



COLORADO WATER CONSERVATION BOARD

DIRECTOR'S REPORT

MAY 2011

STATE OF COLORADO

Colorado Water Conservation Board

Department of Natural Resources

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MEMORANDUM

TO: Colorado Water Conservation Board

FROM: Jennifer Gimbel
Brent Newman
CWCB Staff

DATE: May 17-18, 2011

SUBJECT: **Agenda Item 12d**, May 2011 CWCB Board Meeting Director's Report

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

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~STATEWIDE~

GROUND WATER COMMISSION MEETING: No Ground Water Commission (GWC) meetings have been held since the last CWCB meeting. The Ground Water Commission will hold its next meeting on May 20, 2011, in Castle Rock, CO. The agenda items include routine reports and a hearing on a request for a variance to allow issuance of a new large capacity well for the town of Two Buttes. For more information visit:

<http://water.state.co.us/groundwater/CGWC/Pages/default.aspx>. (*Suzanne Sellers*)

COLORADO WATERSHED RESTORATION PROGRAM (CWRP) UPDATE: CWRP received 15 applications by the January 31st deadline. The total grant request was \$660,000. The applications have been reviewed by three staff members, and 13 applicants were approved or tentatively approved for full or partial funding. The review and approval was completed by Chris Sturm, Greg Johnson and Kevin Houck. The total grant funding approved and tentatively approved was \$309,000. The top 6 highest scoring projects will be funded with existing funds available to the program. The other 7 tentatively approved projects will be funded if the program is approved in the Projects Bill. Total match funding is \$2,122,000, which represents \$7 for every \$1 contributed by the CWCB. The final funding decision for these projects will be made on July 1, 2011. Applications were received from the South Platte, Arkansas, Gunnison, Rio Grande, San Juan/Dolores, Yampa, and Colorado River Basins. Project specific details can be found in the table labeled “Attachment 5”. (*Chris Sturm*)

CWCB PARTICIPATES IN REGIONAL WATER FESTIVALS: The CWCB is scheduled to participate in six Children’s Water Festivals throughout the State of Colorado. These regional water festivals will be attended by thousands of local 3rd, 4th and 5th graders. CWCB staff have put together a “Water Banking” presentation which will help students learn about the affects of drought, how difficult decisions to allocate water are made during drought conditions and why water conservation is important. The students will be introduced to the concept of climate variability and water budgets. The students will be in groups of 4-6 and will decide how to allocate water to municipal, environmental, recreational and agricultural sectors during an average precipitation year and during a drought. The demonstration will incorporate visual aids such as a map of Colorado and picture poster boards the students will work with as they decide how much water each sector will receive. The students will receive washable water droplet tattoos, removable window stickers and toilet leak detection tablets to help enforce the importance of water and how they can use water efficiently and help conserve Colorado’s water. Festival dates and locations are as follows:

- April 27 – Greeley, Island Grove Regional Park
- May 10 – Longmont, Radisson Conference Center
- May 11 – Boulder, University of Colorado
- May 12 – Aurora, Community College of Aurora
- May 16-17 – Grand Junction, Mesa State College
- May 17 – Fort Collins, Colorado State University (*Ben Wade*)

STATEWIDE DROUGHT PLANNING ONE DAY WORKSHOPS: As part of the implementation of the 2010 State Drought Mitigation and Response Plan the CWCB is hosting a

series of five workshops throughout the state to aid municipalities in drought planning. These one day workshops will provide attendees with the knowledge to understand and fully utilize new and innovative resources available for improved drought planning. Both public and private sector attendees are welcome. The workshops will be held on the following dates and locations:

- May 19th - Durango
- June 2nd - Denver
- June 14th - Glenwood Springs
- June 15th - Steamboat Springs
- June 28th - Colorado Springs

Information on the workshops and registration can be found at <http://cwcb.state.co.us/water-management/drought/Pages/MunicipalDroughtPlanningToolboxWorkshopSeries.aspx> (*Taryn Hutchins-Cabibi*)

2010 IRRIGATED LANDS REFRESH: Processed satellite imagery was delivered by Riverside Technology at the end of March. Classification of irrigated lands and crop determination will begin in early May. No date has been determined for release of a final product, due to CWCB and DWR staff's varying workloads and duties. It is anticipated, however, that the project will take until at least the end of 2011 to complete. (*Ray Alvarado*)

FLOODPLAIN MAP MODERNIZATION/RISK MAP UPDATE:

FY11 Activities: CWCB in coordination with FEMA has held Discovery meetings for the St. Vrain and Clear Creek watersheds. An upcoming Discovery meeting will be held in May 2011 for the Cache La Poudre Watershed. As soon as funding is available, a scope of work will be developed for LIDAR acquisition and Risk Map projects within these watersheds.

FY10 Activities: Work is underway for Chaffee, Logan and Pitkin Counties. Field surveying and obtaining topographic data are now under way and completed in Pitkin and Logan counties. The LIDAR data for Chaffee County is being provided by the USGS and due to technical difficulties during the capture of the data, the topographic data will be delayed.

FY09 Activities: The South Platte approximate floodplain delineation has been completed and approved by FEMA for Morgan County. The Morgan County DFIRM schedule has been delayed due to the corrected effective model that needs to be completed for Beaver Creek. The Town of Wiggins is also in the process of certifying the levee and the Town is currently in the process of selecting a consultant to do the work. A recent memo was set forth by FEMA to halt projects that have de-accredited levees. This affects Morgan County since the Wiggins levee is not certified. The Morgan County DFIRM project was recently put on hold until further guidance is provided by FEMA, which is anticipated to be available summer of 2011.

The Prowers County DFIRM is progressing towards completing the floodplain mapping. The hydrology and hydraulic analyses have been completed and approved. There are three levees to analyze in the county and will be affected by the recent FEMA memo on de-accredited levees. A meeting will be scheduled with the communities in Prowers County to discuss the details of the memo and how it will impact the project schedule.

FY08 Activities: Work continues for Gunnison and Montrose counties. Montrose County DFIRM is now in the preliminary phase. Final and public meetings were held in late February 2011. The Elbert County DFIRMs are now effective. Rio Grande County is scheduled to become effective in September 2011.

The Pueblo County DFIRM has been put on hold due to the recent FEMA memo on de-accredited levees. The Fountain Creek hydrology has been approved and most of the hydraulic analyses and floodplain mapping has been completed in the County.

FY07 Activities: Summit County DFIRM has been delayed due to Zone D delineations; however, the revised delineations have been completed and approved. A public meeting will be held in Summit County to inform homeowners about flood insurance. The projected date for effective maps in Summit will be in November 2011. La Plata County received their effective maps in August 2010. Park County has gone effective in December 2009. Delta County maps became effective in July 2010. Teller County and Archuleta County have gone effective since September 2009.

FY 06 Activities: Weld County detailed study work continues to progress. Weld County has identified levees in the Town of Evans. The DFIRM may be delayed due to the recent memo from FEMA on de-accredited levees. However, if the Town of Evans can provide written consent on the analysis that has already been completed on their levee, the project may be completed. In addition, FEMA has requested several LOMRs to be incorporated. If there is no delay caused by the levee in the Town of Evans, the Weld County DFIRM is expected to go preliminary in the summer of 2011. Fremont County DFIRMs are expected to go effective in January 2012. Clear Creek County preliminary maps were distributed in September 2010. The Pueblo County Arkansas River Levee floodplain study is in progress, finalization is still progressing. This project was delayed due to the Fountain Creek hydrology and is now put on hold due to their de-accredited levee which is impacted by the recent FEMA memo.

FY 05 Activities: Mesa County DFIRM became effective in June 2010. The Garfield County DFIRM is in draft preliminary stage. It is currently in the QC process by Baker. The preliminary DFIRMs should be sent out in early summer 2011. 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 took place in July 2010 and a public meeting will be held after all comments have been addressed on the maps. Boulder County has 3 de-accredited levees which will be impacted by the recent memo sent out from FEMA. A meeting is scheduled at the end of May 2011 to discuss the guidance from FEMA and how it will impact DFIRM process for Boulder County.

(Thuy Patton)

SPRING 2011 FLOOD RUNOFF UPDATE: April was a very abundant month for mountain snowpack, and numbers continue to rise through the end of the month. As of April 29th, five major river watersheds contain over 130% of average snow water equivalent for the date. This includes the Laramie/North Platte watershed at 160%, the Yampa/White watershed at 159%, the Colorado River watershed at 149%, the South Platte River watershed at 140%, and the Gunnison River watershed at 136%. Several subwatersheds (too numerous to list here) contain even higher values, with some over 200%. Most of the measuring sites are past their average peak date, yet continue to accumulate water.

Staff has attended numerous meetings with emergency managers and other staff in northwest Colorado to assist with preparedness activities as runoff season approaches. Emergency managers in this part of the state are aware of the situation, and staff technical resources will continue to be made available as needed.

It is reminded that the mere presence of so much snow in the mountains is no guarantee of widespread catastrophic flooding. While it certainly looks to be a very high snowpack year for much of the high country, the rate at which the snow melts is heavily dependent on daily weather conditions in May and June, and sometime early July. As of the date of this report, it is still too early to determine if damaging floods will be a problem, although there is an elevated risk. Homeowners can help protect themselves by purchasing a federally backed flood insurance policy through their insurance agent. It is important to note the 30-day waiting period before the policy goes into effect. Staff will continue to monitor the situation throughout the runoff season, and information will be posted to the CWCB website. The Flood DSS is also a new helpful tool available online. (*Kevin Houck and Tom Browning*)

STATEWIDE FLOOD THREAT BULLETIN BACK ONLINE FOR THE 2011 FLOOD SEASON: Following the enormous success of the Statewide Flood Threat Bulletin from previous seasons, the service has returned for another year. Once again, HDR Hydromet Services will provide daily flood threat outlooks that will be accessible online for interested users. The information will be largely the same as last year, with county specific forecasts in a GIS format. HDR will provide daily outlooks regarding the flood threat around the state due to either snowmelt or rainfall. In addition, a GIS summary of precipitation from the previous report is available to view which areas of the state received the most precipitation (useful for both water managers and floodplain managers). Twice weekly, on Mondays and Fridays, a medium-range outlook will be issued summarizing the anticipated flood threat for the following two weeks. The information can be easily accessed from the CWCB's home page at www.cwcb.state.co.us. The flood threat bulletin is offered from May through September 30th. (*Kevin Houck*)

~ARKANSAS RIVER BASIN~

ARKANSAS RIVER DECISION SUPPORT SYSTEM (ARKDSS) FEASIBILITY STUDY: The feasibility study for an Arkansas River decision support system (ArkDSS) commenced in late January 2010. The purpose of the feasibility study is to define the ArkDSS's purposes, uses, users, components, data requirements, costs and the schedule required to develop such a system. The results of the feasibility study will be used by the CWCB and DWR for recommending the development of an ArkDSS to the General Assembly.

A proposed implementation for ArkDSS has been formulated in coordination with an Arkansas Basin Roundtable technical subcommittee. The proposed plan will be presented to the Roundtable in May for their endorsement. It is scheduled to be presented to the Board for approval at the July Board meeting. (*Ray Alvarado*)

~COLORADO RIVER BASIN~

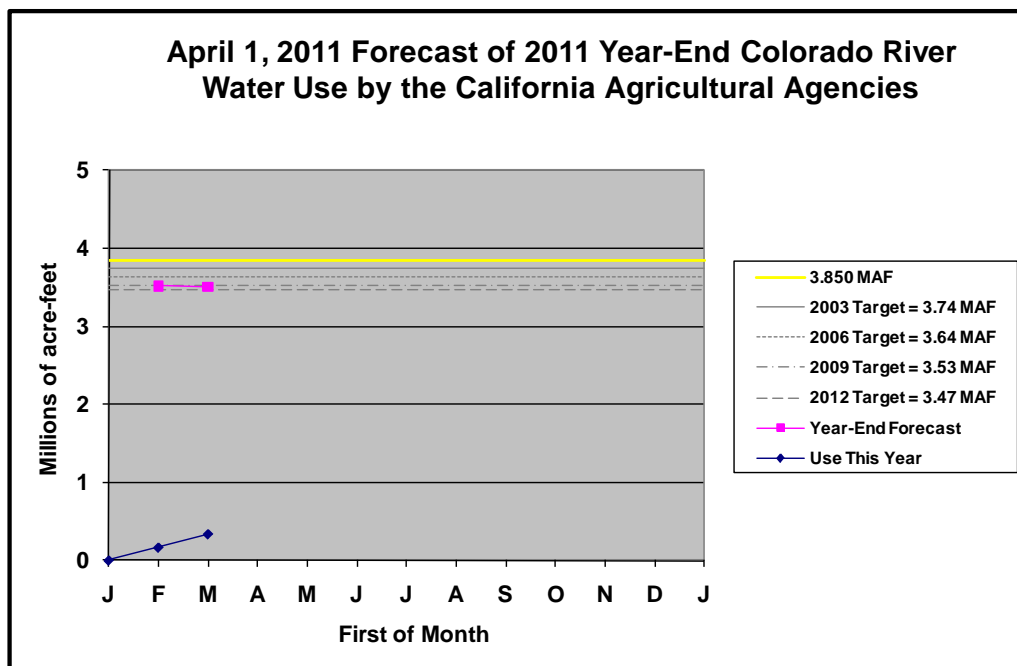
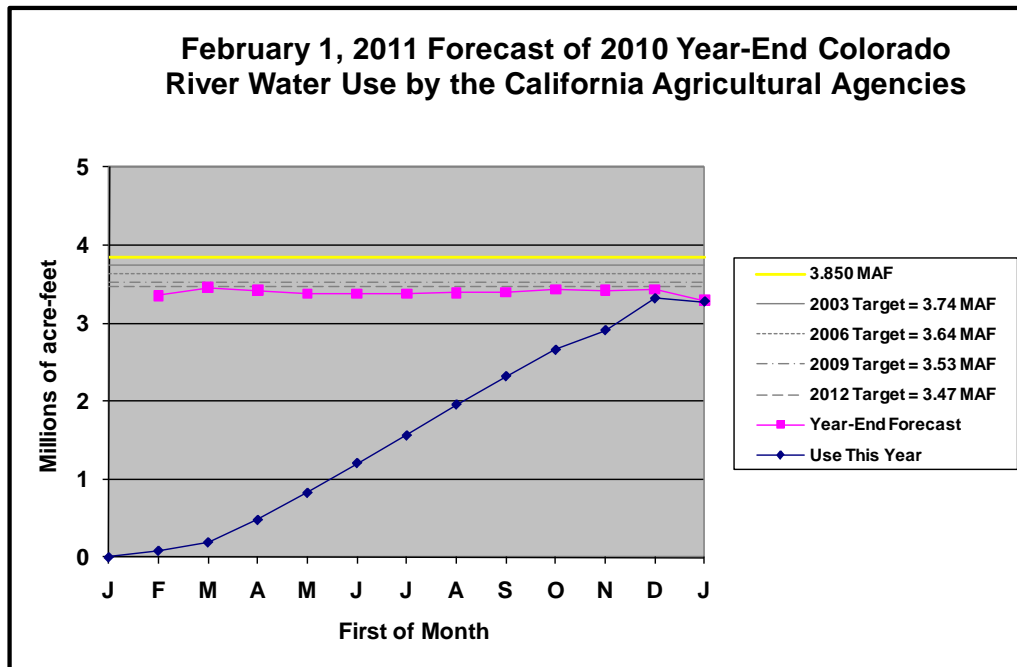
COLORADO RIVER WATER AVAILABILITY STUDY (CRWAS): The contract and scope of work for completion of Phase 1 is in the procurement process. There will be five tasks under this effort: Project Management, Project Outreach, Model Refinements, Analysis Refinements and Reporting Refinements. Project Management addresses the internal management of the CRWAS team. Project Outreach will address the two sets of meetings identified for this effort. The first public outreach was given to the Southwest BRT in Cortez, CO on April 13, 2011. The South Platte is set for May 10, 2011 and the Gunnison workshop is scheduled for June 6, 2011. We are waiting for responses from the Colorado, Yampa/White, Arkansas and Metro roundtables. (*Ray Alvarado*)

LAKE POWELL AND LAKE MEAD PROJECTED TO SUBSTANTIALLY RISE, BUREAU OF RECLAMATION ADJUSTS OPERATIONAL TIER BASED ON THE APRIL 1, 2011 PROJECTIONS TO PROVIDE FOR EQUALIZATION RELEASES: As of May 2, 2011, before the runoff has effectively started, Lake Powell and Lake Mead are at Elevation 3612 (53% of capacity) and Elevation 1095.83 (41% of capacity). In addition, the current Colorado River basin snowpack above Lake Powell is estimated to be 139% of average. With the current projections from the April 24-month study, the U.S. Bureau of Reclamation made an April adjustment to Lake Powell operations under the 2011 Annual Operating Plan consistent with the *Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operation of Lake Powell and Lake Mead* (Interim Guidelines). An equalization release of approximately 11.6 maf was projected in early April, but that may increase given the additional precipitation that the basin experienced in April. At the time that this report is being written, the May 24 month study is not yet available. (*Ted Kowalski*)

GLEN CANYON TECHNICAL WORK GROUP (TWG) AND ADAPTIVE MANAGEMENT WORK GROUP (AMWG) MEETINGS: The next Adaptive Management Work Group (“AMWG”) meeting is scheduled for May 18, 2011 in Phoenix, Arizona. Ted Kowalski will be attending this meeting as Jennifer Gimbel’s alternate to the AMWG due to the fact that the May CWCB meeting will still be in progress. The primary purposes of this meeting will be to discuss: 1) the projected 2012 Hydrograph; 2) the Fiscal Year 2011 work plan; and, 3) the various Environmental Assessments being conducted the Bureau of Reclamation. (*Ted Kowalski*)

COLORADO RIVER WATER USE: As of April 1, 2011, storage in the major Upper Basin reservoirs decreased by 434,100 acre-feet and storage in the Lower Basin reservoirs increased by 73,600 acre-feet during March 2011. Total system active storage as of April 3 was 31.467 million acre-feet (MAF), or 53 percent of capacity, which is 1.193 MAF less than one year ago. (Upper Basin reservoirs decreased by 0.899 MAF, and Lower Basin reservoirs decreased by 0.294 MAF.)

