



COLORADO WATER CONSERVATION BOARD

DIRECTOR'S REPORT

JULY 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: July 12-13, 2011

SUBJECT: **Agenda Item 5d**, July 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: The Ground Water Commission (GWC) held a meeting on May 20, 2011, in Castle Rock, CO. The agenda items included 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. The variance was granted. Under old business, the petition to create a new designated ground water basin to be known as the Upper Spring Creek Designated Ground Water Basin in Larimer County was withdrawn. The Ground Water Commission will hold its next meeting on August 19, 2011, in Castle Rock, CO. For more information visit: <http://water.state.co.us/groundwater/CGWC/Pages/default.aspx>. (Suzanne Sellers)

GOVERNOR HICKENLOOPER ACTIVATES STATE'S AGRICULTURAL IMPACT TASK FORCE: On May 18, 2011 Governor Hickenlooper activated the State Drought Mitigation and Response Plan and the Agricultural Impact Task Force (AITF) for the southeastern and south central portions of the state, currently experiencing extreme drought conditions. Since that time, the AITF has held weekly conference calls to coordinate response, monitor impacts and increase communication among local, state and federal interests. The CWCB is providing ongoing support to the Chairs of the AITF, and will continue to do so for the entire period of activation. For more information on the current status of drought conditions in the southeast and south central portions of the state please go to the CWCB webpage where update information will be posted. (Taryn Hutchins-Cabibi)

STATEWIDE DROUGHT PLANNING ONE DAY WORKSHOPS: The CWCB held five Municipal Drought Planning Toolbox Workshops over the last two months in Durango, Denver, Steamboat Springs, Glenwood Springs and Colorado Springs. The purpose of the workshops is to educate water providers and planners on the elements of the Municipal Drought Planning Toolbox developed as part of the 2010 drought plan revision. According to post workshop evaluations, feedback from the workshops has been overwhelmingly positive. Participants were asked to rate the workshop for a number of elements on a scale of 1 to 5 with one being the lowest and five being the highest. The average scores range from a low of 4.02 for the workshop providing "sufficient practice & feedback" to a high of 4.83 for "Instructors were well prepared." CWCB has already spoken to a number of participants about developing municipal drought plans in the next year that will utilize the resources of the toolbox. (Taryn Hutchins-Cabibi)

OWCDP STAFF TO PRESENT AT BASIN ROUNDTABLE MEETINGS: Over the last few months OWCDP staff has presented at the North Platte, Colorado, Gunnison, Rio Grande and South Platte basin round table meetings on the State Drought Plan Revision as well as the implementation of HB1051. OWCDP hopes to present to the remaining BRTs in the coming months. (Kevin Reidy & Taryn Hutchins-Cabibi)

LEVEE CONSIDERATIONS FOR FEMA FLOODPLAIN STUDIES: FEMA Administrator, Craig Fugate, issued the Agency's formal response to letters dated February 3, 2011 from 27 members of the U.S. Senate, and February 18, 2011 from 49 members of the U.S. House of Representatives. Administrator Fugate committed to developing alternative approaches to modeling non-accredited levees when updating Flood Insurance Rate Maps and has committed to temporarily withholding the issuance of Letters of Final Determinations for communities with levees that do not meet accreditation requirements, but would clearly be impacted by the use of alternative levee modeling and mapping methods other than the "without

levee” approach. “Without levee” modeling methods assume that a levee or flood control structure that exists in physical reality does not exist for the purposes of modeling. Guidance from FEMA for alternative methods of modeling levees is underway and is expected to be available by Fall 2011. In the case that a community accepts the “without levee” approach and would like to continue with the mapping project, a written letter from the community stating their acceptance of the current approach would be required.

The subject memo affects six on-going projects in Colorado: Boulder, El Paso, Morgan, Prowers, Pueblo, and Weld Counties. Of these six projects, Boulder County has chosen to move forward with their mapping project. CWCB and FEMA are currently conducting outreach meetings to assist the remaining counties affected by the FEMA directive. (*Thuy Patton & Tom Browning*)

FLOODPLAIN MAP MODERNIZATION/RISK MAP UPDATE: The following sections provide brief updates regarding Map Modernization and Risk Map activities in Colorado:

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 El Paso County DFIRM was previously 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)*

~COLORADO RIVER BASIN~

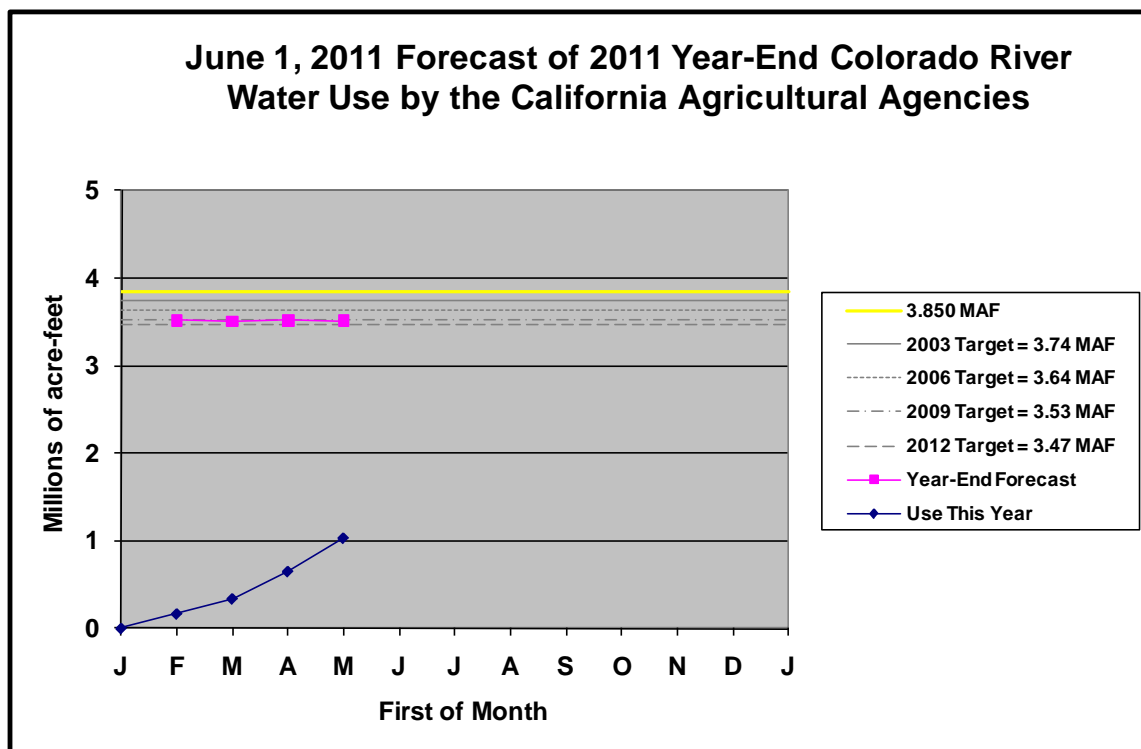
BUREAU OF RECLAMATION RELEASES FIRST INTERIM REPORT ON SUPPLY AND DEMAND IN THE COLORADO RIVER BASIN: On June 6th, The Bureau of Reclamation, in conjunction with Colorado and the other six Colorado River Basin States, released the first interim report on the Supply and Demand for Water in the Colorado River Basin. This Basin Study, funded jointly by the Bureau of Reclamation and the Colorado River Basin States, is a forward-looking cooperative effort by all parties to address what future water supplies may exist in the Colorado River, the demands on those supplies and potential strategies to deal with imbalances in this important river system. Future releases of the Basin Study will begin to identify opportunities and solutions to the water supply challenges to be faced with regard to supply and demand imbalances. This report has been receiving a great amount of press in newspapers across the Southwest, and was a constant topic of conversation at the CU Summer