The preliminary year-end estimate for 2010 California agricultural consumptive use of Colorado River water under the first three priorities and the sixth priority of the 1931 *California Seven Party Agreement* is 3.292 MAF. (See first graph below.) The preliminary year-end estimate for 2011 is 3.510 MAF. (See second graph below.) The target under the Interim Surplus Guidelines (ISG) for 2009 was 3.530 MAF, and the target for 2012 is 3.470 MAF, thus California is in compliance with the ISG. (Andy Moore)



DECREE GRANTED FOR CWCB'S FIRST TRANSACTION WITH THE COLORADO WATER TRUST: On April 14, 2011, the Water Court entered final decrees for both the CWCB (5-05CW264) and the Colorado River Water Conservation District (5-05CW265) change of water right applications, bringing to closure the historic first water right transaction between the Colorado Water Trust (Water Trust) and CWCB. The donation was brought to the CWCB in 2004 by the Colorado Water Trust to preserve and improve the natural environment of Boulder Creek and the Blue River in Summit County. The Blue River is classified as a "Gold Medal Water" by the Colorado Division of Wildlife, and supports healthy populations of rainbow and brown trout.

The Water Trust conveyed to CWCB an interest in senior water rights purchased by the Water Trust, and reserved the right to use the consumptive use downstream of CWCB's instream flow segments. The Water Trust arranged for the Colorado River Water Conservation District (River District) to purchase the consumptive use portion of the donated water rights for a downstream use. CWCB filed an application with the water court in 2005 to change the Peabody #1 Ditch and Lund Enlargement water right to add instream flow use by the Board. The River District and Water Trust filed a separate application with the court to decree its separate change in use for the Peabody Ditch water rights. The applications were opposed by USBR, Blue River Ranch, LLC, Colorado Springs Utilities and the City and County of Denver. Agreements were reached with all parties.

The final CWCB decree allows CWCB to use the water to preserve and improve 3 miles of Boulder Creek and 2 miles on the Blue River. CWCB is allowed to use the water to preserve an additional 6.9 miles of the Blue River to Green Mountain Reservoir. The final River District decree allows the District to use the water rights in the River District's Water Marketing Program downstream of the instream flow segments. (*Kaylea White*)

~PLATTE RIVER BASIN~

PLATTE RIVER RECOVERY PROGRAM: The Platte River Recovery Implementation Program ("Program") Governance Committee held a meeting on March 8-9, 2011 via conference call. The primary agenda items were approval of an amendment to the program land plan, approval of individual land plans and approval of funding for a time-lapse photography project on the Platte River. Additionally, Suzanne Sellers and Ted Kowalski attended a Platte River tour arranged by SPWRAP. Lastly, Ms. Sellers attended Water Advisory Committee, Land Advisory Committee, Technical Advisory Committee and Finance Committee meetings, conference calls and workshops. The next Governance Committee Meeting will be held on June 14-15, 2011 in Cheyenne, WY. For more information, please visit: <http://www.platteriverprogram.org/Pages/default.aspx>. (*Suzanne Sellers*)

SOUTH PLATTE DECISION SUPPORT SYSTEM (SPDSS): The alluvial groundwater modeling is still moving forward in the calibration phase of that effort. 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. It is anticipated that a peer review meeting will be held in early summer to go over the results and what lessons were learned from this effort. The surface water model for Water Districts 1 and 64 is also progressing and the modeling team will be meeting with Dave Nettles, Division 1 engineer, to go over the

administrative issues and how to handle them in the modeling arena. We are hopeful that a peer review meeting will be held by mid-summer to present results and get feedback. *(Ray Alvarado)*

CHATFIELD RESERVOIR REALLOCATION PROJECT: Progress continues on the development of a Draft Feasibility Report and Environmental Impact Statement (FR/EIS) for the Chatfield Reservoir Reallocation Project. The Corps of Engineers (Corps) has a revised schedule and now hopes to transmit the completed draft to Corps Headquarters office for review later this month, prior to release of the document for public comment period scheduled for later this summer. The Colorado Department of Natural Resources (DNR) is working with State Parks, Division of Wildlife, CWCB, and potential Chatfield water users (Project participants) to negotiate remaining language, pending review and acceptance by the Corps of Engineers, which will be included in the FR/EIS. The Chatfield Coalition is also planning its usual trip to Washington, D.C. in late September to meet with the Corps and Congressional Delegation offices. *(Tom Browning)*

CHATFIELD DOWNSTREAM CHANNEL PROJECT ANNUAL INSPECTION: The CWCB is the non federal project sponsor of a four mile flood control project just downstream of Chatfield Reservoir. The main goal is to maintain conveyance to accommodate flood flow releases out of Chatfield. The Omaha Corps of Engineers (Corps) annually inspects the Project and names deficiencies. The CWCB seeks to maintain at least a “minimally acceptable” rating in order to remain eligible for assistance under PL 84-99 Rehabilitation Inspection Program. Staff prioritized maintenance needs based on the recent Corps 2011 inspection report, which include the following items: 1) Maintain areas that have had vegetation removed, 2) make public safety improvements to Union Avenue boat chute #1, 3) survey the west bank training levee and modify if necessary, 4) video the drainage pipe in the west bank training levee and clean/repair if necessary, 4) plant new vegetation outside of the channel as a mitigation measure, and 5) consider vegetation management work downstream of Oxford Avenue. *(Joe Busto)*

~RIO GRANDE RIVER BASIN~

APPLICATION TO RENEW HAIL CANNON PERMIT: The CWCB operates a weather modification permitting program on behalf of the Department of Natural Resources and the State of Colorado. Southern Colorado Farms (SCF), in the San Luis Valley, operates a network of hail cannons to suppress hail in the summer to protect lettuce and spinach. The SCF permit from 2006 is expiring, and they have submitted an application to renew the permit. Staff and Susan Schneider of the Attorney General’s Office will host a public hearing to provide comments for the Record of Decision. A notice of intent is published in newspapers two weeks prior to the hearing in several counties. The hearing is May 25th, Center Town Hall, 294 S. Worth Street, Center, Colorado at 2:30 P.M. Anyone interested in the public hearing can contact CWCB staff member Joe Busto at (303) 866 3441 ext. 3209 or joe.busto@state.co.us or Mike Jones of Southern Colorado Farms at (719) 754 – 2681 or mdjones@centurytel.net. *(Joe Busto)*

ALAMOSA LEVEE UPDATE: The U.S. Army Corps of Engineers (Corps) and their consultant conducted a rigorous inspection of the levees on the Rio Grande in Alamosa on April 4-6. CWCB staff also attended this inspection, which was the first in a series of inspections to be repeated on a five-year basis to establish a baseline for the levee conditions. Similar inspections will be performed on other levees in Colorado in the coming months.

The final inspection report from the Corps was not yet available as of the date of this article. However, a number of areas of concern were noted by the Corps while in the field. Specific problems with vegetation, animal intrusions, land use, and access were all discussed. Representatives from the City of Alamosa (City) were present during the inspection. At this time, CWCB staff has not yet seen a plan of action to address the problems, but staff continues to offer technical assistance if requested by the City.

This inspection is part of the Corps' PL 84-99 program. Under this program, levees and other flood control facilities are eligible for inspection services and refurbishment by the Corps following any flood damages that may occur, providing that the levees are maintained by the City to a "minimally acceptable" rating. It is our understanding that the Alamosa levees are no longer considered to be eligible for repair by the Corps under the PL 84-99 program due to their current status and previous Corps inspection ratings. Although this issue is not tied directly to FEMA's floodplain mapping program, the two programs are loosely related. If the levees do not meet FEMA's certification standards, they could be treated differently in terms of their level of protection. Lack of levee certification could affect regulatory floodplain delineations, flood insurance implications for a large number of homeowners, and land use decisions by the City.
(Tom Browning)

~SAN JUAN/SAN MIGUEL-DOLORES RIVER BASIN~

SAN JUAN RIVER RECOVERY IMPLEMENTATION PROGRAM (SJRRIP) ANNUAL REVIEW AND COORDINATION COMMITTEE (CC) MEETINGS: The San Juan River Recovery Implementation Program will hold its annual review and coordination committee meetings on May 11 and May 12, 2011. Some of the topics on the agenda are the stocking plan for Animas La Plata Reservoir, the 2012 budget, and the hydrology model update. These topics will continue to be developed through the various subcommittees, and action may occur at the May 2011 annual meeting. 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"), continues to conduct work on the San Juan River basin. The San Juan River Group will meet on May 24, 2011, in Pagosa Springs, Colorado. This group is coming to a close. The Board will be given an update at the Board meeting. For more information, see the following link:
<http://ocs.fortlewis.edu/riverprotection/>. (Ted Kowalski)

~GUNNISON RIVER BASIN~

UNCOMPAHGRE WILD & SCENIC STAKEHOLDERS MEETING: The Uncompahgre Wild & Scenic Stakeholders' ("Stakeholders") group held meetings in Delta, CO on February 24, March 9 & 23 and April 5 & 13, 2011 to address those segments in the Gunnison River Basin within the Dominguez-Escalante National Conservation Area (NCA). The stakeholder group reached consensus on all of the segments considered and has prepared a letter to the Bureau of Land Management (BLM) recommending that the following segments are "not suitable": Gunnison River Segments 1 & 3, Rose Creek, Big Dominguez Creek Segments 1 & 2, Little Dominguez Creek Segments 1 & 2, Escalante Creek Segments 1 & 2 and Cottonwood Creek. The Dry Fork of Escalante Creek was dropped from consideration by the BLM. Several of the environmental advocacy organizations that routinely participate in wild & scenic stakeholders

groups around the state did not participate in these stakeholder meetings.

http://www.blm.gov/co/st/en/nca/denca/denca_rmp/DENCA_Wild_Scenic_River_Eligibility.html (Suzanne Sellers)

~AGENCY UPDATES~

RECENTLY DECREED ISF WATER RIGHTS: On March 14, 2011, the Division 4 Water Court decreed an instream flow water right to the CWCB on Willow Creek in Case No. 10CW128 for 2.3 cfs (April 1 – June 30), and 2.0 cfs (July 1 – March 31) with an appropriation date of January 26, 2010. The upstream terminus is the confluence with Sugar Creek and the lower terminus is the confluence with Blue Mesa Reservoir. This ISF reach is approximately 3.59 miles long and flows through Gunnison County.

On March 14, 2011, the Division 4 Water Court decreed an instream flow water right to the CWCB on Spring Creek in Case No. 10CW129 for 5.0 cfs (April 1 – September 30), 3.3 cfs (October 1 – November 15) and 2.0 cfs (November 16 – March 31) with an appropriation date of January 26, 2010. The upstream terminus is the headgate of the Creede Trail Ditch and the lower terminus is the confluence with Cebolla Creek. This ISF reach is approximately 3.25 miles long and flows through Hinsdale County.

On March 14, 2011, the Division 4 Water Court decreed an instream flow water right to the CWCB on Alpine Gulch in Case No. 10CW130 for 5.0 cfs (April 15 – September 30), and 1.0 cfs (October 1 – April 14) with an appropriation date of January 26, 2010. The upstream terminus is the headwaters and the lower terminus is the confluence with Henson Creek. This ISF reach is approximately 6.69 miles long and flows through Hinsdale County.

On March 14, 2011, the Division 4 Water Court decreed an instream flow water right to the CWCB on Blue Creek in Case No. 10CW131 for 4.5 cfs (April 1 – July 31) with an appropriation date of January 26, 2010. The upstream terminus is the confluence of Blue Creek and Little Blue Creek and the lower terminus is the confluence with Morrow Point Reservoir. This ISF reach is approximately 3.53 miles long and flows through Gunnison County. This right is in addition to an existing instream flow right on Blue Creek decreed in Case No. 84CW389 in the amount of 7 cfs (1/1 - 12/31) with an appropriation date of May 4, 1984.

On April 3, 2011, the Division 5 Water Court decreed an instream flow water right to the CWCB on Baldy Creek in Case No. 08CW099 for 6.5 cfs (April 1 – June 30), and 0.6 cfs (July 1 – March 31) with an appropriation date of January 23, 2008. The upstream terminus is the headwaters and the lower terminus is the confluence with the headgate of the Murray and Yule Ditch. This ISF reach is approximately 9.7 miles long and flows through Garfield County. The CWCB entered into a stipulation with Juliet Shield Taylor to alleviate her concerns about this ISF segment.

On April 13, 2011, the Division 2 Water Court decreed an instream flow water right to the CWCB on Cucharas Creek in Case No. 10CW082 for 4.9 cfs (May 15 – June 30), 2.5 cfs (July 1 – August 14), 1.6 cfs (August 15 – September 15), 1.2 cfs (September 16 – April 14) and 3.0 cfs (April 15 – May 14) with an appropriation date of December 31, 2010. The upstream terminus is the headwaters and the lower terminus is the confluence with State Highway 12. This ISF reach is approximately 4.7 miles long and flows through Huerfano County. This segment was

contested in 2010 and a stipulated agreement was reached with Huerfano County to alleviate their concerns before the application was filed in water court.

CWCB WATER EFFICIENCY GRANT FUND PROGRAM (WEGP) UPDATE: *Please see included WEGP Annual Report for FY 2010.* The WEGP awarded \$480,000 for fourteen conservation activities/projects. Currently the WEGP has awarded \$364,000 for eleven projects in FY 2011. Within the last three months:

Two grants have been awarded to the following water entities:

- Left Hand Water District – Implementation grant for commercial audits, residential indoor audits, and improved leak detection and repair program (\$45,836).
- North Table Mountain Water & Sanitation District – Implementation grant for sonic leak detection and repair, irrigation audits and partial revision of landscape regulations (\$25,370).

Two grant applications are in final review from the following:

- City of Aurora – (*agenda item # 22*) – Implementation grant for water use inefficiency mapping and identification integrated with Aurora’s system incentive program (SIP) project (\$117,750).
- CSU Extension/Colorado Water Institute – Public Education/Outreach grant for a pilot project to develop water conservation awareness through inter-curricular high school programs. Water resources curriculum aka “The WRECing crew program” (\$46,200).

Five Water Efficiency Grants were completed. Deliverables to the CWCB are as follows:

- City of Steamboat Springs – Water Conservation Plan submitted for approval.
- Security Water District – Water Conservation Plan submitted and APPROVED.
- Pagosa Area Water & Sanitation District (PAWSD) – Final report of implementation project from PAWSD’s 2009 Water Conservation Plan. This project included:
 - 1) Focused community outreach
 - 2) Selected commercial and institutional facility audits
 - 3) Replacement of inefficient fixtures in audited facilities
 - 4) Data collection and reporting.
- City of Brighton – Final report of implementation project from Brighton’s 2009 Water Conservation Plan. This project also included:
 - 1) Focused community outreach
 - 2) Selected commercial and institutional facility audits
 - 3) Replacement of inefficient fixtures in audited facilities
 - 4) Data collection and reporting.
- City of Monte Vista – Water Conservation Plan submitted for CWCB approval. (*Ben Wade*)

WATER CONSERVATION PLANS UNDER REVIEW: The CWCB continues to work with the following providers to approve their Water Conservation Plans:

- **City of Arvada** – submitted a second draft on April 25, 2011. Review is pending.
- **City of Broomfield** – Broomfield submitted their Water Conservation plan to the CWCB for a preliminary review in October 2009 but the Plan was delayed by the city in order to complete a “Sustainability Plan”. The Sustainability Plan was completed in January 2011 and work on the Water Conservation Plan has resumed again and the city is scheduled to submit their plan to the CWCB in early May.
- **City of Louisville** – CWCB received a preliminary draft of the City’s Water Conservation Plan and provided comments in November 2009. Resubmission is pending.
- **City of Steamboat Springs/Mount Werner Water** – CWCB received a second draft of the Regional Water Conservation Plan in December 2010. An evaluation was completed in April 2011 and comments were sent back to the entity.
- **Consolidated Mutual Water Company** – CWCB staff met with Consolidated Mutual staff on April 28, 2011 to further discuss future revisions to their Conservation Plan. Consolidated will be submitting a fourth plan revision in mid May.
- **Grand Valley Regional Water Conservation Plan** – The City of Grand Junction was granted a conditional approval in September 2010 in order to receive funding for a water project from the Colorado Water and Power Development Authority. Grand Junction will continue to contribute to the regional plan along with Ute Water Conservancy District and the Clifton Water District. Resubmission of the regional plan is pending.
- **Meridian Metropolitan District** – Plan was submitted in January 2011 and is currently under review by CWCB staff.
- **Town of La Junta** – Revised Plan was submitted on April 18, 2011 awaiting final review for approval.
- **City of Monte Vista** – Plan submitted to CWCB on April 25, 2011 for review and approval.

The CWCB has *approved* an additional Water Conservation Plan from water providers. They include:

- Security Water District (*Ben Wade*)

GOVERNOR’S WATER AVAILABILITY TASK FORCE: *Please see included April 2011 Drought Update for information on current drought conditions throughout the state. A Joint Meeting of the Water Availability Task Force and Flood Task Force is scheduled for May 11, 2011 at the Colorado Division of Wildlife Headquarters. Please check the website (<http://cwcb.state.co.us/public-information/flood-water-availability-task-forces/Pages/main.aspx>) for additional information. (Ben Wade)*

HB1051/DATA REPORTING WORKING GROUP: The HB1051 working group will have met twice since the last director’s report, once in March and once in April. The April meeting included policy makers from the organizations represented on the Working Group. The Group has made good progress towards defining what information should be collected and what common customer classes exist as well as what water conservation data should be collected. A first draft of guidelines was prepared for the April meeting to give the group a tangible product to work off of. The group will continue meeting once per month with the addition of the Stakeholder Advisory Group (SAG) members for the May meeting. The SAG will be responsible for providing a wider perspective on the work done by the Working Group and will review the

1051 work products on several occasions. The SAG will meet again with the working group in July. *(Kevin Reidy)*

CONSERVATION PLANNING GUIDANCE DOCUMENT REVISION UPDATE: CWCB staff are working with AMEC on revising the guidance document for water conservation planning. This will include two workshops with stakeholders to ensure appropriate modifications are incorporated. With the recent work done on best practices, passive conservation and the SWSI 2010 update, CWCB staff felt it was the right time to update the guidance document to include these new work products. A new guidance document will be completed in fall of 2011. *(Kevin Reidy)*

DROUGHT MUNICIPAL SAMPLE PLAN PROJECT: The CWCB has been working with AMEC to develop a sample drought plan which integrated improvements from the 2010 State Drought Mitigation and Response Plan, mainly the newly developed Municipal Drought Planning Guidance document. This sample plan has been vetted with a group of stakeholders and will be finalized in the next few weeks. Once finalized the sample plan will be posted on the CWCB drought planning toolbox website. The plan will also be introduced at the Municipal Drought Planning Toolbox Workshop Series in May and June. *(Taryn Hutchins-Cabibi)*

WATER CONSERVATION LEVELS ANALYSIS UPDATE: Following up on work done in 2010, CWCB staff are working with Great Western Institute to refine and correlate the SWSI levels analysis with the Best Practices Guidebook to create a cohesive framework for prioritizing water conservation efforts. Additionally, the SWSI Levels Analysis will complement and inform the revision of the water conservation planning guidance document. *(Kevin Reidy)*

REVISED SURFACE WATER SUPPLY INDEX (SWSI) UPDATE: The Natural Resources Conservation Service (NRCS) is working on the calculations to expand the revised SWSI to the eastern half of Colorado; the western slope was completed in 2010. CWCB staff has worked with division engineers from the Division of Water Resources to determine the reservoirs to use for the updated index. The result will be a more useful index that provides information on available surface water supply. The entire state should be complete by July. *(Taryn Hutchins-Cabibi)*

OWCDP STAFF TO PRESENT AT BASIN ROUNDTABLE MEETINGS: CWCB staff are presenting to all the round tables over the next few months on the 2010 State Drought Mitigation and Response Plan as well as the status of the implementation process for HB 1051: Data Collection Bill. This is for informational purposes only. *(Kevin Reidy & Taryn Hutchins-Cabibi)*

DROUGHT PLAN IMPLEMENTATION: CWCB staff are moving forward with implementation of the 2010 State Drought Mitigation and Response Plan through a number of projects. In addition to the items listed above, the office is also working on a Drought Assessment for Recreation and Tourism in the Southwest which will examine drought vulnerabilities identified in the state drought plan as well as help the state to identify information and data gaps that prevent us from fully and properly assessing the full extent of drought risk within the tourism and recreation sector.

Additionally, CWCB staff are working with NIDIS to improve the tools and resources available on both the drought portal as well as the CWCB website. CWCB staff are also reaching out to

those agencies charged with implementation projects to ensure that they are moving forward and have the necessary technical support from the CWCB.

Lastly, CWCB staff are very closely monitoring deteriorating drought conditions on the eastern plains and is working with Impact Task Force chairs to determine if full activation of the impact task forces is necessary in some regions (e.g. the Agricultural ITF in Baca County). *(Taryn Hutchins-Cabibi)*

PUBLIC AWARENESS RESEARCH PROJECT: In early March GBSM, a strategic communications consulting firm, was hired to develop a statewide communications plan about the value and importance of water. The goal of this plan is to raise awareness among all Coloradans of the value and importance of water. This plan will provide a foundation of awareness that will help water interests be even more successful in their implementation and calls to action. The plan will be completed by the end of this fiscal year (June 30). The actual implementation of the plan, such as the development of any logo and brand identity, advertising campaigns, etc., will come in the next phase and be contingent upon available funding.

To create a seamless communications plan GBSM's research includes: a review of state-wide awareness/outreach campaigns outside Colorado, a review of other pertinent water awareness efforts within Colorado, and an assessment of Coloradan's baseline attitudes of water. *(Deborah Burrell)*

FLOODDSS: The FloodDSS web-based mapping site has been successfully operating since September 2010. We have had approximately 4,600 visitors to the site since it went live. At the end of April, all major work was finalized on the project, including the addition of two data layers: Historical Floods and Peak Flows. The Historic Flood layer shows known floods throughout the state, and incorporates data such as location, year, damage estimates, and where known: contributing elements such as wildfire, photos and links to reports or additional information. The Peak Flow layer was created to accompany the Historic Floods data layer, and documents known peak flows associated with historic floods. Riverside Technology will continue working with the CWCB through June 2011 to assist with troubleshooting if needed during the peak flood season. *(Ray Alvarado)*

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

Case No.	Applicant	Stream/ Case Number	ISF Amount	Percent Injury	Cumulative % Injury	Previous Cases
1-11CW032	Town of Ward	Left Hand Creek/ 1-86CW301	7 cfs (summer) 3 cfs (winter)	0.3328 % 0.5516 %	0.3328 % 0.5516 %	0
2-94CW041	Duzan Properties LLC	Chalk Creek/ 2-77W4662	20 cfs (summer) 20 cfs (winter)	0.0012 % 0.0002%	0.1535 % 0.0107 %	24

2-94CW041	Darrell Cooper & Louise Fitzpatrick	Chalk Creek/ 2-77W4662	20 cfs (summer) 20 cfs (winter)	0.0009 % 0.0002 %	0.1547 % 0.0109 %	25
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LOAN REPAYMENT DELINQUENCY: Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2010 through April 2011. The effective due date of the payment is inclusive of the Board's current 30 day late policy. Hence, the date the payment was received was compared to the last day allowable prior to the payment being considered late.

Repayments due for the first ten months of Fiscal Year 2011 totaled 214. There were six loan payments not received on time during this period. The loan payments from Pine River – Bayfield Ditch Company, Delta Canal Company, Fuchs Ranches, Inc., John Peroulis and Sons, Partnership and Shultz Farm, Inc. were less than 30 days late. The loan payment from Kenosha Trout Club was less than 60 days late. The loan payment due in June 2010 for the Coon Creek Reservoir and Ditch Company was received in July 2010. The loan payment due in June 2010 for the Town of Starkville has not been received to date. Thus, the on-time performance for the total repayments due was 97% in compliance or 3% not in compliance.

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, however, a partial payment was received in March 2011; 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*)

LOAN FINANCIAL ACTIVITY: Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2011 is detailed on the following attachment. Funds received relative to loans in repayment totaled \$16.4 M for this period. Funds disbursed relative to new project loans totaled \$24.5 M for this period. Net activity resulted in \$8.1 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 \$10.6 M in receivables and \$8.3 M in disbursements for a total net activity of \$2.3 M received over disbursed. The STTFPBA consists of \$5.8 M in receivables and \$16.2 M in disbursements for a total net activity of \$10.4 M disbursed over received. (*Steve Biondo*)

UNIVERSITY OF DENVER WATER LAW REVIEW SYMPOSIUM: On April 15th, the University of Denver Water Law Review hosted their annual Symposium at the Sturm College of Law on DU's campus. This year's theme was "A Vision for the Future: Balancing Population Growth with Increasing Water Demand." Speakers included CWCB staff members Ted Kowalski and Jacob Bornstein, as well as Board member Eric Wilkinson. The Symposium was well-attended by water attorneys, law students, and parties interested in the emerging trends in water law and availability. Topics of discussion included SWSI 2010, inter-basin coordination, ethics in the practice of water law, and conservation-minded planning for the future. (*Brent Newman*)

SOUTHERN ROCKIES LANDSCAPE CONSERVATION COOPERATIVE: The Southern Rockies Landscape Conservation Cooperative held a meeting of the newly formed Steering Committee on April 5th and 6th at the Utah State Capitol in Salt Lake City. The members of the Committee came to agreement on the size and composition of the Committee. Rebecca Mitchell, Water Policy and Issues Coordinator for the Colorado Department of Natural Resources, will serve as the state of Colorado's representative to the Steering Committee. The Committee also identified an initial list of participants for the Science Committee, identified objectives for 2011, and brainstormed priority science needs and criteria for evaluating project proposals in 2011. The next meeting of the Steering Committee will be held in August, in Denver.

In 2011, the SRLCC is seeking project ideas for funding, with two sources available: \$260,000 will be available from the U.S. Fish and Wildlife Service, and up to \$1,000,000 will be available from the U.S. Bureau of Reclamation. The SRLCC will host two conference calls on Tuesday, May 10, 2011 at 10:00 a.m. and 2:00 p.m. Mountain Time to discuss the proposal processes and any specific concerns applicants may have. For more information email brent.newman@state.co.us. (*Brent Newman*)

UPPER COLORADO RIVER COMMISSION JUNE MEETING IN CONJUNCTION WITH CU'S NATURAL RESOURCES LAW CENTER: The Upper Colorado River Commission will hold their June meeting in Boulder in conjunction with the Summer Conference of the Natural Resources Law Center at the University of Colorado Law School. The theme of the 2011 Clyde O. Martz Summer Conference is "Navigating the Future of the Colorado River". The UCRC will hold a public meeting from 8:00 AM - 2:00 PM on June 8th, followed by a presentation by designees of select federal agencies on Colorado River issues. That evening, the Summer Conference begins, featuring water management representatives from across the Southwest. Director Gimbel will be participating in two panels on June 9th: "Understanding Supply and Demand", and "U.S. – Mexico Negotiations". For more information contact the Natural Resources Law Center at nrlc@colorado.edu. (*Brent Newman*)

CONTINENTAL DIVIDE LAND TRUST AND COLORADO WATER TRUST HOST CONSERVATION EASEMENTS SEMINAR: The Continental Divide Land Trust (CDLT) and Colorado Water Trust hosted a seminar on Tuesday, March 29th, on conservation easements and how water rights may be protected through land conservation. The seminar was held at the Silverthorne Pavilion in Silverthorne, CO, and covered topics such as tax benefits of conservation easements, a primer on water law, evaluation of water rights, and a presentation on connecting water law and conservation easements. After the seminar, Peter McBride presented a slideshow from his popular book, *The Colorado River: Flowing Through Conflict*. The seminar and slideshow were well attended by water professionals and interested parties. Congratulations to the CDLT on a successful event. (*Brent Newman*)

~ATTACHMENTS~

- 01 **WSRA Balance Summary**
- 02 **WSRA Open Grant Projects – Board Approved – Not Yet Contracted**
- 03 **WSRA In Progress Projects**
- 04 **WSRA Completed Projects**
- 05 **Colorado Watershed Restoration Program Update**
- 06 **Instream Flow and Natural Lake Level Program – Summary of Resolved Cases**
- 07 **Finance Section – May Design & Construction Status Report**
- 08 **CWCB Financial Activity Report for Fiscal Year 2011**

COLORADO WATER CONSERVATION BOARD
Water Supply Reserve Account - Balance Summary
April 2011

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	\$6,000,000	\$4,380,000	\$1,620,000
2011/2012	\$7,000,000	\$0	\$0	\$0
TOTAL	\$44,775,000	\$34,775,000	\$22,595,750	\$12,179,250

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. The 2nd and 3rd installments of 30% was received on January 1 and April 1, each resulting in \$1,314,000 for the Statewide Account and an additional \$54,000 for each Basin Account.