Conference on the Colorado River hosted by the Natural Resources Law Center. For more information, see <http://www.usbr.gov/lc/region/programs/crbstudy.html>. (Brent Newman)

UPPER COLORADO RIVER COMMISSION MEETING: The 261st meeting of the Upper Colorado River Commission was held on June 8th in Boulder, in conjunction with the Clyde O. Martz Summer Conference at the Natural Resources Law Center. Director Gimbel opened the meeting, welcoming the Commission to Colorado and giving a presentation on the hosting state. Reports were given by the Chairwoman, the Executive Director, and the Treasurer. Informational reports were then presented by representatives of various Federal agencies relating to their work in the Upper Basin. The next meeting of the Commission will be held on December 14th, in conjunction with the annual Colorado River Water Users Association meeting in Las Vegas, NV. (Brent Newman)

COLORADO RIVER WATER USE: As of June 1, 2011, storage in the major Upper Basin reservoirs increased by 1,255,500 acre-feet and storage in the Lower Basin reservoirs increased by 212,200 acre-feet during May 2011. Total system active storage as of June 5 was 33.583 million acre-feet (MAF), or 56 percent of capacity, which is 0.078 MAF more than one year ago. (Upper Basin reservoirs decreased by 0.408 MAF, and Lower Basin reservoirs increased by 0.486 MAF.)

The preliminary year-end estimate for 2011 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 3.516 MAF. The target under the Interim Surplus Guidelines (ISG) for 2009 was 3.530 MAF, and the target for 2012 is 3.470 MAF. (Andy Moore)



COORDINATED RESERVOIR RELEASES FOR ENDANGERED FISH NOT NEEDED

THIS YEAR: In a June 7th press release, the Upper Colorado River Endangered Fish Recovery Program provided information regarding the status of the Program: “Operators of Dillon, Granby, Green Mountain, Ruedi, Williams Fork, Willow Creek and Woford Mountain reservoirs will not implement Coordinated Reservoir Operations (CROS) this year because river flows in western Colorado are predicted to be out of the banks due to high snowpack levels. In anticipation of this year’s high runoff, reservoir operators conducted pre-emptive releases instead, making storage space for large amounts of snowmelt.” In an average water year, releases from these reservoirs are coordinated to increase flows in a section of the Colorado River north of Grand Junction, benefitting the four species of endangered fish: the Colorado pikeminnow, razorback sucker, humpback chub and bonytail. (*Brent Newman & Michelle Garrison*)

COLORADO RIVER WATER AVAILABILITY STUDY (CRWAS): The contract is in place and the next steps in completing Phase 1 of CRWAS are underway. The first set of public outreach workshops will have been completed by the time the July CWCB Board meeting is held. The CRWAS team has met with the Southwest, Gunnison, South Platte, Arkansas, Yampa/White, Colorado and Metro BRT’s starting on April 13, 2011 and ending on July 6, 2011. During those workshops, a detail response matrix of the BRT comments (if submitted) and responses were presented and discussed, as well as how the study will proceed to finalizing the this phase. For BRT’s that did not submit any comments, general statewide comments and responses were presented and discussed. The CRWAS team is in the process of finalizing the completed comment/response matrix and it will be posted on the CWCB website when completed. Model and reporting refinements are currently being initiated. The second round of public outreach will be scheduled once the refinements have been completed. The second round will present the updated modeling results and completed draft final Phase 1 CRWAS report. As part of the second outreach effort, the CRWAS team will discuss how the study can be used in each of BRT’s specific basins. It is hopeful that we will be presenting to the Board the report at the January, 2012 meeting. This is dependent on getting on the various BRT’s meeting agenda’s prior to January. (*Ray Alvarado*)

LAKE POWELL RELEASING FLOWS NEAR FULL CAPACITY OF THE POWER

PLANT: As of June 20, 2011, Lake Powell is 66% of capacity (16,072 kaf, Elevation 3640) and it is releasing approximately 23,200 cfs weekly. Lake Mead is 45% full (11,555 kaf, Elevation 1100.71). The reservoir elevation of Lake Powell will increase significantly during the months of June and July, 2011, due to the fact that there is significant snow melt left to occur. The NRCS June 20, 2011 Snotel Snowpack maps indicate that the State of Colorado is at 282% of average, and the Colorado River mainstem sub-basin is at 317% of average. The forecasted unregulated inflow for June is 6.1 maf (the 2nd wettest June for Lake Powell since 1963). The June 24-month study projected a Lake Powell WY 2011 annual release volume of 12.44 maf. Due to recent increases in the inflow forecast for Lake Powell, equalization may not be fully achieved by the end of the water year. Due to increased releases from Lake Powell, shortage declarations in the Lower Basin will be avoided in 2012, and perhaps for several more years. We will continue to monitor the situation and we will update the Board at the July Board meeting. (*Ted Kowalski*)

U.S.-MEXICO BI-NATIONAL NEGOTIATIONS ARE REINITIATED: The principals for the Colorado River Basin States met with U.S. and Mexican federal officials and other stakeholders on June 1, 2011 to re-initiate the bi-national negotiations. The parties expressed strong support to work on some pilot projects immediately, and to work on a comprehensive agreement about how future operations could occur in a way to benefit both countries. The workgroups have scheduled a number of meetings to work through some of the finer details over the next several months. *(Ted Kowalski)*