Fund Distribution					
Basin	Approved Basin Grants	Total Basin Funds	Basin Account Balance	Approved State Grants	Statewide Account Balance
Arkansas	\$1,202,856	\$1,353,250	\$150,394	\$3,453,972	
Colorado	\$968,444	\$1,353,250	\$384,806	\$2,402,900	
Southwest	\$1,238,946	\$1,353,250	\$114,304	\$4,006,823	
Gunnison	\$1,049,982	\$1,353,250	\$303,268	\$959,660	
Metro	\$1,056,229	\$1,353,250	\$297,021	\$1,818,125	
North Platte	\$919,755	\$1,353,250	\$433,495	\$311,027	
Rio Grande	\$1,165,450	\$1,353,250	\$187,800	\$3,016,400	
South Platte	\$1,113,857	\$1,353,250	\$239,393	\$2,413,423	
Yampa/White	\$1,131,374	\$1,353,250	\$221,876	\$431,813	
TOTAL	\$9,846,893	\$12,179,250	\$2,332,357	\$18,814,143	\$3,781,607
TOTAL APPROVED GRANTS					\$28,661,036

Note: Only includes grants approved by CWCB

WSRA Open Grant Projects - Board Approved - Not Yet Contracted

Attachment 2
Updated 04/28/11

Basin	County	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Account Approved	Total Request	Type of Water Activity	PM
2011 March Board Approvals									
Arkansas/Gunnison		Southeastern Colorado Water Conservancy District	The use of excess storage capacity in Blue Mesa Reservoir to avoid or reduce the impact of a Co River Compact curtailment in Co	Mar-11	\$49,000	\$196,000	\$245,000	Nonstructural project or activity	Todd
Arkansas	Chaffee	Arkansas Headwaters Recreation Area	Helena Diversion Structure/BV Boat Chute Improvement Project	Mar-11	\$35,000	\$290,000	\$325,000	Structural project or activity	Chris
Arkansas		Lower Arkansas Valley Water Conservancy District	Super Ditch Delivery Engineering	Mar-11	\$0	\$225,837	\$225,837	Nonstructural project or activity	Todd
Colorado	Mesa	Mesa Conservation District	Small Acreage Irrigation Audit Program – Grand Valley	Mar-11	\$18,273	\$0	\$18,273	Nonstructural project or activity	Jacob
Gunnison	Delta	Grand Mesa Water Conservancy District, Water Enterprise Fund	The Rehabilitation of Blanche Park Reservoir	Mar-11	\$75,000	\$0	\$75,000	Structural project or activity	Todd/Jacob
Gunnison	Montrose	Valley View Irrigation Association	Valley View Irrigation Improvement Project	Mar-11	\$11,817	\$0	\$11,817	Structural project or activity	Todd/Jacob
Rio Grande	Alamosa	Rio Grande Headwaters Land Trust	Rio Grande Initiative: North Rio Grande Ranch Conservation Easement	Mar-11	\$15,000	\$55,000	\$70,000	Nonstructural project or activity	Chris
South Platte	Sedgwick, Logan, Morgan, Washington	TBD	Alluvial Aquifer Accretion/Depletion Analysis Tool	Mar-11	\$0	\$200,000	\$200,000		Ray
Southwest		La Plata Water Conservancy District	La Plata River Water Resources Operations Model	Mar-11	\$0	\$148,823	\$148,823	Studies or analysis of nonstructural, nonconsumptive water project	Greg
Southwest		Montezuma Valley Irrigation Company	Groundhog Reservoir Bathymetric Survey	Mar-11	\$35,000	\$0	\$35,000	Nonstructural project or activity	Greg
Southwest	La Plata	Lake Durango Water Authority	Source Water Infrastructure Project	Mar-11	\$0	\$1,000,000	\$1,000,000	Structural project or activity	Greg
Southwest	Dolores	Town of Rico	Town of Rico Alluvium Pipeline Water Supply Project - Well Drilling and Water Quality Testing	Mar-11	\$20,000	\$68,000	\$88,000	Structural project or activity	Greg
Yampa	Routt	The Upper Walker Ditch Company	Yampa River/Walker Ditch River Restoration Project	Mar-11	\$20,000	\$20,000	\$40,000	Structural project or activity	Chris
Yampa		Moffat County Natural Resources Department	Yampa-White Basin Projects and Methods Analysis	Mar-11	\$38,000	\$152,000	\$190,000	Nonstructural project or activity	Jacob
2011 January Board Approvals									
Arkansas	Las Animas	Purgatoire River Water Conservancy District	Trinidad/Purgatoire River Reach 4 Demonstration Project	Jan-11	\$75,000	\$0	\$75,000	Structural and Non-structural water activity	Chris S.
2010 November Board Approvals									
Southwest	Montezuma, Dolores	San Juan Citizens Alliance	A Way Forward: The Dolores River Below McPhee Reservoir	Nov-10	\$25,000	\$0	\$25,000	Study or analysis of nonstructural, nonconsumptive water activity	Jacob
Southwest	La Plata	La Plata River and Cherry Creek Ditch Company	Diversion Improvement Project	Nov-10	\$25,000	\$0	\$25,000	Structural consumptive water project	Todd

Attachment 2

Southwest	La Plata	Animas La Plata Water Conservancy District	Recreational Plan for Lake Nighthorse	Nov-10	\$25,000	\$0	\$25,000	Study or analysis of nonstructural water activity	Jacob
Southwest	Archuleta	Aspen Springs Metro District	Aspen Springs Metro Water Filling Station	Nov-10	\$30,000	\$0	\$30,000	Structural consumptive water project	Greg
2010 Sept Board Approvals									
Arkansas	Pueblo	Fountain Creek Watershed Greenway and Flood Control District	Flathead chub movement associated with the Clear Springs Ranch diversion structure in Fountain Creek	Sep-10	\$7,000.00	\$28,000.00	\$35,000	Studies or analysis of structural, nonstructural, consumptive, nonconsumptive water needs, projects	Todd
Colorado	Garfield	Town of Gypsum	L.E.D.E. Ditch and Reservoir Reconstruction	Sep-10	\$50,000	\$175,000	\$225,000	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 (Approved May 2010)	\$98,000	\$98,000	Structural and nonstructural project or activity. (Note: Statewide request to be considered at September board meeting)	Greg
South Platte		Ducks Unlimited, Inc.	Development of a Decision Support Model for Identifying and Ranking Waterfowl and Wildlife Related Recharge Projects along the South Platte River	Sep-10	\$0	\$99,821	\$99,821	Structural project or activity	Todd
2010 July Board Approvals									
South Platte	Weld, Denver	NCWCD	Data Logger & Telemetry Install Project	Jul-10	\$46,000.00	\$0.00	\$ 46,000.00	Structural project or activity	Todd
2010 May Board Approvals									
Gunnison Basin	Gunnison	New Fiscal Agent	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)	Chris S.
2009 September Board Approvals									
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
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	Trout Unlimited Chapter	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	Jacob

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WSRA IN PROGRESS PROJECTS

UPDATED 04/27/11

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 Studies/analysis structural/nonstructural, consumptive/non water needs projects	C150406	\$200,000	\$352,000		06/30/11		In Progress	Todd
Arkansas	No information on Summary for counties	Colorado State Univ.	Geospatial decision support system for integrated water mgmt 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	100,000	\$500,000	600,000		C150441	\$599,931	Unknown		06/30/12		In Progress	Andy
Arkansas	Chaffee, Fremont, Custer	Upper Arkansas WCD	John Martin Wetlands & Neenoshe Reservoir Nonconsumptive Needs Quantification	Sep-08	75,000	\$210,332	285,332	Structural and/or nonstructural water project or activity	C150439	\$285,332	\$529,884		12/31/11		In Progress	Andy
Arkansas	Bent, Kiowa	Lower Arkansas Valley Water Conservancy District		May-09	148,975	\$0	148,975	Study/analysis of nonconsumptive water needs Study or analysis of non structural, consumptive, or nonconsumptive water needs and projects	C150457		\$43,250		06/30/11		In Progress	Jacob
Arkansas	Chaffee,Lake, Saguache	Upper Arkansas Water Conservancy District	UAWCD Hydrologic Water Balance Study	Sep-09	\$0	\$180,000	180,000	Studies or analysis of structural, nonstructural, consumptive, nonconsumptive water needs and project	C150460	\$180,000			06/30/13		In Progress	Todd
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 nonconsumptive water needs and project	11000000008	\$ 20,000.00			06/30/11		In Progress	Jacob
Arkansas	Chaffee, Fremont, Pueblo	Southeastern CO WCD	Stakeholders Coop Mgmt Analysis for the UARB	Jul-10	\$33,600.00	\$0.00	\$ 33,600.00		11000000012	\$33,600			06/30/11		In Progress	Jacob
Arkansas	Pueblo	City of Pueblo	Bedload/Sediment Collection and Removal Technology - Fountain Creek	Sep-09	\$75,000	\$150,000	\$225,000	Study or analysis of structural, non structural, nonconsumptive water needs, projects	C150465	\$ 225,000.00			6/30/2013		In Progress	Todd
Arkansas	Adams,Otero	Water Enviro Research Foundation	Demonstration of membrane zero liquid discharge process for drinking water systems Raising Awareness in 2012: A Statewide Celebration of Colorado Water	Sep-08	\$25,000	\$233,333	\$258,333	Technical assistance regarding permitting feasibility studies and environmental compliance	C150456	\$258,333			06/30/13		In Progress	Greg
Arkansas		Colorado Foundation for Water Education		Mar-11	\$0	\$30,515	\$30,515	Nonstructural project or activity	110000000113	\$30,515			12/31/2011		In Progress	Jacob
Arkansas Basin Total Request					477,575	\$1,504,180	1,981,755									
Number of Projects		10														
Colorado	Garfield, Eagle Grand, Pitkin, Eagle, Garfield, Summit,Mesa	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		01/31/13		In Progress	Jacob
Colorado		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		06/30/11		In Progress	Jacob
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					In Progress	Chris
Colorado	Grand County	Grand County	Fraser Sedimentation Basin Solicitation of stakeholder input and advice through a Colorado River Basin edition of Headwaters Magazine	Mar-08	\$60,000.00	\$127,900.00	\$187,900.00	Structural Water Project	C150449	\$187,900			6/30/2012		In Progress	Greg
Colorado	Grand, Summit, Eagle, Pitkin, Garfield, Mesa	Colorado Foundation for Water Education	Colorado	Sep-10	\$25,000	\$0	\$25,000	Nonstructural water project or activity	11000000039	\$25,000			06/30/11		In Progress	Jacob
Colorado	Garfield	Grand River Ditch Company	Grand River Ditch Pipeline	Sep-10	\$25,000	\$0	\$25,000	Structural project or activity	11000000097	\$25,000			06/30/11			Todd
Colorado Basin Total Request					490,171	\$127,900	618,071									
Number of Projects		8														
Southwest		San Juan Water Conservancy District	Dry Gulch Reservoir/San Juan Reservoir Land Acquisition Molas Lake Ditch Rehabilitation and Diversion Structures	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 Silverton Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)		Jan-09	95,000	\$0	95,000	Structural Project	9000000143		\$1,100,000		06/30/10	06/30/11	In Progress	Greg
Southwest			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		06/30/11		In Progress	Greg
Southwest	Montezuma	Bauer Lake Water Company	Bauer Lakes Water Co. Dam Outlet Structure Upgrade	Mar-08	40,000		40,000	Structural Project	1000000084	\$40,000	\$70,000		12/31/11		In Progress	Greg

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Southwest	La Plata, Archuleta	La Plata Archuleta Water District	La Plata Archuleta Water District	Sep-09	\$0	\$400,000	400,000	Technical assistance regarding permitting feasibility studies and environmental compliance	C150459	\$400,000	\$150,000	06/30/13	In Progress	Greg	
Southwest	La Plata	Florida Mesa Canal Companies	Canal Seepage Reduction Program	Sep-09	\$0	\$225,000	225,000	Technical assistance regarding permitting feasibility studies and environmental compliance; and study or analysis of structural project or activity	C150463	\$225,000					
Southwest	San Miguel	Town of Norwood	Raw Water System Update and Future Needs Study	Jan-10	\$0	\$58,458	58,458	Study/analysis of consumptive water project or activity	1000000085	\$58,458					
Southwest	Montezuma	Mancos Conservation District	Mancos River Diversion Project, Phase I	Nov-09	\$24,753	\$0	24,753	Study/analysis of structural nonconsumptive water project or activity	10000000111	\$24,753					
Southwest	La Plata	Red Mesa Reservoir and Ditch Company	Red Mesa Dam & Reservoir - Incremental Damage Analysis (IDA) & Emergency Action Plan (EAP)	May-09	\$29,000	\$0	\$29,000	Study or analysis of structural/nonstructural water needs, projects	1000000061	\$29,000		12/31/11	In Progress	Greg	
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	10000000125	\$ 31,500.00					
Southwest	La Plata	Florida Mesa Canal Companies	Canal Seepage Reduction Program	Sep-10	\$0	\$775,000	\$775,000	Structural and/	C150475	\$775,000		6/30/2013	In Progress	Greg	
Southwest	Montezuma	Dolores Water Conservancy District	Totten Reservoir Hydrographic Survey	Nov-10	\$29,500	\$0	\$29,500	Nonstructural water activity	110000000114	\$29,500					
Southwest Basin Total Request					349,753	\$2,458,458	2,808,211					12/31/2011	In Progress	Greg	
Number of Projects		15													
Gunnison	Delta	Leroux Creek Water Users Association (LCWUA)	Safety and Serviceability Needs Inventory for Reservoirs in the Leroux Creek Drainage Basin	May-07	60,000	\$0	60,000	Study/Analysis	8000000008	\$60,000	\$10,000	06/30/08	06/30/11	In Progress	Todd
Gunnison	Gunnison	North Fork Water Conserv District (NFWCD) and Fire Mountain Canal& Reservoir Company (FMCC)	Sedimentation Management Study For Paonia Reservoir - North Fork of the Gunnison	Sept-07	79,000	\$230,000	309,000	Study/Analysis	C150414	\$309,000	\$10,000				
Gunnison	Delta	Overland Ditch and Reservoir Company	Overland Reservoir Dam Expansion/Restoration	Sept-07	0	\$68,000	68,000	Feasibility Study and Environmental Permitting Assistance	8000000038	\$68,000	\$0	08/31/08	06/30/11	In Progress	Todd
Gunnison	Hinsdale	Upper Gunnison WCD	Phase II Engineering for Lake San Cristobal Outlet Modification	July-08	75,265	\$0	75,265	Study of structural project/activity	9000000041	\$75,265	\$0				
Gunnison	Hinsdale	Upper Gunnison WCD	Lake San Cristobal Outlet Structure Modification--Phase III	Sep-08	0	\$120,960	120,960	Studies or analysis of structural, nonstructural, consumptive, non consumptive water needs projects	C150444		\$0	06/30/11	In Progress	Todd	
Gunnison	Ouray	Town of Ridgway	Ridgway Ditch and Lake Otonawanda Improvement Project	Mar-09	109,500	\$0	109,500	Technical Assistance Regarding Permitting, Feasibility Studies, and Environmental Compliance; and Study or Analysis of a Structural Project	C150455	\$109,500	\$27,380				
Gunnison	Delta	Leroux Creek Wtr Users Association	Hanson Reservoir Outlet Rehab	Jul-10	\$50,000.00	\$0.00	\$ 50,000.00	Structural project or activity	11000000068	\$50,000	\$50,000				
Gunnison Basin Total Request					373,765	\$418,960	792,725								
Number of Projects		8										06/30/12	In Progress	Greg	
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				
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	OE11-08	\$ 20,000.00					
Metro		Douglas County Water Resource Authority	Feasibility Study for Bureau of Reclamation Funding from the National Rural Water Supply Act	Sep-09	\$100,000	\$500,000	\$600,000	Technical assistance regarding permitting feasibility studies and environmental compliance; and study or analysis of structural project or activity	C150470	\$600,000.00	\$1,125,000.00				
Metro	Douglas	Douglas County Water Resource Authority	Rotary Sprinkler Nozzle Retrofit	Sep-10	\$0	\$250,000	\$250,000	Structural project or activity	C150471	\$ 250,000.00	\$ 87,500.00				
Metro	Douglas	Rural Water Authority of Douglas County	Rural Douglas County groundwater-level monitoring network	Sep-10	\$28,263	\$84,792	\$113,055	Study or analysis of nonstructural project or activity	C150473	\$ 113,055.00	\$ 60,880.00				
Metro	Douglas, Arapahoe	South Metro Water Supply Authority	Aquifer Recharge Pilot Study	Sep-10	\$0	\$125,000	\$125,000	Study or analysis of consumptive water project or activity	Jacob	\$125,000					
Metro		South Metro Water Supply Authority	Aquifer Recharge Pilot Study	Sep-09	\$0	\$425,000	\$425,000	Study or analysis of consumptive water project or activity	Jacob	\$425,000					

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Metro	Den,Douglas,Adams Arap,Jeffco, Broomfield	Colorado Foundation for Water Education	Educating Denver Metro elected officials and decision makers on solutions-oriented water supply planning	Jan-11	\$14,820	\$0	\$14,820	Non-structural water activity	11000000083	\$14,820	\$0	10/31/11	In Progress	Jacob
Metro	Adams,Otero	Water Enviro Research Foundation	Demonstration of membrane zero liquid discharge process for drinking water systems	Sep-08	\$50,000	\$233,333	\$283,333	Technical assistance regarding permitting feasibility studies and environmental compliance	C150456	\$283,333		06/30/13	In Progress	Greg
Metro Basin Total Request					293,083	\$1,618,125	1,911,208							
Number of Projects		9												
North Platte		Town of Walden	Town of Walden Water Supply Improvement Project Effects of Mtn pine beetle & forest mgmt on water quantity, quality, & forest recovery N.P. and Upper CO River basins	Jul-08	385,000	\$0	385,000	Structural &/or Non-structural water project or activity	C150431	\$385,000	\$0	06/30/11	In Progress	Todd
North Platte		USFS	Monitoring the effects of weather conditions on the evapotranspiration in N.P.Basin	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
North Platte		Colorado Climate Center-- CSU		Sep-08	50,409	\$50,409	100,818	Studies or analysis of consumptive water needs project or activity	C150438	\$100,818	Volunteer	06/30/14	In Progress	Greg
North Platte	Jackson	Ducks Unlimited, Inc.	North Park Irrigated Meadow Conservation Program – Phase I	May-10	\$20,000	\$0	\$20,000	Environmental compliance and feasibility study. Technical assistance regarding permitting, feasibility studies, and environmental compliance.	10000000126	\$20,000	\$ 41,338	6/30/2014	In Progress	Greg
North Platte	Jackson	Walden Reservoir Company	Structure for Water Control Solicitation of stakeholder input through production of a North Platte Basin Education Package	Jan-11	\$36,000	\$0	\$36,000	Structural water project	11000000087	\$7,900		11/30/2011	In Progress	Greg
North Platte	Jackson	Colorado Foundation for Water Education		Jan-11	\$14,040	\$0	\$14,040	Non-structural water activity	11000000084	\$14,040	\$0	06/30/11	In Progress	Jacob
North Platte Basin Total Request					717,755	\$215,027	932,781							
Number of Projects		6												
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		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
Rio Grande		Colorado Rio Grande Restoration Foundation	Rio Grande Conservation Reserve Enhancement Program (CREP) Phase II - Implementation	Sep-09	31,500	\$0	31,500	Environmental compliance & feasibility study, technical assist regarding feasibility studies & environmental compliance, analysis of consumptive & nonconsumptive water projects	10000000056		\$0	12/31/11	In Progress	Greg
Rio Grande		Trinchera Irrigation Company	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	Costilla Saguache, Rio Grande, Conejos, Archuleta, Alamosa, Hinsdale, 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	11000000053	\$40,000	\$102,000	06/30/11	In Progress	Greg
Rio Grande		Rio Grande Watershed Conservation and Education Initiative	Educating Today to Balance Tomorrow's Water Supplies & Needs	May-10	\$25,000	\$0	\$25,000	Nonstructural project or activity	11000000059	\$25,000	\$163,900	06/30/12	In Progress	Jacob
Rio Grande	Rio Grande	The Colorado Rio Grande Restoration Foundation and McDonald Ditch Company	The McDonald Ditch and Plaza Project – Phase I - Planning	Jan-11	\$40,000	\$0	\$40,000	Studies or analysis of structural, nonstructural, consumptive, and nonconsumptive water project	110000000102	\$40,000	\$50,000	12/31/11	In Progress	Chris S.
Rio Grande	Conejos	Manassas Land and Irrigation Company	Conejos North Branch Water Conservation and Management	Jan-11	\$75,000	\$0	\$75,000	Structural project or activity	110000000109	\$75,000		6/30/2012	In Progress	Greg
Rio Grande Basin Total Requests					500,500	\$541,700	1,042,200							
Number of Projects		10												
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	06/30/11 Extended	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 06/30/11	In Progress	Todd
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	12/31/10	In Progress	Todd

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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	06/30/11	In Progress	Todd
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	06/30/11		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		06/30/12		In Progress	Todd
South Platte	Larmier, Weld, Logan, Sedgwick, Wash, Phillips, Yuma	Co Climate Center, CSU	Co Agricultural Meteorological Network (CoAgMet)	Jul-10	\$20,000.00	\$0.00	\$ 20,000.00	Structural project or activity	11000000079	\$ 20,000		06/30/12		In Progress	Greg
South Platte	Morgan, Washington, Logan, Sedgwick	Lower South Platte Water Conservancy District	Lower South Platte Water Cooperative South Platte Basin Organizational Analysis	Sep-10	\$60,977.00	\$200,000.00	\$260,977.00	Studies or analysis of structural, nonstructural, consumptive, nonconsumptive water needs, projects	C150476	\$260,977.00	\$100,000	6/30/2012		In Progress	Todd
South Platte	Adams,Otero	Water Enviro Research Foundation	Demonstration of membrane zero liquid discharge process for drinking water systems	Sep-08	\$25,000	\$233,333	\$258,333	Technical assistance regarding permitting feasibility studies and environmental compliance	C150456	\$258,333		06/30/13		In Progress	Greg
South Platte Basin Total Request					872,871	\$1,758,821	2,631,692								
Number of Projects		11													
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	06/30/11	In Progress	Todd
Y/W/G	Rio Blanco/Garfield/Moffat	The Nature Conservancy Bear River Reservoir Company	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	C150466			06/30/12		In Progress	Jacob
Y/W/G	Garfield,Routt		Stillwater Reservoir Seepage Project Improvement of lysimeter operations and consumptive use quantification in high-altitude, irrigated meadows in the Yampa /White Basin	Sep-09	\$189,000	\$0	\$189,000	Structural and/or nonstructural water project or activity	C150469			06/30/12		In Progress	Jacob
Y/W/G	Routt	Colorado Climate Center, Colorado Division of Water Resources		Sep-10	\$10,000	\$10,978	\$20,978	Studies or analysis of structural, nonstructural, consumptive, nonconsumptive water needs, projects	11000000058	\$20,978		06/30/15		In Progress	Greg
Yampa/White/Green	Rio Blanco/Garfield/Moffat	Colorado River WCD	Water Storage Feasibility	Jan-10	\$220,800	\$0	\$220,800	Technical assistance regarding permitting, feasibility studies, and environmental compliance. Study of Structural Project	C150472	\$220,800	\$56,200	06/30/13		In Progress	Jacob
Y/W/G Basin Total Request					649,864	\$10,978	660,842								
Number of Projects		7													
Total WSRA Project In Progress					84	\$ 4,725,336.81	\$ 8,654,149.92	13,379,487							

WSRA COMPLETED PROJECTS

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Updated 04/27/11

Basin	County	Applicant	Name of Water Activity	CWCB Mtg Approved	Basin Account	Statewide Account	Total Request	Type of Water Activity	Number	Match Funds Authorized	Match Funds Paid	Expire	Closed	PM	
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				06/30/09	Todd	Completed
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					Andy	Completed
Arkansas	El Paso	El Paso County Water Authority	Ground Water Conference Fountain Creek Vision Task Force	Mar-07	\$24,721	\$0	\$24,721	Study/analysis of nonstructural activity	8000000010			10/10/07	06/30/09	Andy	Completed
Arkansas	Pueblo, ElPaso, Teller	Pueblo and El Paso Counties		May-07	\$75,000	\$0	\$75,000	Facilitation and Analysis	8000000084			06/30/09	06/30/09	Eric	Completed
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			09/02/09	09/17/09	Todd	Completed
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					Eric	Completed
Arkansas	Pueblo,Otero/ Crowley, Bent, Powers, Fremont, Chaffee, ElPaso, Kiowa	Southeastern Colorado Water Conservancy District	Model Transfers- Agriculture to Urban, Arkansas Basin Arkansas Headwaters Diversion Structure	Jan-08	\$23,860		\$23,860	Study/analysis of structural/nonstructural project	8000000135					Eric	Completed
Arkansas	Lake, Chaffee, Fremont	Greater Arkansas River Nature Association	Improvement Project Arkansas River Basin	Mar-08		\$57,955	\$57,955	Study/Analysis Consumptive and Non- Consumptive Project	9000000025				Closed 8/31/09	Ted	Completed
Arkansas	Bent	City of Las Animas	City of Las Animas Water System Improvements Rotational Land Fallowing- Water Leasing Program -Lower Arkansas Super Ditch Company	Mar-08	\$100,000	\$200,000	\$300,000	Structural/Non-Structural Water Activity	C150424	\$2,022,000		12/31/09	09/23/09	Todd (Kirk?)	Completed
Arkansas	Pueblo, Otero, Crowley,Bent, Powers	Lower Arkansas Water Conservancy District	Colorado State Parks Zebra Mussel Response	Jan-08	150,000		150,000	Study/analysis of nonstructural activity	C150425	\$68,735		06/30/10	05/15/10	Todd	Completed
Arkansas	Pueblo	Colorado State Parks		Mar-08	0	\$1,000,000	1,000,000	Structural and Non- Structural water project	C150416	\$3,000,000		06/30/09	06/30/10	Todd	Completed
Arkansas Basin Total Request Number of Projects						\$583,781	\$1,307,955	\$1,891,736							
		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	\$0		06/30/10	02/25/09	Eric	Completed
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	\$118,707		12/31/09	12/17/09	Eric	Completed
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					Chris	Completed
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			06/30/08	Closed	Todd	Completed
Colorado	Grand County	Grand County	Vail Ditch Project Feasibility and design assessment of off-channel reservoir sites in the Crystal River water shed	Mar-07	\$0	\$1,500,000	\$1,500,000	Structural and Nonstructural water activity	C150409			06/30/08	Closed		Completed
Colorado	Garfield, Pitkin	West Divide WCD		Sep-08	\$40,000	\$0	\$40,000	Structural and/or non structural water project or activity	9000000052			08/31/09	09/02/09	Mike	Completed
Colorado	Summit	Summit County	Old Dillon Reservoir	Mar-08	\$100,000	\$0	100,000	Study/Analysis of consumptive project	9000000026	\$49,360		06/30/09	03/02/10	Kirk	Completed
Colorado		Grand County	Grand County Stream flow Management Plan	May-08	\$100,000	\$0.00	100,000	Study/Analysis of Non- consumptive needs/project	C150461			06/30/11	12/16/10	Todd	Completed

								Study of consumptive water needs assoc. w/energy develop. in the CO, White& Yampa river basins							
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		C150407	\$150,000	\$0	03/31/11	03/31/11	Jacob	Completed
Colorado Basin Total Request						\$330,000	\$2,100,000	\$2,430,000							
Number of Projects		9													
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				07/31/09	Eric	Completed
Southwest		Mancos Water Conservancy District	Jackson Gulch Reservoir Expansion Project	July-07	\$61,735	\$0	\$61,735	Feasibility Study	8000000076			06/30/09	06/30/09	Todd	Completed
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		Todd (Kirk?)	Completed
								Environmental/Technical feasibility studies and studies or analysis of structural and/or non structural water project or activity							
Southwest	La Plata/Archuleta	La Plata Archuleta Water District	Water System Master Planning	Nov-08	\$100,000	\$0	\$100,000	Structural water project or activity	9000000112	None		12/31/09	12/22/09	Eric	Completed
Southwest	Archuleta	Park Ditch Company	Park Ditch Improvements	Jul-09	\$85,000	\$0	\$85,000	Structural water project or activity	10000000011	\$132,375		06/30/11	12/09/09	Greg	Completed
Southwest	La Plata	Happy Scenes	Water System Well, Treatment System and Distribution Upgrades	16-Sep-08	\$39,760	\$50,000	\$0	Structural Project	9000000127	\$87,100		06/30/10	11/17/09	Greg	Completed
Southwest		Town of Sawpit	Town of Sawpit – Engineering/Planning for Domestic Water System; Southwest Basin	Mar-08	25,000	\$0	25,000	Study Structural Project	9000000006	\$6,700		06/30/09	06/07/10	Anna	Completed
								Analysis and Construction of Structural Nonconsumptive Water Project							
Southwest		Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Mar-09	100,000	\$0	100,000	Environmental/Technical feas. studies & studies/analysis of structural &/or non structural wtr project or activity	C150450	\$284,000		06/30/10	06/30/10	Greg	Completed
Southwest		Summit Reservoir and Irrigation Company	MVIC Summit Irrigation Company feasibility study	Sep-08	39,300	\$0	39,300	Structural and/or nonstructural water project or activity	9000000085	\$0		08/31/10	08/31/10	Kirk	Completed
Southwest		Lower Blanco River Restoration	Lower Blanco River Restoration Project	Sep-09	0	\$150,000	150,000	Structural Project	C150468	\$0		06/30/12	12/17/10	Greg	Completed
Southwest	Montezuma	Goodman Point Water Association	Goodman Point Phase 2	Sept-07	\$20,000.00	\$240,000	260,000	Study or analysis of non structural,	C150462	\$260,000		06/30/12	3/16/11	Greg	Completed
Southwest	La Plata	San Juan Resource Conservation and Development - Animas Watershed Project	Animas River Needs Assessment	Sep-09	\$57,000	\$0	\$57,000	nonconsumptive water needs and projects	11000000028	\$57,000		9/30/2012	4/26/2011		Completed
Southwest Basin Total Request					\$635,495	\$1,440,000	\$2,075,495								
Number of Projects	12														
								Technical assistance regarding permitting, feasibility studies, and environmental compliance							
Gunnison	Hinsdale	Upper Gunnison Water Conservancy District and Hinsdale County	Lake San Cristobal Controlled Outlet Structure	May-07	\$35,000	\$0	\$35,000		8000000021				Closed	Todd	Completed
Gunnison	Delta	Town of Orchard City	Orchard City Water Reservoir Project (Task 1-3)	May-07	\$60,000	\$0	\$60,000	Study/Analysis	8000000007					Todd	Completed
Gunnison	Delta	Town of Orchard City	Orchard City Water Reservoir Project (Remaining Tasks)	Sept-07	\$0	\$380,000	\$380,000	Study/Analysis	C150410			12/31/08	Closed	Todd	Completed
								Environmental Compliance and Feasibility Study							
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		80000000059				Closed	Todd	Completed
								Structural--development of construction plans and specifications for project							
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		C150411			12/31/08	Closed	Todd	Completed

Gunnison	Mesa	City of Grand Junction Water Enterprise Fund	Juniata Reservoir Spillway Modification	Mar-09	\$97,000	\$0	\$97,000	Structural Water Project	9000000088	\$97,586	\$66,914	06/30/10	12/15/09	Jacob	Completed
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	\$1,000		06/30/10	01/25/10	Greg	Completed
Gunnison	Ouray	City of Ouray	Development of Augmentation Supplies	May-09	50,000	\$0	50,000	Structural and/or nonstructural water project or activity	10000000041	\$50,000	\$87,129	06/30/11	04/08/11	Todd	Completed
Gunnison Basin Total Request															
Number of Projects															
8															
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						Chris	Completed
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				01/08/09	Eric	Completed
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			12/31/09	10/02/09	Todd	Completed
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					Todd	Completed
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	In-kind		12/31/09	12/31/10	Andy	Completed
Metro	Denver	Greenway Foundation	South Platte River Recreation and Habitat Feasibility Study	Sep-08	150,000	\$0	150,000	Study/analysis of structural, non structural, nonconsumptive water needs, projects	C150442	\$0			06/30/10	Chris	Completed
Metro	Park, Jeffco,CC, Gilpin	Clear Creek County on behalf of Upper Mountain Counties Water Needs Consortium	Upper Mountain Counties Water Needs Assessment	May 2008	43,587	\$0	43,587	Study/Analysis	C150429	\$8,070		06/30/11	12/31/10	Eric	Completed
Metro Basin Total Request															
Number of Projects															
8															
North Platte		Silver Spur Operating CO.	New Pioneer Ditch Diversion Reconstruction Project	Mar-08	\$116,000	\$0	\$116,000	Structural/Non-Structural Water Activity	C150421			12/31/09		Chris	Completed
North Platte		CSU	Identification and assessment of important wetlands in N.P. River watershed	Sep-08	86,000	\$96,000	182,000	Studies or analysis of nonconsumptive water needs project or activity	C150433	\$10,000		06/30/10	06/30/10	Todd	Completed
N Platte Basin Total Request															
Number of Projects															
2															
Rio Grande		Alamosa Riverkeepers	Alamosa River In-stream Flow Project	Mar-07	\$64,500	\$0	\$64,500	Study/Design for Structural Water Project	7000000076					Chris	Completed
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				Closed	Todd	Completed
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				Closed	Chris	Completed
Rio Grande		Romero Irrigation Company	Romero-Guadalupe Channel Rectification Project	Sept-07	\$83,700	\$0	\$83,700	Structural Water Project	8000000060				Closed	Eric	Completed
Rio Grande		Rio Grande Headwaters Land Trust	Rectification Project					Structural/Non-Structural Water Activity	C150420				Closed	Todd	Completed
Rio Grande	Conejos	El Codo Ditch Company	Rio Grande Initiative 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	\$23,445		12/31/09	12/08/09	Greg	Completed
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	\$98,000			06/30/10	Chris S	Completed