GLEN CANYON TECHNICAL WORK GROUP (TWG) AND ADAPTIVE MANAGEMENT WORK GROUP (AMWG) MEETINGS: The Technical Work Group meeting will occur on June 28-29, 2011 in Phoenix, AZ, where the hydrograph recommendation and the Annual Work Plan and Budget are the main topics on the agenda. The next Adaptive Management Work Group (“AMWG”) meeting is scheduled for August 23-24, 2011 in Phoenix, Arizona. Ted Kowalski will be attending this meeting as Jennifer Gimbel’s alternate to the AMWG due to the fact that these meetings were scheduled on top of the Water Congress Summer meetings. *(Ted Kowalski)*

~PLATTE RIVER BASIN~

PLATTE RIVER RECOVERY PROGRAM: The Platte River Recovery Implementation Program (“Program”) Governance Committee held a meeting on June 14 and 15, 2011 in Cheyenne, WY. The primary agenda items were discussion of becoming a partner in an international Whooping Crane telemetry tracking project, staff presentation of the conceptual framework for synthesizing data gathered from the adaptive management program, approval of an agreement to lease approximately 4,800 acre-ft annually from Wyoming’s Pathfinder Reservoir account, and approval of a Program public access policy. An update on the Bureau of Reclamation’s (BOR) Reservoir system in Wyoming was also provided. As of June 14th, BOR has passed more water through the system than it has in the history of the project and it anticipates that that remainder of the water year will continue to be record breaking. Current flows at the Wyoming – Nebraska state line are approximately 8,000 cfs. Additionally, Suzanne Sellers attended a Program land tour arranged by the Executive Director’s Office. 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 September 13-14, 2011 in Scott’s Bluff, NE. For more information, please visit: <http://www.platteriverprogram.org/Pages/default.aspx>. *(Suzanne Sellers)*

CITY OF BOULDER 2010 REPORT ON BOULDER CREEK ISF PROGRAM: In May 2011, the City of Boulder provided its 2010 water year annual report to the CWCB, describing its operations under the July 20, 1990 Agreement between the City and CWCB by which the City donated various water rights to the CWCB for instream flow use on Boulder Creek. Water available to the CWCB for instream flow use under the Agreement supplemented the CWCB’s instream flow water rights in various reaches of Boulder Creek from November 2009 through April 2010, during the last week of July 2010, and from August through mid-October 2010. The CWCB used approximately 1,310 acre-feet of donated water from the City for instream flow use. Additionally, in August 2010, the City exercised its right to lease water generated by its

operations under the Agreement to users downstream of the CWCB's instream flow reach.
(Linda Bassi)

SOUTH PLATTE DECISION SUPPORT SYSTEM (SPDSS): The alluvial groundwater modeling is still moving forward in the calibration phase of that effort. As stated in the May Director's Report, the calibration of the model has unique challenges because of the scope and breadth of the basin and hydrogeology; however it looks like final calibration is near completion. It is still anticipated that a peer review meeting will be held in late 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 still 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 late summer or early fall to present results and get feedback. Results of these modeling efforts will hopefully be presented to the CWCB Board in January, 2012. (Ray Alvarado)

CHATFIELD RESERVOIR REALLOCATION PROJECT: The Draft Feasibility Report and Environmental Impact Statement (FR/EIS) for the Chatfield Reservoir Reallocation Project has now been printed by the U.S. Army Corps of Engineers, Omaha District, for final review by the Agency Technical Review Team, the Division Office in Portland, Oregon, and the Headquarters Office in Washington, D.C. Depending on the type and quantity of comments received from that review process, the Draft FR/EIS may be released to the public as early as August of this year. Several outstanding topics need to be discussed and resolved over the coming months in order to make sure that remaining environmental and recreation concerns from the State and other stakeholders are appropriately addressed. (Tom Browning)

~RIO GRANDE RIVER BASIN~

SOUTHERN COLORADO FARMS HAIL CANNON PERMIT: The weather modification permit renewal for Southern Colorado Farms (SCF), located in the San Luis Valley, has been approved by the CWCB following a public process and subsequent Record of Decision. SCF operates a network of up to ten hail cannons to suppress hail in the summer to protect crops, which include lettuce and spinach. (Tom Browning & Joe Busto)

~SAN JUAN/SAN MIGUEL-DOLORES RIVER BASIN~

SWCD ENCOURAGES PURCHASE OF ANIMAS-LA PLATA WATER: On June 17th, the CWCB received a letter from the Southwestern Water Conservation District, based in Durango, Colorado. The letter expresses the SWCD board's encouragement that the CWCB approve the purchase of the full amount of statutory allocation of the water from the Animas-La Plata (ALP) project. This letter begins by outlining the detailed history of the ALP project, and its importance to the State of Colorado and the water users in the Southwest Basin. As stated in the letter: "The Board believes this is a prudent investment to assist in meeting existing and future water demands, given the results of recent studies undertaken by the CWCB in SWSI Phase II and the Colorado Climate Study." In light of these water demands, the SWCD board gives their full support to the purchase for "as much of the statutory allocation as possible within the \$36 million amount". In closing, appreciation is expressed for the support for the ALP project by the CWCB, the State legislature, and Governor Hickenlooper. The full letter can be found at the end of this Report, as "Attachment 1". (Brent Newman)

RIVER PROTECTION WORKGROUP: The River Protection Workgroup (“RPW”), held its first meeting for the Animas River on June 23, 2011, in Silverton, Colorado. This Group is called the River Protection Workgroup for the Animas River. This is the fourth basin that the River Protection Workgroup has initiated, and the RPW is making great steady progress. For more information, see the following link: <http://ocs.fortlewis.edu/riverprotection/>. (Ted Kowalski)

LOWER DOLORES WORKING GROUP UPDATE: On June 6-7, the three scientists working on “A Way Forward”* presented their Phase II report to the Legislative Committee of the Lower Dolores Working Group and the Group’s Scientific and Water User Panel. For Phase I (presented to the Committee and Panel in April 2011), each scientist independently reviewed literature and available data and information and reached conclusions on the following topics:

1. Status of the roundtail chub, bluehead sucker, and flannelmouth sucker on each reach of the Dolores River from McPhee Reservoir to the confluence with the San Miguel River
2. How current status can be improved to ensure the persistence of each species
3. Opportunities for improvement

The scientists agree that (1) native suckers are imperiled and the bluehead sucker may be close to local extinction; (2) roundtail chub appear to be declining but are still present in modest numbers; and (3) longer-term population viability of all three species appears tenuous given available data.