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	\$0	06/30/10	06/30/10	Kirk	Completed	
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	06/30/11	02/03/11	Kirk		
RGrande Basin Total Request				\$549,950	\$2,225,700	\$2,775,650								
Number of Projects	9													
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					Todd /Tom	Completed	
South Platte	Clear Creek County	Clear Creek Water Banking/High Altitude Storage Solicitation of Stakeholder	May-07	\$52,000	\$0	\$52,000	Environmental Compliance/Feasibility Study	8000000037		Closed		Eric		
South Platte	Colorado Foundation for Water Education	Input through a South Platte Edition of Headwaters	Jul-08	\$16,019	\$0	\$16,019	Non-structural water project or activity	9000000019				Todd		
South Platte	Ducks Unlimited, Inc. Clear Creek County on behalf of Upper Mountain Counties Water Needs Consortium	Lower South Platte Wetland Initiative Phase I South Platte River, CO	Sept-07	\$0	\$278,476	278,476	Specifies all eligible activities	C150415	\$500,255			Todd	Completed	
South Platte		Upper Mountain Counties Water Needs Assessment	May 2008	130,763	\$0	130,763	Study/Analysis Environmental compliance/Tech. Assist./Studies or analysis of structural, nonstructural, consumptive, nonconsumptive wtr needs projects	C150429	See Metro	06/30/10	12/31/10	Eric		
South Platte	City of Greeley	Halligan Seaman Water Mgmt project share vision planning model	Sep-08	25,435	\$76,305	101,740		C150436	\$271,109	06/30/10	06/30/10	Eric		
South Platte Basin Total Request				\$251,217	\$354,781	\$605,998								
Number of Projects	6													
Y/W/G	Upper Yampa Water Conservancy District	Morrison Creek Reservoir Feasibility Study	July-07	49,500	\$0	49,500	Feasibility Study	8000000058	\$0	03/31/08	02/25/10	Todd	Completed	
Y/W/G	Vermillion Ranch	Sparks Reservoir	Jul-08	16,000	\$0	16,000	Study/Analysis of Consumptive Activity/Project	9000000039	\$3,000	12/31/08	02/25/10	Todd		
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	Jacob		
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	12/31/10	Jacob	Completed	
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	\$50,000	6/31/10	12/31/10	Todd		
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	\$0	12/31/10	12/31/10	Eric		
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	03/31/11	03/31/11	Jacob	Completed
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	02/14/11	Completed	Jacob	

Y/W/G Basin				
Total Request	8	423,510	\$248,835	\$672,345
Water Supply				
Reserve				
Account				
Total				
Requests		\$4,107,899	\$8,415,971	\$12,523,870

Colorado Watershed Restoration Program Update

Applicant	Project	Funding Request	Match Funding	CWCB Funding Awarded
Coalition for the Upper South Platte	Trail Creek Restoration Initiative	\$50,000	\$550,000	\$50,000
Trout Unlimited – Rio Grande	Kerber Creek Restoration Project	\$59,000	\$59,000	\$37,000
Trout Unlimited - Gunnison Gorge Chapter - Gunnison	Relief Ditch Diversion Reconstruction	\$100,000	\$400,760	\$25,000
Chatfield Watershed Authority – South Platte	North Massey Draw Drainage Improvements at Ken-Caryl Ranch	\$161,712	\$161,712	\$20,000
West Denver Trout Unlimited – South Platte	The Canyon Reach on Clear Creek (Stream Restoration)	\$20,300	\$341,700	\$20,300
Co. Mountain College - Arkansas	Union Creek Streambank Stabilization Project	\$59,995	\$59,995	\$30,000
Coal Creek Watershed Coalition - Gunnison	Halazon Ditch Diversion Reconstruction Project	\$21,205	\$21,924	\$13,705
Colorado Water Trust – San Juan/Dolores	C.C.C. Ditch Diversion Project	\$39,325	\$285,175	\$39,325
Rocky Mountain Field Institute - Arkansas	Upper West Beaver Creek Watershed Erosion Control and Restoration Project	\$7,115	\$52,579	\$7,115
Wildlands Restoration Volunteers – South Platte	Boulder Creek Riparian Restoration	\$8,200	\$38,685	\$8,200
Animas River Partnership – San Juan/Dolores	Animas River and Lightner Creek Restoration Planning	\$13,220	\$13,240	\$13,220
Blue River Watershed Group - Colorado	Watershed Plan Development - Upper Swan River Watershed	\$25,000	\$25,000	\$25,000
Upper Walker Ditch Company/Walker Ditch Co. - Yampa	Yampa River/Walker Ditch River Restoration Project	\$20,000	\$112,250	\$20,000
Town of Rockvale - Arkansas	Oak Creek Watershed Management & Flood Mitigation Plan	\$55,000	\$55,000	\$0
Trout Unlimited - Colorado Water Project - Yampa	Restoration monitoring in the upper Elkhead Creek Basin	\$19,645	\$19,700	\$0
			\$2,196,720	\$308,865

**May 17-18, 2011 Board Meeting
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 CWCBC's water right:

(1) Case No. 1-10CW189 -- Application of Spring Valley Mutual Water Association

The Board ratified this statement of opposition at its November 2010 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicants' plan for augmentation does not injure the Board's instream flow water right on Boulder Creek. Applicants' proposed plan for augmentation may not have replaced depletions in the same amount, timing or location of use. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCBC's instream flow water right will not be injured.

The Board holds the following instream flow water right that could have been injured by this application:

CWCBC Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-90CW193A	Boulder Creek	2.43	10/1/1860	St. Vrain	Boulder
1-90CW193B	Boulder Creek	15.0	5/15/1956	St. Vrain	Boulder
1-90CW193C	Boulder Creek	1.50	2/9/1904	St. Vrain	Boulder
1-90CW193D	Boulder Creek	12.17	10/1/1862	St. Vrain	Boulder
1-90CW193E	Boulder Creek	1.80	6/1/1862	St. Vrain	Boulder
1-90CW193F	Boulder Creek	0.64	6/1/1862	St. Vrain	Boulder
1-90CW193G	Boulder Creek	0.50	9/6/1928	St. Vrain	Boulder
1-90CW193H	Boulder Creek	0.45	11/15/1859	St. Vrain	Boulder
1-74W7636	Boulder Creek	15.0	10/1/1973	St. Vrain	Boulder
1-79CW308	Boulder Creek	1.0	6/1/1862	St. Vrain	Boulder

The CWCBC and the Applicants have agreed to the entry of a decree that will prevent injury to the Board's ISF water right on Boulder Creek. The Applicants have agreed to the following terms and conditions:

- Total pumping from Well 1 and Well 2, and any other wells added to the plan, will be limited to 12 acre-feet per accounting year unless additional replacement sources are added pursuant to the procedure described in the decree.

- If Spring Valley seeks to add a well to this plan for augmentation, either as a new well, supplemental well or an alternate point of diversion for an existing well, it shall file an application with the water court to add the well to the plan for augmentation.
- Pursuant to C.R.S. 37-92-305(8), the State Engineer shall curtail all out-of-priority diversions which are not so replaced as to prevent injury to vested water rights.
- Spring Valley shall install and maintain such measuring devices as the State Engineer or his agents may reasonably require for administration of the underground water rights and plan for augmentation.
- Pursuant to C.R.S. 37-92-304(6), the plan for augmentation decreed herein shall be subject to the court's retained jurisdiction for a period of five years from the date of entry of this Ruling and Decree.

(2) Case Nos. 5-06CW278 and 5-07CW154 -- Applications of John L. Morris

The Board ratified the statements of opposition filed in these cases at its November 2007 and September 2009 meetings. The Board's main objective in filing these statements of opposition was to ensure that the Applicant's plan for augmentation does not injure the Board's instream flow rights on the Crystal River. Applicants' proposed plan for augmentation and exchange may not replace depletions in the same amount, timing or location of use.

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
5-75W2720	Crystal River	100 (5/1 – 9/30) 60 (10/1 – 4/30)	5/1/1975	Roaring Fork	Pitkin/ Garfield
5-75W2721	Crystal River	80 (5/1 – 9/30) 40 (10/1 – 4/30)	5/1/1975	Roaring Fork	Pitkin/ Gunnison

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 Crystal River. The Applicants have agreed to the following terms and conditions:

- This plan does not augment irrigation uses from the ponds. In the event a call is placed on Coal Creek, the Crystal River or Colorado River, Applicant may continue to divert water from storage from one or more of the ponds for irrigation use provided that Applicant has ceased diversions into the respective pond(s) during such periods of call. Applicant shall give notice to the Division Engineer that it will be diverting water from storage should Applicant elect to divert for irrigation purposes during a call.
- In the event a call is placed in the future on Coal Creek or the Crystal River, diversions into the Coal Creek Augmentation Pond will be curtailed when the storage rights are out of priority and water stored in the Coal Creek Augmentation Pond will be released to replace out of priority depletions from the water storage rights described above. When a call is placed on the Colorado River, and where senior water rights on the Crystal River and Coal Creek are otherwise satisfied, Applicant will cause contract releases from West Divide WCD's sources to be made to satisfy such a call. Actual transit losses will be determined and assessed at the time releases are made and may be modified per CRS 37-80-102(7) & CRS 37-83-104 as determined necessary by the Division Engineer.

- The Colorado Water Conservation Board has adjudicated instream flow water rights on the Crystal River that were decreed prior to the filing of this application. Applicant shall provide replacement water pursuant to the plan for augmentation from sources upstream of these instream flow water rights, or shall curtail diversions, whenever these instream flow water rights are not fully satisfied.
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- The water to be provided for augmentation shall be of a quality and quantity so as to meet the requirements for which the water has been used by senior downstream appropriators, and therefore meets the requirements of C.R.S. § 37-92-305(5).

The subject water storage rights shall be constructed so as not to intercept groundwater.

- The parties further agree that upon the entry of a decree favorable to the Applicant in Case No. 5-06CW278, Applicant shall withdraw the Application filed in Case No. 5-07CW154, District Court, Water Division No. 5. The CWCB consents that the Applicant's withdrawal of the Application in Case No. 07CW154 may be without prejudice.
- 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 this plan.

(3) Case No. 5-07CW196—Application of Sopris Mountain Ranch Homeowners Association

The Board ratified the statement of opposition filed in this case at its March 2008 meeting. The Board's main objective in filing this statement of opposition was to ensure that the Applicant's changes of water rights do not injure the Board's instream flow rights on Sopris Creek, West Sopris Creek and the Roaring Fork River. The proposed changes may result in an expansion of the historic use of the water rights.

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
5-76W2939	West Sopris Creek	3	1/14/76	Roaring Fork River	Pitkin
5-78W2720	Sopris Creek	5	1/14/76	Roaring Fork River	Pitkin
5-85CW639	Roaring Fork River	145/75	11/8/85	Roaring Fork River	Pitkin

The CWCB and the Applicant have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights on Sopris Creek, West Sopris Creek and the Roaring Fork River.

The Applicants have agreed to the following terms and conditions:

- 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 this plan. The applicant shall also file an annual report with the Division Engineer by November 15th following each preceding irrigation year (November 1 through October 31) summarizing diversions by structure, dry-up in acres by structure, acres of new irrigation by structure, acres of pond surface, details of any other use, and depletions under this change of water right decree.

- Applicant must obtain a decreed plan for augmentation prior to its use of the consumptive use credits decreed herein for augmentation use. Such use shall be limited to augmentation of its members' potential outdoor uses of water from otherwise household-use-only domestic wells.
- Applicant shall dedicate 0.30 acre-feet of its October consumptive use credits to the stream to replace the reduction in delayed return flows in November through January.
- The changes of water rights decreed herein shall be subject to reconsideration by the Water Judge on the question of injury to the vested water rights of others for a period of five years from the date when Applicant notifies the Court, Division Engineer, and Opposers that it has implemented the change of water rights.

(4) Case No. 5-10CW147—Application of Elk Mountain Lodge

The Board ratified the statement of opposition filed in this case at its September 2010 meeting. The Board's main objective in filing this statement of opposition was to ensure that the Applicant's plan for augmentation and exchange does not injure the Board's instream flow rights on Castle Creek and the Roaring Fork River. The proposed plan for augmentation and exchange may not replace out-of-priority depletions in time, place and amount.

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
5-85CW639	Roaring Fork	145/75	11/8/1985	Roaring Fork	Pitkin, Garfield, Eagle
5-85CW646	Roaring Fork	55/30	11/8/1985	Roaring Fork	Pitkin, Eagle
5-76W2947	Castle Creek	12.0	1/14/1976	Roaring Fork	Pitkin
98/5/ACQ-01A	Castle Creek	12.0	11/16/1885	Roaring Fork	Pitkin
98/5/ACQ-01B	Castle Creek	12.0	8/27/1950	Roaring Fork	Pitkin
98/5/ACQ-01C	Castle Creek	12.0	3/1/1902	Roaring Fork	Pitkin
98/5/ACQ-01D	Castle Creek	12.0	1/10/1926	Roaring Fork	Pitkin

The CWCB and the Applicant have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights on Castle Creek and the Roaring Fork River.

The Applicants have agreed to the following terms and conditions:

- Applicant shall curtail diversions made pursuant to its water storage rights and/or exchange to the extent necessary to meet a valid call made by CWCB pursuant to its instream flow rights described above, if Applicant's plan for augmentation is not fully replacing all depletions in time, location, and amount.
- Pursuant to C.R.S. § 37-92-502(5), 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 this plan. Applicant shall also file an annual report with the Division Engineer by November 15th of each year summarizing diversions and replacements made under this plan.

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- Prior to the construction and/or operation of the subject well pursuant to this plan, the Applicant shall obtain a well permit issued pursuant to C.R.S. § 37-90-137(2) and this plan for augmentation, subject to and conditioned upon the rulings and findings made herein. No such well permit shall be issued until the Upper Elk Mountain Reservoir and Lower Elk Mountain Reservoir have been constructed and filled with adequate replacement water and written notice has been provided to the Division Engineer. Such notice shall include as-built stage capacity tables, and estimate of the active capacity of the reservoirs, a profile of the reservoirs showing the elevation of inlet and outlet structures, and confirmation that an operable and lockable outlet structure has been installed.
- Applicant shall give adequate notice to the Division Engineer prior to operating the exchange
- Pursuant to C.R.S. § 37-92-305(8), the State Engineer shall curtail all out-of-priority diversions, the depletions from which are not so replaced as to prevent injury to vested water rights.

(5) Case No. 6-07CW119 -- Application of Morrison Creek Metropolitan Water & Sanitation District

The Board ratified the statement of opposition filed in this case at its March 2008 meeting. The Board's main objective in filing this statement of opposition was to ensure that the Applicant's change of water rights does not injure the Board's instream flow right on Little Morrison Creek. The proposed changes in use may result in an expansion of the ground water rights.

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
6-77W1324	Little Morrison Creek	1	9/23/77	Upper Yampa	Routt

The CWCB and the Applicant have agreed to the entry of a decree that will prevent injury to the Board's ISF water rights on Little Morrison Creek.

The Applicant has agreed to the following terms and conditions:

- In order to settle this case without trial, the parties have agreed that groundwater withdrawn from Stagecoach Well No. 2 is tributary to Little Morrison Creek.
- Since 1973, the District has diverted and beneficially used water from Stagecoach Well No. 2 at a maximum rate of 120 gpm and total annual diversion of 180 AF for municipal purposes within the District's boundaries.

- The diversion of water by the District into its municipal water supply system from Stagecoach Well No. 2 at the flow rate of 120 gpm and for a maximum annual quantity of 180 AF was a present use and practice within the meaning of CRS 37-92-102(3)(b) as of the date of appropriation of the Little Morrison Creek instream flow right. The Parties agree that the Little Morrison Creek instream flow right is subject to diversion at 120 gpm and a maximum annual diversion of 180 AF from Stagecoach Well No. 2.
- The District may divert a portion of the preexisting amount for Stagecoach Well No. 2 at the location of Stagecoach Well 2R. Well No. 2R is located 53 feet from Well No. 2. The District may divert up to 100 gpm and 160 AF/yr at Well No. 2R instead of diverting that amount of water at Stagecoach Well No. 2. The District shall not simultaneously divert Well Nos. 2 and 2R. The total cumulative annual diversions from Well Nos. 2 and 2R shall not exceed 180 AF. The parties agree that diverting water at the location of Stagecoach Well No. 2R, subject to these limitations and those stated in the proposed decree, shall not result in any greater depletion than the District's preexisting use of Well No. 2.
- The limited subordination of the instream flow water right to the District's preexisting use of water at the location of Stagecoach Well Nos. 2 and 2R pursuant to CRS 37-92-102(3)(b) shall not interfere with the administration of the District's water rights for Stagecoach Well Nos. 2 and 2R as against other water rights, and shall not result in general subordination of the CWC's Little Morrison Creek decreed instream flow right to any other water rights junior to that instream flow right.
- The Court shall retain continuing jurisdiction of this case on the question of injury to vested water rights or decreed conditional water rights of others, as a result of the changes of water rights herein, from the date of entry of this decree until 5 years after the date on which 96 AF is diverted during one year at the points of diversion changed herein. 96 AF is equal to 60% of 160 AF which is the total annual amount of water that may be diverted under the Stagecoach Well No. 5 water rights changed herein. Applicant shall file a notice with the Court and the parties in this case within 90 days of diverting that amount.