After the April 2010 presentation, the scientists incorporated stakeholder feedback and did additional research on opportunities for improving the distribution and abundance of the native fish on the Dolores River. These opportunities include:

- Spill management
- Base flow management
- Sediment transport flows
- Habitat maintenance flows
- Thermal regime modification
- Reduce effects of introduced cold water species
- Reduce effects of introduced warm water species
- Supplement native fishes

Meeting attendees discussed the various methods for improving the status of the native fish and are considering establishing an adaptive management team. The final “A Way Forward” report will be completed by the end of July 2010.

*“A Way Forward” is an inquiry into the status of native fish on the Lower Dolores River combined with a multi-stakeholder consensus-building process. The desired outcome of “A Way Forward” is a list of “do-able” alternatives to improve the status of native fish on the Lower Dolores. The list will define which actions can be included in the legislation to establish a National Conservation Area as an alternative to the WSR suitability status, and which actions will be pursued outside of the legislative process. (Linda Bassi)

~GUNNISON RIVER BASIN~

DOMINGUEZ-ESCALANTE NATIONAL CONSERVATION AREA (D-E NCA)

RESOURCE MANAGEMENT PLAN (RMP) DEVELOPMENT: This planning process is currently in the phase of formulating management alternatives. Bureau of Land Management (BLM) staff, with input from the D-E NCA Advisory Council (Katie Steele, dispersed recreational and historic resource values; Bill Harris, Montrose County; Steve Acquafresca, Mesa County; Jan McCracken, Delta County; Oscar Massey, grazing interests; Jason Beason, wildlife values; Tamera Minnick, scientific, educational, and ecological values; Terry Kimber, traditional uses and dispersed recreational interests; Mike Wilson, motorized recreation interests; and Joe Neuhoof, environmental and wilderness values) and cooperating agencies (state, tribal and other federal agencies) has been working up draft alternatives. CWCB staff has been taking part in meetings to track alternative development and provide input.

During the June 15, 2011 Advisory Council meeting, the focus was on Wild and Scenic River (W&S) suitability. BLM staff explained the process related to W&S and the implications of a finding suitability and designation by Congress. The Wild and Scenic River Act requires identification and evaluation of potential additions to the W&S system during federal land use planning processes. Adhering to this requirement, in November 2010, the BLM found ten stream segments eligible under the Wild and Scenic Rivers Act. Two separate groups, the Gunnison River Basin Stakeholder Group (comprised of recreationist/landholders/local users) and the Environmental Coalition (including environmental/ conservation/quiet-recreation groups), submitted comments to the BLM. The Stakeholder Group recommended not suitable for all ten of the eligible segments. The Environmental Coalition recommended six segments as not suitable and four segments suitable (Gunnison River Segment 3, Escalante Creek Segment, Rose Creek and Cottonwood Creek). The Advisory Council voted 4-2 to recommend that all eligible D-E NCA river/stream segments be found not suitable for protection under the Wild and Scenic Rivers Act. A majority of the Advisory Council believes that the outstandingly remarkable values can be maintained outside of the Wild and Scenic Rivers Act nexus.

During the June 24, 2011 cooperating agency meeting, the preliminary draft alternatives were reviewed. The early version has four alternatives that include: (1) no-action (continue the interim management plan), (2) protect biology and cultural values, (3) manage for multiple use emphasizing geo/paleo/cultural interpretation and education, and (4) manage for multiple use emphasizing a wide range of recreational activity. The process will continue in its current phase adding detail to the alternatives until September. At that point, the process moves to impact analysis of alternatives, which will last two to three months. Then BLM will prepare a draft resources management plan with a preferred alternative, with completion expected in August 2012. A flow chart of the whole process can be found on the BLM's website at http://www.blm.gov/co/st/en/nca/denca/denca_rmp.html. (Linda Bassi)

~AGENCY UPDATES~

CU NATURAL RESOURCES LAW CENTER SUMMER CONFERENCE: The Natural Resources Law Center at the University of Colorado Law School hosted the Clyde O. Martz Summer Conference on June 8-10 in Boulder. The theme of this year's Conference was "Navigating the Future of the Colorado River". Keynote addresses were given by Patricia

Mulroy, General Manager of the Southern Nevada Water Authority, and Michael Connor, Commissioner of the Bureau of Reclamation. Director Gimbel also participated in a panel discussion on “Understanding Supply and Demand.” The conference was notable for its focus on greater cooperation between the Basin States in the face of increased demand for Colorado River Water, and consensus among the representatives that greater inclusion of Mexico will be integral to the future of the Basin. More information can be found at <http://www.colorado.edu/law/centers/nrlc/events/past5.html>. (*Brent Newman*)

2010 IRRIGATED LANDS REFRESH: Classification of irrigated lands and crop determination will begin in early May. Still 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*)

FLOODDSS: The FloodDSS web-based mapping site has been successfully operating since September 2010. We have had approximately 4,200 visitors to the site since it went live. This flood season started with record snowpack for northern Colorado and the FloodDSS was up and running for flood plain managers to have another set of tools to help them evaluate flooding potential, with 2,000 website visits as of June 21, 2011. (*Ray Alvarado*)

RECENTLY DECREED ISF WATER RIGHTS: On April 28, 2011, the Division 1 Water Court decreed an instream flow water right to the CWCB on Como Creek in Case No. 08CW162 for 2.9 cfs (May 1 – July 31), 1.10 cfs (August 1 – October 15), 0.45 cfs (October 16 – March 31) and 1.10 cfs (April 1 – April 30) with an appropriation date of January 23, 2008. The upstream terminus is the headwaters and the lower terminus is the Forest Service boundary. This ISF reach is approximately 3.8 miles long and flows through Boulder County. The CWCB provided terms and conditions in the decree, including a CRS 37-92-102(3)(b) existing use exception, to alleviate concerns about this ISF segment from the Regents of the University of Colorado.

On May 31, 2011, the Division 4 Water Court decreed an instream flow water right to the CWCB on Cochetopa Creek in Case No. 10CW133 for 11.3 cfs (May 16 – August 15), 7.5 cfs (August 16 – September 30), 4.5 cfs (October 1 – November 15), 2.75 cfs (November 16 – March 15) and 5.0 cfs (March 16 – May 15) with an appropriation date of January 26, 2010. The upstream terminus is confluence with Nutras Creek and the lower terminus is the Mesa Ditch headgate. This ISF reach is approximately 7.54 miles long and flows through Saguache County.

On June 7, 2011, the Division 6 Water Court decreed an instream flow water right to the CWCB on South Fork Slater Creek in Case No. 10CW051 for 9.0 cfs (March 15 – July 15), 2.0 cfs (July 16 – August 15), 0.8 cfs (August 16 – October 15) and 5.75 cfs (October 16 – March 14) with an appropriation date of January 26, 2010. The upstream terminus is the confluence with West Prong South Fork Slater Creek and the lower terminus is the confluence with Slater Creek. This ISF reach is approximately 1.96 miles long and flows through Routt County.

On June 7, 2011, the Division 6 Water Court decreed an instream flow water right to the CWCB on Big Beaver Creek in Case No. 10CW056 for 2.1 cfs (April 1 – June 30) with an appropriation date of January 26, 2010. The upstream terminus is the confluence of Allen Creek and the lower terminus is the confluence with East Beaver. This ISF reach is approximately 3.94 miles long and flows through Rio Blanco County. This right is in addition to an existing instream flow right

on Big Beaver Creek decreed in Case No. 03CW276 in the amount of 2.9 cfs (April 1 – July 14) and 1.0 with an appropriation date of May 4, 1984.

On June 8, 2011, the Division 2 Water Court decreed an instream flow water right to the CWCB on Currant Creek in Case No. 04CW080 for 2.0 cfs (April 1 – October 31) and 1.4 cfs (November 1 – March 31) with an appropriation date of January 28, 2004. The upstream terminus is the confluence with Mill Gulch and the lower terminus is the confluence with Cottonwood Creek. This ISF reach is approximately 16 miles long and flows through Fremont County. Several pro se parties objected to the case. One party stipulated with CWCB regarding existing senior water rights; other parties were unresponsive. After providing ample time and notice for response, CWCB moved the Court to order a response deadline. Hearing no response by the deadline, the Court granted CWCB's Motion for Entry of Decree.

On June 8, 2011, the Division 2 Water Court decreed an instream flow water right to the CWCB on Currant Creek in Case No. 04CW081 for 1.9 cfs (April 1 – July 14), 1.5 cfs (July 15 – October 31) and 1.0 cfs (November 1 – March 31) with an appropriation date of January 28, 2004. The upstream terminus is the confluence with Thirtyone Mile Creek and the lower terminus is the confluence with Mill Gulch. This ISF reach is approximately 6.9 miles long and flows through Park and Fremont Counties. The CWCB acknowledged senior water rights exist on Currant Creek in the decree to alleviate some objectors' concerns, hearing no response from other objectors as described above, the Court granted CWCB's Motion for Entry of Decree

On June 15 2011, the Division 2 Water Court decreed an instream flow water right to the CWCB on Huerfano Creek in Case No. 10CW089 for 5.75 cfs (April 1 – October 31), and 2.75 cfs (November 1 – March 31) with an appropriation date of January 26, 2010. The upstream terminus is the confluence with an unnamed tributary and the lower terminus is the confluence with Stanley Creek. This ISF reach is approximately 2.6 miles long and flows through Huerfano County.

On June 15 2011, the Division 2 Water Court decreed an instream flow water right to the CWCB on Huerfano Creek in Case No. 10CW090 for 4.1 cfs (May 1 – October 31), and 2.7 cfs (November 1 – April 30) with an appropriation date of January 26, 2010. The upstream terminus is the outlet of Lilly Lake and the lower terminus is the confluence with the Central Branch of Huerfano Creek. This ISF reach is approximately 8.2 miles long and flows through Huerfano County. (*Rob Viehl & Kaylea White*)

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	<u>Percent Injury</u>	<u>Cumulative % Injury</u>	Previous Cases
2-94CW005	Stephen & Judy Sherlock	Cottonwood Creek/ 2-79CW115	20 cfs (summer) 20 cfs (winter)	0.0040 % 0.0002 %	0.6292 % 0.2993 %	144

2-92CW084	Rocky Mountain Council Inc., Boy Scouts of America	Poncha Creek/ 2-77W4675	8 cfs (summer) 8 cfs (winter)	0.0092 % 0.0000 %	0.0539 % 0.0111 %	10
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CWCB WATER EFFICIENCY GRANT FUND PROGRAM (WEGP) UPDATE:

Currently, staff is reviewing Water Efficiency Grant awards over the last fiscal year to identify trends in water conservation programs and measures at the water provider level. An annual report for Fiscal Year 2011 will be produced to highlight these efforts. With the fiscal year coming to a close the WEGP awarded \$527,600 for thirteen conservation activities and projects. Grant program goals for the next fiscal year will include grants for drought mitigation planning and implementation.

Two grant applications in final review are from the following entities:

- St. Charles Mesa Water District – *implementation from 2010 Water Conservation Plan*
- Southeastern Colorado Conservancy District – *audits to inform Regional Planning*

Four Water Efficiency Grants were completed. Deliverables to the CWCB is as follows:

- Broomfield Water Conservation Plan – submitted for approval
- Douglas County Water Conservation Plan – submitted for approval
- Town of Windsor – Rate Study – implementation recommended from the City's 2009 Water Conservation Plan.
- Center for ReSource Conservation (CRC) – Slow the Flow Indoor Water Audit Program. The CRC will deliver their final report at the end of June. (*Deborah Burrell*)

WATER CONSERVATION PLANS UNDER REVIEW: The Office of Water Conservation & Drought Planning (OWCDP) continues to work with the following providers to approve their Water Conservation Plans:

- **City of Arvada** – submitted a second draft on April 25, 2011. The plan is currently being reviewed.
- **City of Broomfield** – Broomfield submitted a final draft version of their Water Conservation plan to the CWCB for a preliminary review on June 9, 2011.
- **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 staff completed an evaluation of the Plan in April 2011 and met with the entity via conference call on May 9 to discuss revisions. Revisions to the Plan are pending.
- **Consolidated Mutual Water Company** – CWCB staff reviewed a revision of the Plan on May 13 following an April 28 meeting with the entity. Comments have been sent back to the entity.
- **Grand Valley Regional Water Conservation Plan** – Resubmission of the draft regional plan is pending.
- **Meridian Metropolitan District** – CWCB staff reviewed the plan on May 18, 2011 and has sent comments to entity.
- **Town of La Junta** – Final review of the Plan was completed by CWCB staff and additional comments were sent back to the Town on May 13, 2011.