(6) Case No. 5-05CW161 -- Application of Crown Mountain Park & Recreation District and Eagle County Board of County Commissioners

The Board ratified the statement of opposition filed in this case at its November 2005 meeting. The Board's main objective in filing this statement of opposition was to ensure that the Applicant's plan for augmentation does not injure the Board's instream flow right on the Roaring Fork River. The proposed plan for augmentation may not replace out-of-priority depletions in amount, time and location.

The Board holds the following instream flow water right that could have been injured by this application:

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-85CW639	Roaring Fork	145/75	11/8/1985	Roaring Fork	Pitkin, Garfield, Eagle

The CWCB and the Applicant have agreed to the entry of a decree that will prevent injury to the Board's ISF water right on the Roaring Fork River.

The Applicant has agreed to the following terms and conditions:

- The right to fill and re-fill the Crown Mountain Pond will be limited to freshening flows to occasionally top off the Pond, and to replace evaporation losses whenever water is available in priority or at such times as any out-of-priority depletions are offset by implementation of the augmentation plan. The total combined annual depletions associated with irrigation and pond evaporation losses will be 85.66 AF.
- The augmentation plan assumes free river conditions will exist from November - June and that the maximum anticipated out-of-priority depletions attributable to evaporation losses from the Crown Mountain Pond and irrigation uses during the period July through October are 48.99 AF.
- The applicant has committed to augment any out-of-priority depletions occurring during November through June as follows: if in any year the amount of augmentation water available to this plan by contract (56 AF) is exhausted, the applicant agrees to make releases from the Crown Mountain Pond of up to 35 AF to replace lagged out of priority depletions.
- Before out-of-priority diversions are allowed, applicant must demonstrate to the satisfaction of the Division Engineer that the existing augmentation structures are capable of replacing the required amounts to the Roaring Fork River.
- To assure that sufficient augmentation water is available to replace lagged depletions in the irrigation year immediately following a year in which releases for augmentation are made from the Crown Mountain Pond, the applicant agrees to limit its irrigation so that depletions do not exceed the amount of contract augmentation water available.
- Supplemental or replacement wells will be automatically incorporated in this plan for augmentation so long as depletions are not increased, and lagged depletions are estimated to the satisfaction of the Division Engineer.
- The plan for augmentation shall be subject to reconsideration by the Water Judge on the question of injury to the vested water rights of others for a period beginning with the date of decree and extending until five (5) years after the Applicants have provided written notice to the parties, the Division Engineer, and the Court that the augmentation plan has become operational and that 75% of the maximum anticipated out-of-priority depletions under this plan (48.99 AF) have been fully augmented.
- The Applicants shall install measuring devices, provide accounting, and supply calculations regarding the timing of depletions as required by the Division Engineer for the operation of this plan.

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

1313 Sherman Street, Room 721
Denver, Colorado 80203
Phone: (303) 866-3441
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www.cwcb.state.co.us



TO: Colorado Water Conservation Board Members

FROM: Kirk Russell, P.E. Design & Construction Manager
Finance Section

DATE: May 6, 2011

SUBJECT: **Directors Report - May 17/18, 2011 Board Meeting**
Finance Section – Design & Construction Status Report

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

The CWCB Finance Section has Substantially Completed four projects in 2011. There are currently 46 projects in design and/or under construction, involving over \$220,000,000 in loan funds

The attached spreadsheet summarizes project status, including budget, construction schedule, and progress to-date.

The attached progress report briefly outlines all active project design and construction information and progress to-date.

May 6, 2011

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

Applicant/Borrower	Project	County	Loan Amount	Size	Annual Delivery Yield (AF)	Storage Created (AF)	Design Status	Construction Start	Construction End	Status
Projects Substantially Completed in 2011										
1 Raymond Dairy, Incorporated	Robert Raymond Concrete Ditch Rerconstruction	Mesa	\$ 63,950	2,500 LF	386		100%	Nov-07	Feb-11	2/1/2011
2 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	3/1/2011
3 Orphan Wells of Wiggin, LLC	Well Augmentation Project	Morgan	\$ 1,037,700	6,000 AF	6,000		100%	Nov-03	On-hold	3/1/2011
4 Stagesop Owners Association	Water Augmentation Reservoirs Project	Park	\$ 192,708	20	20	20	100%	Sep-10	Apr-11	4/1/2011
	Total =	SubTotal =	\$ 3,703,208		26,306	2,702				
Current Projects in Design or under Construction										
1 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%
2 Mancos Water Conservancy District	Inlet and Outlet Canal Rehabilitation	Montezuma	\$ 5,486,531	15,840 LF	9,000		75%	Jan-04	Jan-14	70%
3 Upper Arkansas Water Conservancy District	Reservoir Rehabilitation	Chaffe/Custer	\$ 3,520,000	500 AF	500	200	100%	Jun-05	Jan-13	90%
4 Union Ditch Company	Well Augmentation Project	Weld	\$ 312,595	206 AF	206		75%	Sep-06	Jan-13	80%
5 Lower Poudre Augmentation Company	Reservoir and Water Rights Purchase	Larimer/Weld	\$ 3,104,053	657 AF	657		100%	Oct-07	Jan-13	99%
6 Bull Creek Reservoir Company	Reservoir Rehabilitation Project	Mesa	\$ 1,801,630	900AF	900	900	100%	Jul-08	Jan-12	99%
7 Overland Ditch and Reservoir Company	Overland Reservoir Rehabilitation	Delta	\$ 1,130,000	6,200 AF	17,000	971	95%	On-Hold		0%
8 Montezuma Valley Irrigation Company	May Lateral Pipeline	Montezuma	\$ 5,292,400	5 Miles	128,000		100%	Nov-07	Jan-12	99%
9 Platte Valley Irrigation Company	Equalizer Reservoir Project	Weld	\$ 2,388,650	431 AF	52,401	431	100%	Nov-10	May-11	5%
10 Greeley Irrigation Company	Greeley Canal No. 3 Rehabilitation	Wed	\$ 2,233,867	18,000 AF	18,000		90%	Feb-08	Jan-12	90%
11 Henrylyn Irrigation District	Horse Creek & Prospect Reservoir Rehabilitation	Weld	\$ 2,184,327	13,850 AF	13,850	3,000	95%	Nov-08	Jan-12	85%
12 New Salida Ditch Company	Ditch Rehabilitation	Chaffee	\$ 365,620	300 L.F.	7,000		100%	Oct-09	Jan-12	95%
13 Farmers Pawnee Canal Company	Ditch Flow Control Structures	Logan	\$ 255,530		27,260		100%	Oct-08	Jan-12	95%
14 North Sterling Irrigation District	North Sterling Reservoir Rehabilitation	Logan	\$ 1,094,840	74,590 AF	82,207		100%	Sep-09	Jul-11	99%
15 Republican River Water Conservation District	Compact Compliance Pipeline	NE. Colo	\$ 60,600,000	15,000 AF	15,000		100%	Nov-08	Jan-14	80%
16 Ogilvy Augmentation Company	Well Augmentation	Weld	\$ 1,010,808	60 AF	60		100%	Dec-08	Jan-12	95%
17 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	Jan-12	95%
18 Snowmass Water and Sanitation District	Zeigler Reservoir Water Management System	Pitkin	\$ 1,952,805	1,800 AF	1,800		100%	Feb-10	Feb-12	80%
19 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-12	70%
20 Lower Latham Reservoir Company	Well Augmentation Project	Weld	\$ 3,811,573	5,705 AF	5,705		100%	Nov-09	Jan-13	65%
21 WRCC, Inc.	Cobb Lake Inlet Structure Rehabilitation	Larimer	\$ 1,352,592	35,000 AF	35,000		100%	Sep-10	Jan-12	99%
22 Town of Gypsum	LEDE Ditch and Reservoir Rrehabilitation	Eagle	\$ 2,689,731	685 AF	1,200	254	60%	Jun-10	Jan-14	15%
23 Town of Dillon	Old Dillon Reservoir Enlargement	Summit	\$ 1,515,000	286 AF	321	140	100%	Sep-10	Jan-14	2%
24 Lake Canal Reservoir Company	South Gray Reservoir Rehabilitation/Gray No. 3	Larimer	\$ 393,900	1,120 AF	1,120	165	100%	Sep-10	Jan-12	90%
25 City of Monte Vista	Augmentation Water Rights Acquisition	Rio Grande	\$ 1,693,770	321 AF	1,212		90%	Oct-10	Jan-12	50%
26 Fort Morgan Reservoir and Irrigation Company	Pipeline Project - Augmentation Retiming	Morgan	\$ 1,494,800	15,840 L.F.	37,058		100%	Sep-10	May-11	99%
27 Joseph W. Bowles Reservoir Company	Bowls No. 1 Dam Rehabilitation	Jefferson	\$ 1,703,870	2,062 AF	900		100%	Aug-10	Dec-11	95%
28 Grand River Ditch Company	Grand River Ditch Pipeline	Garfield	\$ 543,380	14,500	14,500		100%	Sep-10	Jul-11	99%
29 Loudon Irrigating Canal and Reservoir Company	Rist Benson Reservoir Rehabilitation	Larimer	\$ 663,610	150AF	150	150	100%	Feb-11	Jul-11	0%
30 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
31 Supply Irrigating Ditch Company	Knoth Reservoir Dam Rehabilitation	Boulder	\$ 1,515,000	4,800 AF	4,800	400	95%	Jan-10	On-Hold	0%
32 Owl Creek Reservoir Company	Owl Creek Reservoir Rehabilitation	Weld	\$ 1,125,000	1200 AF	1,200	1,200	99%	Jul-10	On-Hold	0%
33 Penrose Water District	Water Rights Purchase and Pipeline Installation	Fremont	\$ 8,844,570	30,624 LF	339		65%	Oct-10	Jan-14	20%
34 Seven Lakes Reservoir Company	Railroad Crossing	Weld	\$ 772,842	7,796 AF	7,796		95%	In ReDesign		0%
35 Duel and Snyder Improvement Company	Diversion Structure Rehabilitation	Morgan	\$ 90,900	4,590 AF	4,590		25%	Sep-10	On-hold	0%
36 Farmers' High Line Canal and Reservoir Company	System Rehabilitation Project	Adams/Jefferson	\$ 1,410,768	31 Miles	24,000		25%	Feb-11	Feb-14	10%
37 Riverside Reservoir and Land Company	Riverside Reservoir Spillway Enlargement	Weld	\$ 2,838,100	64,000 AF	105,000		50%	Sep-10	Jan-13	0%
38 Riverside Ditch and Allen Extension Company	Ditch System Rehabilitation	Chaffee	\$ 186,345	3,250 LF	3,260		85%	Jul-10	Jan-12	80%
39 Parkville Water District	Canterbury Tunnel Repair	Lake	\$ 1,838,200	250 LF	1,086		75%	Oct-10	Jan-12	0%
40 Las Animas Consolidated Canal Company	Diversion Structure Rehabilitation	Bent	\$ 77,265	26,000 AF	26,000		30%	Oct-10	Jan-12	99%
41 Consolidated Extension Canal Company	Diversion Structure Rehabilitation	Bent	\$ 180,285	26,000 AF	26,000		100%	Oct-10	Jan-12	99%
42 Trinchera Irrigation Company	Garland Canal #2 Pipeline Project	Costilla	\$ 251,793	2300 LF	3,700		100%	Mar-11	Apr-11	99%
43 Snowmass Water and Sanitation District	Zeigler Reservoir Expansion Project	Pitkin	\$ 2,873,804	240 AF	1,850	240		Contracting		
44 Southeastern CO Water Conserv. District	Arkansas Valley Conduit	Crowley	\$ 60,600,000	138 Miles	6,555			Contracting		
45 Huerfano-Cucharas Irrigation Company	Cucharas Reservoir Rehabilitation	Pueblo	\$ 1,622,060	35,395 AF	3,000	7,500		Contracting		
46 South Metro Water Supply Authority	Raw Water Delivery - Capacity Purchase	Adams/Denver	\$ 5,090,400	10,750 AF	10,750			Contracting		
	SubTotal =		\$ 222,729,438		877,433					
	Grand Total =		\$ 226,432,646		903,739					
	Reservoir construction projects involving storage: new, enlargment, dredging or removal of a SEO restriction =					63,055				

Kirk Russell, PE
Design Construction Manager

Design & Construction Status Report

PROJECTS SUBSTANTIALLY COMPLETED IN 2011

1. Raymond Dairy, Incorporated – Concrete Ditch Reconstruction Project

Authorization: Construction Fund
 Water Source: Grand Valley Canal
 Terms of Loan: \$63,950@2.5% for 30 yrs.

County: Mesa
 Project Yield: 386 AF
 Project Type: Ditch Rehabilitation

Raymond Dairy 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 125 acres of field crops for dairy cattle. This Project involved rehabilitating 2,400 feet of the ditch, and installing new head gates. This Project will decrease ditch seepage; thereby improving the environment by reducing salt leaching into the Colorado River. NRCS provided planning and design engineering services for this work. The total project cost was \$95,000. NRCS provided 33% cost share in the Project. CWCB funding consisted of an initial loan for \$95,950 which was reduced to \$63,950 after construction was complete. The Project was substantially completed on February 1, 2011.

2. 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 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 reservoir has been restricted by the SEO due to wind erosion problems along the east embankment. The 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 Project will result in 2,682 AF of recovered storage. Due to increased cost of fuel and materials the loan contract was increased from \$2.4M to \$4.5M at the November 2008 Board Meeting. The Project was substantially completed on March 1, 2011.

3. Orphan Wells of Wiggins – Augmentation Project

Authorization: Construction Fund
 Water Source: South Platte Basin
 Terms of Loan: \$1,037,700 @ 2.5% for 30-years

County: Morgan
 Project Yield: 6,000 acre-feet
 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, 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.

4. Stagesop Owners Association – Water Augmentation Reservoirs Project

Authorization: Construction Fund

County: Park

Water Source: Old House Creek/ Tarryall River

Project Yield: 20AF

Terms of Loan: \$192,708@2.25% for 20 yrs.

Project Type: Dam Rehabilitation

The Stagesop Owners Association represents property owners in the Stagesop subdivision, located near Jefferson, Colorado. The Association was incorporated in 1976 and is made up of 500 single-family residential lots. Individual wells supply water to each lot in the Association. There are 199 active wells at this time. Groundwater depletions from these wells are offset by an augmentation decree that includes storage and releases of water from Old House Creek. The water is stored in two reservoirs referred to as the Upper Reservoir and Lower Reservoir. Both reservoirs need outlet work repair. The Upper Reservoir is under a fill restriction by the Office of the State Engineer. Through this project the Association plans on replacing the existing outlet pipes at both reservoirs, installing new outlet structures and valves, and reconstructing the existing spillways.

PROJECTS CURRENTLY IN DESIGN and/or UNDER CONSTRUCTION

1. 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.

2. 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. They received \$1.8M Federal appropriation for 2010. 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 in the summer 2009, involving the construction of retaining walls and access road along the ditch. District bid the piping phase in summer 2010 with construction to be completed in winter 2010.

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

Authorization: Severance Tax Fund	County: Chaffee/Custer/Fremont
Water Source: N. Fork of S. Arkansas	Project Yield: 500 acre-feet
Terms of Loan: \$3,520,000 @ 3.50% for 30 yrs.	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.

4. Union Ditch Company – Well Augmentation Project

Authorization: Severance Tax Trust Fund	County: Weld
Water Source: South Platte River	Project Yield: 206 acre-feet
Terms of Loan: \$312,595 @2.50% for 320-years	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.

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

Authorization: Severance Tax Fund	County: Larimer/Weld
Water Source: South Platte	Project Yield: 657 acre-feet
Terms of Loan: \$3,104,053 @2.50% for 30 yrs.	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. Construction of the reservoir is complete. Substantial completion is expected in the spring of 2011.