- **City of Monte Vista** – Plan submitted to CWCB on April 25, 2011 for review and approval. The Plan is in the initial stages of the review process.
- **Douglas County Government** – The regional Water Conservation Plan from water providers in Douglas County was submitted on May 26, 2011. Review of the Plan is pending.

The CWCB has not approved any additional Water Conservation Plan from water providers since the May 2011 Director's Report. (*Ben Wade*)

GOVERNOR'S WATER AVAILABILITY TASK FORCE: *Please see included June 2011 Drought Update for information on current drought conditions throughout the state.* The next Water Availability Task Force Meeting is scheduled for July 14, 2011. Location and time is yet to be determined. Please check the website (<http://cwcb.state.co.us/public-information/flood-water-availability-task-forces/Pages/main.aspx>) for additional information. (*Ben Wade*)

WATER CONSERVATION TECHNICAL ADVISORY GROUP/ HB1051/DATA REPORTING WORKING GROUP: The Water Conservation Technical Advisory Group/HB1051 Working Group (TAG) has met twice since the last CWCB Board meeting - May 25 and June 22. A second version of the *working* Draft Guidelines Regarding the Reporting of Water Use and Conservation Data by Covered Entities was prepared for the May 25 meeting to give the Group a tangible product to work from. The May 25 meeting consisted of the Stakeholder Advisory Group (SAG) along with the core Working Group (TAG). Both groups went over the water use data work previously evaluated and discussed by the TAG initially, and agreed on the outcomes to date. At present time, the Guidelines document process is on track with the Group scheduled to begin evaluating and discussing the proposed water conservation data reporting items at the June 22 meeting. The TAG will continue meeting once per month, with the addition of the SAG members for one additional meeting in August. The SAG will continue to be responsible for providing a broader perspective on the work done by the TAG and will review the 1051 work products on several occasions. (*Kevin Reidy*)

CONSERVATION PLANNING GUIDANCE DOCUMENT REVISION UPDATE: The CWCB has begun revising the guidance documents for water conservation plans. A working group was selected from existing covered entities based on geographic and customer base diversity to assist in the development of the new water conservation planning documents. A survey, focused on the existing guidance document, was sent out to participants ahead of the first planned workshop. The first workshop was held on May 24 where the participants went through the survey results and held discussions on ways to improve and streamline the current guidance documents. A second workshop will be held on June 29 where the participants will evaluate a revised draft template for the Water Conservation Plan Guidance Document. (*Kevin Reidy*)

NIDIS/NDMC WORKSHOP IN CHICAGO: Veva Deheza and Taryn Hutchins-Cabibi attended the National Drought Mitigation Center (NDMC) and National Drought Information System (NIDIS) "Building a Sustainable Network of Drought Communities" workshop in Chicago, IL, June 8-9, 2011. The workshop goals were to 1) build on the two-way connection between the drought coordinators around the country and the scientists and policy makers; 2) expand the network of drought coordinators by using the U.S. Drought Portal to create virtual communities through which members can communicate and share drought resources and information; and 3) facilitate communication regarding stakeholder-identified planning efforts,

such as resources, assessment, strategies to cope with uncertainty, coordinating across boundaries, and sustainability (identified as a need within a NIDIS Workshop in Kansas City (NIDIS Workshop Report, 2008). Colorado will be able to directly use the ideas learned at this workshop to better execute the implementation of the State Drought Plan. The workshop also reinforced that Colorado has again taken a leadership role nationally in drought planning and the 2010 State Drought Mitigation and Response plan was widely hailed as the new model for statewide drought planning. Travel expenses were covered by NIDIS. (*Veva Deheza*)

MUNICIPAL DROUGHT MANAGEMENT SAMPLE PLAN: As part of the Municipal Drought Planning Toolbox and following the completion of the Drought Planning Guidance Document CWCB has developed a sample drought management plan that utilizes the guidance document approach to drought planning. This document is yet another tool that providers can use in creating their own drought plan. It will be posted in the Drought Planning Toolbox under Drought Planning Resources. (*Taryn Hutchins-Cabibi*)

WATER CONSERVATION LEVELS ANALYSIS UPDATE: Following up on work done in 2010, the CWCB is 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. Throughout this project, the work has been cross checked for usability in the revision of the water conservation planning guidance documents. Additionally, the new framework is being assessed for use in the HB 1051 process for collecting water conservation data. Presently, a first draft has been developed for the CWCB staff to review. (*Kevin Reidy*)

REVISED SURFACE WATER SUPPLY INDEX (SWSI) UPDATE: Over the last year and a half CWCB has been working with NRCS and DWR to improve the Surface Water Supply Index (SWSI) moving from reliance on four digit Hydrologic Unit Codes (HUC) to eight thereby increasing spatial resolution. The revised SWSI also utilizes streamflow forecasts which will help to eliminate illogical shifts from season to season. The revised SWSI for western Colorado was completed in 2010 and the eastern plains will be complete this summer. (*Taryn Hutchins-Cabibi*)

PUBLIC AWARENESS RESEARCH PROJECT: CWCB staff is in the final stages of reviewing 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. The communications plan provides the next steps in this process. This will include public opinion research, identifying leadership roles, and final implementation. The communication plan will be finalized and submitted to the CWCB within the next month. (*Deborah Burrell*)

UPDATE ON THE SOLICITATION OF QUALIFICATIONS FOR IBCC/SWSI SUPPORT: On May 24, 2011, the Colorado Department of Natural Resources (DNR)/Colorado Water Conservation Board (CWCB) announced a Request for Qualifications (RFQ) to provide consultant assistance to DNR/CWCB, the Interbasin Compact Committee (IBCC), and the nine basin roundtables over a six year period. Technical assistance through this contract will support the CWCB, IBCC, and the roundtables in compiling and analyzing existing information (including information from SWSI 2010), updating and refining existing information, and developing new information to assist with implementing the SWSI 2010 recommendations, IBCC recommendations and/or basin needs assessments. This work also provides general support and facilitation to the IBCC and basin roundtables.