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

Authorization: Severance Tax Fund	County: Mesa
Water Source: Colorado River	Project Yield: 900 acre-feet
Terms of Loan: \$1,801,630 @ 2.5% for 30 yrs.	Project Type: Reservoir Rehabilitation

The Company is located in Mesa, Colorado, and has a service area of approximately 800 acres. The Company operates the Bull Creek Reservoirs for irrigation water. The Project is a repair to remove the current restriction on Reservoir #4 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. The project was 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, completed the outlet works, seepage control, and 75% of the dam embankment reconstruction. 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 original engineering firm and hired Vista Engineer, Grand Junction, Colorado to finish the project. Geer-up-Construction mobilized in July of 2009 and was failed to complete the project by winter. The remaining items (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) were completed in the summer of 2010 by Sorter Construction. The project construction is now 100% complete. The Company is currently negotiated a lien settlement with the contractors involved in the project. The Company received approval of additional funding at the November 2010 CWCB Meeting. The project will be substantially completed in the summer of 2011.

7. 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 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.

8. 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. Substantial Completion is expected in by mid 2011.

9. Platte Valley Irrigation Company – New Equalizer Reservoir Project

Authorization: Severance Tax Fund

Water Source: South Platte River

Terms of Loan: \$2,388,650@2.25% for 20 yrs.

County: Weld

Project Yield: 52,401 AF

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, with construction anticipated to commence in July/August 2010.

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

Authorization: Severance Tax Fund

Water Source: South Platte

Terms of Loan: \$2,233,867@2.85% for 30 yrs.

County: Weld

Project Yield: 18,000 acre-feet

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 project is nearly complete. The Company is currently working on their SCADA system and the realignment and reshaping of various sections of existing channel.

11. Henrylynn Irrigation District – Horse/Prospect Reservoirs Rehabilitation

Authorization: Severance Tax Fund

Water Source: Denver/Hudson Canal

County: Weld

Project Yield: 13,850 acre-feet

Terms of Loan: \$2,184,327@2.25% for 30 yrs.

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 regraded the dam crest on Horse Creek Reservoir. On Prospect reservoir the outlet pipe has been lined and regrading of the dam crest is complete. The Company is also evaluating the possible need to replace the existing gates at Prospect Reservoir and regarding of the dam face.

12. New Salida Ditch Company – Ditch Rehabilitation

Authorization: Severance Tax Fund

County: Chaffee

Water Source: Upper Arkansas River

Project Yield: 7,000 acre-feet

Terms of Loan: \$365,620@2.50% for 30 yrs.

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 has 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 in mid 2011.

13. Farmers Pawnee Canal Company – Ditch Flow Control Structures

Authorization: Severance Tax Fund

County: Logan

Water Source: South Platte River

Project Yield: 27,260 acre-feet

Terms of Loan: \$255,530@2.5% for 30 yrs.

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 requested an increase in the loan amount in March 2011 to automate the new gate. Work should be completed by the end of 2011.

14. North Sterling Irrigation District – North Sterling Reservoir Rehabilitation

Authorization: Construction Fund

County: Logan

Water Source: South Platte River

Project Yield: 74,590 acre-feet

Terms of Loan: \$1,094,840@2.25% for 20 yrs.

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 was completed by September 2010. Substantial Completion is scheduled for June 1, 2011

15. Republican River Water Conservation District – Compact Compliance Pipeline

Authorization: Severance Tax Fund

County: N. E. Colorado

Water Source: Republican River

Project Yield: 15,000 acre-feet

Terms of Loan: \$60,600,000@2.0% for 20 yrs.

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. UPDATE – In December 2010, the District elected to begin pipeline construction with an anticipated completion by mid 2013. The District is currently looking into the feasibility of installing hydropower on the pipeline system.

16. Ogilvy Augmentation Company – Well Augmentation Project

Authorization: Severance Tax Fund	County: Weld
Water Source: South Platte River	Project Yield: 60 acre-feet
Terms of Loan: \$1,010,808@2.5% for 30 yrs.	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.

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

Authorization: Severance Tax Fund	County: Boulder/Weld
Water Source: South Platte River	Project Yield: 12,000 acre-feet
Terms of Loan: \$2,864,164@3.45% for 30 yrs.	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 Company was approved for a loan increase in the amount of \$434,000. The project commenced construction in December of 2009 and is nearly complete.

18. 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 be substantially complete soon in 2011.

19. 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). UPDATE: These projects are nearly complete and complete Substantial Completion is expected around mid/late 2011.

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

Authorization: Construction Fund	County: Weld
Water Source: South Platte River	Project Yield: 5,705 acre-feet
Terms of Loan: \$3,811,573@2.75% for 30 yrs.	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 construction of the augmentation ponds.

21. 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: \$1,352,592@2.85% for 30 yr.	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 was completed November 2010 however additional work is necessary to protect channel from additional erosion. Additional CWCB funding was approved in January 2011.

22. 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 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. Dam design and permitting is expected to occur in 2010/2011. The Town received a WSRA grant for additional enlargement of the reservoir. The pipeline construction was completed in September 2010.

23. Town of Dillon – Old Dillon Reservoir Enlargement

Authorization: Construction Fund	County: Summit
Water Source: Salt Lick Gulch	Project Yield: 286 acre-feet (140 new)
Terms of Loan: \$1,515,000@4.0% for 30 yrs.	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 a contractor has been selected. Construction is expected in 2011/12.

24. 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. Contractor has been selected and work will begin in November 2010.

25. City of Monte Vista – Augmentation Water Rights Purchase

Authorization: Construction Fund	County: Rio Grande
Water Source: Rio Grande River	Project Yield: 321 AF
Terms of Loan: \$1,693,770@4.0% for 30 yrs.	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. The City executed the purchase of the Anderson Ditch rights and will soon file a water court application to enable the use of those rights to replace depletions as soon as possible. The Town has executed an agreement with the San Luis Valley Irrigation District for the purchase of storage space in the Rio Grande Reservoir. CWCB has disbursed funds for part of the water purchase and the Reservoir storage space.

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

Authorization: Construction Fund	County: Morgan
Water Source: South Platte River	Project Yield: 37,058 AF
Terms of Loan: \$1,494,800@2.9% for 30 yrs.	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 on Groves Farms' land. Project construction is underway and scheduled for completion in the spring of 2011.

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

Authorization: Construction Fund

County: Jefferson

Water Source: Bear Creek

Project Yield: 2,062 acre-feet

Terms of Loan: \$1,703,870@4.65% for 30 yrs.

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. Dam construction project completion expected by Spring 2011. Ditch construction is expected to continue thru 2011.

28. Grand River Ditch Company – Grand River Ditch Pipeline

Authorization: Construction Fund

County: Garfield

Water Source: Colorado River

Project Yield: 14,500 AF

Terms of Loan: \$543,380@4.20% for 30 yrs.

Project Type: Ditch Rehabilitation

The Grand River Ditch Company operates the Grand River Ditch by providing direct flow irrigation water from the Colorado River. The ditch is 14 miles long and runs on the north side of the river from three miles west of New Castle to about a mile east of Rifle. In the spring of 2010, a retaining wall that protects the ditch from the river collapsed. The Company plans to repair the ditch by piping the damaged section, and by installing riprap and rock jetties in the river. Construction was completed in December 2010. NRCS has provided design engineering services for the Project. The Company has been approved for a \$100,000 grant from the USDA Farm Service Agency Emergency Conservation Program for this Project along with a \$20,000 WSRA Basin Grant. CWCB loan funding will allow for an initial loan for 100% of construction costs which will be reduced by the grant dollars received. The remaining balance will become a 30-year CWCB Loan. Substantial completion is expected in the summer of 2011.

29. Loudon Irrigating Canal and Reservoir Company – Rist Benson Reservoir Rehabilitation

Authorization: Severance Tax Fund

County: Larimer

Water Source: Big Thompson River

Project Yield: 150 acre-feet

Terms of Loan: \$263,610@3.5% for 30 yrs.

Project Type: Reservoir Rehabilitation

The Company owns and operates the Rist Benson 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 February 2011 with completion by spring 2011.

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

Authorization: Construction Fund
 Water Source: San Juan River
 Terms of Loan: \$11,217,060@3.50% for 30 yrs.

County: Archuleta
 Project Yield: 35,000 acre-feet
 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.

31. Supply Irrigation Ditch Company – Knoth Reservoir Dam Rehabilitation

Authorization: Severance Tax Fund
 Water Source: St. Vrain Creek
 Terms of Loan: \$1,515,000@2.6% for 30-years

County: Boulder – N.E. of Lyons
 Project Yield: 4,800 acre-feet
 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.

32. Owl Creek Reservoir Company - Reservoir Rehabilitation

Authorization: Construction Fund
 Water Source: Owl Creek Basin
 Terms of Loan: \$1,125,000 @2.75% for 30-years

County: Weld
 Project Yield: 1,200 acre-feet
 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.

33. 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 District 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. The District's water supply is 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 Project includes the acquisition of $\frac{5}{6}$ th of the Pleasant Valley Ditch water rights. Water will be diverted through alluvial wells and pumped 6 miles through a 12-inch pipe to Brush Hollow Reservoir. Brush Hollow will be used to store the water through a storage agreement. Water rights were purchased in 2005 with bridge financing. A water court application was filed in 2006.

34. 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. The Company has experienced significant delays in getting contracts in-place to conduct the work with BNSF. UPDATE: The Company is considering the use of a tunnel bore in lieu of a bridge.

35. Duel and Snyder Improvement Company – Diversion Structure Rehabilitation

Authorization: Severance Tax Fund

County: Morgan

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

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

The Deuel and Snyder Improvement 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.

36. Farmers Highline Canal and Reservoir Co. – System Rehabilitation

Authorization: Construction Fund
 Water Source: Clear Creek
 Terms of Loan: \$1,410,768@4.65% for 30 yrs.

County: Adams/Jefferson
 Project Yield: 24,000 AF
 Project Type: Reservoir Rehabilitation

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

37. 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 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 delivers irrigation water to approximately 50,000 acres. There is a restriction of ½ foot (200 AF of storage loss) due to the lack of a spillway per State Dam Safety. In order to prevent further storage restrictions, the Project includes constructing an emergency spillway. Construction is expected through the fall of 2011.

38. 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, located near Buena Vista, owns and operates the Riverside Ditch 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 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. Improvements are expected to be completed by the spring of 2012. The Company is completed the ditch lining improvements prior to the Arkansas River Efficiency Rules taking effect on January 1, 2011.

39. Parkville Water District – Canterbury Tunnel Repair

Authorization: Construction Fund	County: Lake
Water Source: East Fork Arkansas	Project Yield: 1.086 AF
Terms of Loan: \$1,838,200@4.0% for 30 yrs.	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 complete.

40. 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 construction was completed in March, 2011 and substantial completion is expected soon.

41. 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 construction was completed in March, 2011 and substantial completion is expected soon.

42. Trinchera Irrigation Co – Garland Canal #2 Pipeline Project

Authorization: Construction Fund	County: Costilla
Water Source: Ute Creek	Project Yield: 3,700 AF
Terms of Loan: \$251,793@2.75% for 30 yrs.	Project Type: Ditch Rehabilitation

The Company owns and operates Smith Reservoir, Mountain Home Reservoir, and approximately 26 miles of canals and 45 miles of laterals to provide irrigation water for the benefit of its shareholders. The Company services approximately 14,100 acres of irrigated farm land. The received a loan to repair a portion of the Garland #2 Canal. The Canal was originally constructed around 1913 and a substantial portion of the ditch deteriorated and became unreliable and inefficient. Emergency repairs were made following a 2010 flash flood. The proposed project includes: replacement of the diversion headgate, modifying the siphon inlet to accommodate a new trash rack, installing rock riprap at the siphon outlet, and installing 2,300 linear feet of 36" irrigation pipe. Construction to be completed in the spring of 2011.

43. Snowmass Water and Sanitation District – Ziegler Reservoir Expansion Project (NOT UNDER CONTRACT)

Authorization: Construction Fund	County: Pitkin
Water Source: Snowmass Creek	Project Yield: 240 AF
Terms of Loan: \$2,873,804@4.75% for 20 yrs.	Project Type: Reservoir Construction

The District was approved for a loan to enlarge Ziegler Reservoir that it purchased in 2008. Prior to that, it did not have a useable raw water storage facility. The District purchased the reservoir to enlarge it from 57 AF to 240 AF. It will allow the District to regulate flows and provide a supply during times of diminished stream flows. The CWCB previously approved a loan to the District in May 2009 to construct the pipeline to deliver water to and from this reservoir. The reservoir expansion plans were submitted to the State Engineers Office in November of 2010. Plan approval is expected by March of 2011 with construction occurring between June and November of 2011.

44. Southeastern Colorado Water Conservancy District – Arkansas Valley Conduit (NOT UNDER CONTRACT)

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 proceeding with NEPA permitting efforts with Federal funding assistance.

45. Huefano-Cucharas Irrigation Co. – Cucharas Reservoir Rehabilitation (NOT UNDER CONTRACT)

Authorization: Severance Tax Fund
 Water Source: Cucharas River
 Terms of Loan: \$1,622,060@2.5% for 30 yrs.

County: Pueblo/Huerfano
 Project Yield: 7,500 AF (New)
 Project Type: Reservoir Rehabilitation

The Huerfano-Cucharas Irrigation 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. The project is to be de-authorized and a new project presented to the Board at the November 2010 meeting based on the new owner's financials and project plan.

46. South Metro Water Supply Authority – Raw Water Delivery (NOT UNDER CONTRACT)

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 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 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.

COLORADO WATER CONSERVATION BOARD

FINANCIAL ACTIVITY REPORT

FOR FISCAL YEAR 2011

CONSTRUCTION FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2010	\$ 1,018,821	\$ 828,872	\$ 1,847,693	\$ 10,030	\$ 1,837,663
August 2010	\$ 357,433	\$ 299,564	\$ 656,997	\$ 560,834	\$ 96,163
September 2010	\$ 372,148	\$ 321,220	\$ 693,368	\$ 423,703	\$ 269,666
October 2010	\$ 211,181	\$ 313,430	\$ 524,611	\$ 1,446,480	\$ (921,869)
November 2010	\$ 147,737	\$ 121,412	\$ 269,149	\$ 1,276,830	\$ (1,007,680)
December 2010	\$ 606,520	\$ 1,461,575	\$ 2,068,095	\$ 1,342,006	\$ 726,089
January 2011	\$ 154,449	\$ 70,221	\$ 224,671	\$ 1,102,003	\$ (877,332)
February 2011	\$ 165,183	\$ 113,443	\$ 278,625	\$ 618,472	\$ (339,847)
March 2011	\$ 152,019	\$ 164,126	\$ 316,145	\$ 1,345,083	\$ (1,028,938)
April 2011	\$ 480,145	\$ 3,255,468	\$ 3,735,613	\$ 159,507	\$ 3,576,107
May 2011	\$ -	\$ -	\$ -	\$ -	\$ -
June 2011	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2011 Totals	\$ 3,665,637	\$ 6,949,332	\$ 10,614,969	\$ 8,284,947	\$ 2,330,021

SEVERANCE TAX TRUST FUND PERPETUAL BASE ACCOUNT

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2010	\$ 85,256	\$ 130,515	\$ 215,771	\$ 12,199,749	\$ (11,983,978)
August 2010	\$ 173,293	\$ 126,076	\$ 299,369	\$ 105,572	\$ 193,797
September 2010	\$ 465,534	\$ 543,964	\$ 1,009,498	\$ 151,578	\$ 857,920
October 2010	\$ 66,510	\$ 255,872	\$ 322,382	\$ 715,865	\$ (393,483)
November 2010	\$ 125,494	\$ 100,390	\$ 225,884	\$ 254,425	\$ (28,541)
December 2010	\$ 430,179	\$ 783,953	\$ 1,214,132	\$ 618,051	\$ 596,081
January 2011	\$ 37,939	\$ 22,235	\$ 60,174	\$ 431,096	\$ (370,922)
February 2011	\$ 58,820	\$ 116,315	\$ 175,135	\$ 1,457,798	\$ (1,282,663)
March 2011	\$ 1,020,011	\$ 495,532	\$ 1,515,543	\$ 129,394	\$ 1,386,149
April 2011	\$ 429,524	\$ 340,466	\$ 769,990	\$ 162,935	\$ 607,055
May 2011	\$ -	\$ -	\$ -	\$ -	\$ -
June 2011	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2011 Totals	\$ 2,892,560	\$ 2,915,318	\$ 5,807,878	\$ 16,226,463	\$ (10,418,585)
GRAND TOTALS	\$ 6,558,197	\$ 9,864,650	\$ 16,422,846	\$ 24,511,410	\$ (8,088,563)