June 22, 2011 was the deadline for submittals and four “Statement of Qualifications” were received. The prime consultants are: AECOM, CDM, Martin and Wood Water Consultants and Halepaska and Associates. The schedule for the advertising and selection is provided below. The major deadlines have been met thus far and interviews for the top three consultants are scheduled for July 14, 2011. The interview panel includes John Stulp, Jennifer Gimbel, Alex Davis, Eric Hecox, Todd Doherty, Travis Smith, Mark Pifher, John McCLOW, Peter Nichols and Jim Yahn. Final selection will be determined by John Stulp, Jennifer Gimbel and Alex Davis. *(Todd Doherty)*

Schedule for Selection and Contract Negotiations

Date(s) (approx.)	Item
May 24, 2011	Advertise for SOQ's in Post/News Classifieds and on Colorado BIDS.
June 9, 2011	Pre-submittal meeting
June 13, 2011	Written Questions Due
June 15, 2011 (Question due date + 2 days)	Questions and answers posted on BIDS website
June 22, 2011	SOQ's due
July 6, 2011	Select top applicants
July 14, 2011	Interviews and selection
July 15-19, 2011	Contract negotiations
July 20-29, 2011	Contract signature & review process
August 15, 2011	Begin work

LOAN REPAYMENT DELINQUENCY: Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2010 through June 24, 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 Fiscal Year 2011 totaled 276. There were eight 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 payments due in June 2011 for the Coon Creek Reservoir and Ditch Company and for the Town of Starkville have 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 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.

Also noteworthy is that staff attended a Town Meeting in June 2011 at the Town of Starkville (Town). Discussions included their delinquent CWCB loan. The Department of Local Affairs was also in attendance and offered steps to assist the Town in order to address their financial concerns in an effort to resolve them in a timely manner. (*Steve Biondo*)

LOANS PAID OFF: During Fiscal Year 2011, there was one loan repaid in full to the Construction Fund, detailed as follows:

Borrower	Contract No.	Original Loan Amount
City of Greeley	C153633	\$206,353

LOAN FINANCIAL ACTIVITY: Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2011 is detailed on the document “Attachment 4”. Funds received relative to loans in repayment totaled \$21.0 M for this period. Funds disbursed relative to new project loans totaled \$25.1 M for this period. Net activity resulted in \$4.1 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 \$13.2 M in receivables and \$8.6 M in disbursements for a total net activity of \$4.6 M received over disbursed. The STTFPBA consists of \$7.8 M in receivables and \$16.5 M in disbursements for a total net activity of \$8.7 M disbursed over received. (*Steve Biondo*)

~ATTACHMENTS~

- 01 Letter from SWCD to CWCB Regarding State of Colorado Allocation, Animas-La Plata Project
- 02 Finance Section – July Design and Construction Status Report
- 03 Instream Flow and Natural Lake Level Program – Summary of Resolved Cases
- 04 CWCB Financial Activity Report for Fiscal Year 2011
- 05 WSRA Open Grant Projects – Board Approved – Not Yet Contracted
- 06 WSRA In Progress Projects
- 07 WSRA Completed Projects

THE SOUTHWESTERN WATER CONSERVATION DISTRICT

Formed by the State Legislature in 1941 to Protect, Conserve, and Develop Water in the
SAN JUAN AND DOLORES RIVERS AND THEIR TRIBUTARIES
IN SOUTHWESTERN COLORADO

**West Building – 841 East Second Avenue
DURANGO, COLORADO 81301
(970) 247-1302 – Fax (970) 259-8423**

June 17, 2011

Jennifer Gimbel, Director
Colorado Water Conservation Board
1313 Sherman Street, Room 721
Denver, CO 80203

RE: State of Colorado Allocation Animas-La Plata Project

Dear Jennifer and CWCB Directors;

The Board of the Southwestern Water Conservation District (SWCD) met on June 2, 2011, and one of the agenda items was the State allocation of the Animas-La Plata Project. The Board greatly appreciates the CWCB's participation in the project to date, and would like to provide the following comments for your consideration during the decision making process for purchase of the State allocation in the project.

The Animas-La Plata Project has taken decades of planning, negotiations, building of partnerships, and legal battles to get the project built. The appropriation dates for the water rights date back to the late 1930's and were filed for in the first supplemental adjudication for the Animas River in 1965 by the SWCD. The original project included an irrigation component for the La Plata River, so water rights were decreed in that basin as well. After a rigorous evaluation of alternatives by the Bureau of Reclamation, an alternate point of diversion and alternate points of storage right were identified as the preferred alternative, and the SWCD was granted a change of water right for diversion at the Durango Pumping Plant and storage in Ridges Basin Reservoir (a/k/a Lake Nighthorse). Southwestern Colorado is also home to the Southern Ute Indian Tribe and the Ute Mountain Ute Tribe, and with participation and assistance from the State of Colorado, a settlement for their reserved water rights claim was achieved in 1988. A consent decree entered with the water court in 1991 confirmed the agreement. A key component of the settlement for the La Plata and Animas basins included construction of the Animas-La Plata Project, with each tribe receiving a sizeable project allocation. Construction was to begin in the early 1990's, but was delayed due to lawsuits filed by opponents regarding environmental compliance. After a significant amount of legal action, and negotiations facilitated by the Romer- Shoettler administration, the project was downscaled by federal action in the 2000 Settlement Act. The project components were reduced significantly, and all irrigation was removed from ALP. Former Governor Romer was a participant in the discussions in Washington, DC concerning the reduced project, which included the tribal water rights and a statutory allocation in the project for the State of Colorado of just over 10,000 af of supply (5,230 af of depletion). Pursuant to the federal act, the State has until final cost allocation by the BOR to exercise its option for the purchase of all or a portion of the statutory allocation. It is anticipated that the reservoir will be full before the end of June, and that final cost allocation could occur sometime in 2012. Any amount not purchased by Colorado will revert equally back to each tribe.

In 2010, the State Legislature and Governor Ritter took a significant step forward in the purchase of the water with the approval of HB10-1250 (CWCB Projects Bill) with \$36 million authorized for purchase,

Jennifer Gimbel
June 17, 2011
Page 2

and appropriations of \$12 million per year over a three year period. The first \$12 million appropriation was included in this legislation. The second \$12 million appropriation was approved by the legislature and signed by Governor Hickenlooper in HB11-1274. The General Assembly unanimously approved the 2011 legislation, with only one "no vote" being cast in 2010. The CWCB has been in contract negotiations for the purchase with the Bureau of Reclamation during 2011, and it is our understanding that the purchase will be an agenda item during the July or September CWCB meeting. We assume that the final decision for purchase will be made in consultation with the Governor's office.

The SWCD Board recognizes that there have been productive discussions with the Tribes exploring options for use of the State of Colorado allocation if it were to revert to them, and have appreciated being involved in these discussions. Currently, both Tribes have a significant project allocation and have been long term partners with the SWCD in development of the Animas-La Plata Project. The District fully supports the water allocation for the Tribes to meet their future demands, and for settlement of the reserved water rights. We also feel that the State of Colorado can play an important role in managing and utilizing their allocation in the project. It has taken the development of these long term partnerships, including the partnership with the State, to make ALP a reality.

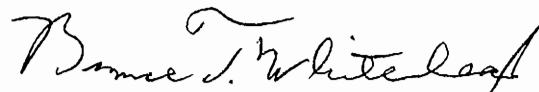
We believe this is an important opportunity for the State of Colorado, and strongly encourage the CWCB to approve the purchase of the full amount of the statutory allocation. The Board believes this is a prudent investment to assist in meeting existing and future water demands, given the results of recent studies undertaken by the CWCB in SWSI Phase II and the Colorado Climate Study. SWSI has identified a significant gap in future supply, even with construction of many of the IPP's (Identified Projects and Processes). The Animas-La Plata Project is included as an IPP in the SWSI studies. The Bureau of Reclamation is currently undertaking a Colorado River Basin Study, and Interim Report #1 confirms many of the findings of the CWCB Climate Study, showing warmer temperatures and a reduction in water supplies in the Colorado River Basin. These reports all indicate that southwestern Colorado could see the greatest reductions of water supply in the State. The ALP allocation could be critical in meeting future water and storage demands in this region, as well as being a component of a Water Bank contemplated to meet Interstate Compact obligations in the future.

The Southwestern Water Conservation District greatly appreciates the support for the Animas-La Plata Project by the CWCB, the State Legislature, and Governor Hickenlooper. Again, the SWCD would like to express their unanimous support (with one board member recusing themselves) for the purchase, including operating costs, for as much of the statutory allocation as possible within the \$36 million amount approved by the Governor and the General Assembly of Colorado.

Sincerely,



John Porter
President
Southwestern Water Conservation District



Bruce Whitehead
Executive Director
Southwestern Water Conservation District

Cc: CWCB Board
SWCD Board
Mike King, DNR
John Stulp, IBCC
James Eklund, Governor's Staff

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

1313 Sherman Street, Room 721
Denver, Colorado 80203
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TO: Colorado Water Conservation Board Members

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

DATE: July 1, 2011

SUBJECT: **Directors Report – July 12/13, 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 eight projects in 2011. There are currently 43 projects in design and/or under construction, involving over \$220,000,000 in loan funds

The attached spreadsheet and report summarizes the current project status, including loan/budget, construction schedule, and progress to-date.

July 1, 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 Wiggins, 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
5 Las Animas Consolidated Canal Company	Diversion Structure Rehabilitation	Bent	\$ 77,265	26,000 AF	26,000		100%	Oct-10	Mar-11	6/1/2011
6 Consolidated Extension Canal Company	Diversion Structure Rehabilitation	Bent	\$ 180,285	26,000 AF	26,000		100%	Oct-10	Mar-11	6/1/2011
7 Trinchera Irrigation Company	Garland Canal #2 Pipeline Project	Costilla	\$ 251,793	2300 LF	3,700		100%	Mar-11	Apr-11	6/1/2011
8 WRCC, Inc.	Cobb Lake Inlet Structure Rehabilitation	Larimer	\$ 1,352,592	35,000 AF	35,000		100%	Sep-10	Jan-12	7/1/2011
	Total =	SubTotal =	\$ 5,565,143		117,006	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	Chaffee/Custer	\$ 3,520,000	500 AF	500	200	100%	Jan-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	50%	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	Weld	\$ 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	90%
12 New Salida Ditch Company	Ditch Rehabilitation	Chaffee	\$ 365,620	300 L.F.	7,000		100%	Oct-09	Jan-12	90%
13 Farmers Pawnee Canal Company	Ditch Flow Control Structures	Logan	\$ 255,530	27,260	27,260		100%	Oct-08	Jan-12	90%
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	90%
20 Lower Latham Reservoir Company	Well Augmentation Project	Weld	\$ 3,811,573	5,705 AF	5,705		100%	Nov-09	Jan-13	65%
21 Town of Gypsum	LEDE Ditch and Reservoir Rrehabilitation	Eagle	\$ 2,689,731	685 AF	1,200	254	60%	Jun-10	Jan-14	15%
22 Town of Dillon	Old Dillon Reservoir Enlargement	Summit	\$ 1,515,000	286 AF	321	140	100%	Sep-10	Jan-14	5%
23 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	99%
24 City of Monte Vista	Augmentation Water Rights Acquisition	Rio Grande	\$ 1,693,770	321 AF	1,212		90%	Oct-10	Jan-12	50%
25 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%
26 Joseph W. Bowles Reservoir Company	Bowls No. 1 Dam Rehabilitation	Jefferson	\$ 1,703,870	2,062 AF	900		100%	Aug-10	Dec-11	90%
27 Grand River Ditch Company	Grand River Ditch Pipeline	Garfield	\$ 543,380	14,500	14,500		100%	Sep-10	Jul-11	99%
28 Louden Irrigating Canal and Reservoir Company	Rist Benson Reservoir Rehabilitation	Larimer	\$ 663,610	150AF	150	150	100%	Feb-11	Jul-11	99%
29 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
30 Supply Irrigating Ditch Company	Knoth Reservoir Dam Rehabilitation	Boulder	\$ 1,515,000	4,800 AF	4,800	400	95%	Jan-10	On-Hold	0%
31 Owl Creek Reservoir Company	Owl Creek Reservoir Rehabilitation	Weld	\$ 1,125,000	1200 AF	1,200	1,200	99%	Jul-10	On-Hold	0%
32 Penrose Water District	Water Rights Purchase and Pipeline Installation	Fremont	\$ 8,844,570	30,624 LF	339		65%	Oct-10	Jan-14	20%
33 Seven Lakes Reservoir Company	Railroad Crossing	Weld	\$ 772,842	7,796 AF	7,796		95%		In ReDesign	0%
34 Duel and Snyder Improvement Company	Diversion Structure Rehabilitation	Morgan	\$ 90,900	4,590 AF	4,590		25%	Sep-10	On-hold	0%
35 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%
36 Riverside Reservoir and Land Company	Riverside Reservoir Spillway Enlargement	Weld	\$ 2,838,100	64,000 AF	105,000		50%	Sep-10	Jan-13	0%
37 Riverside Ditch and Allen Extension Company	Ditch System Rehabilitation	Chaffee	\$ 186,345	3,250 LF	3,260		85%	Jul-10	Jan-12	80%
38 Parkville Water District	Canterbury Tunnel Repair	Lake	\$ 1,838,200	250 LF	1,086		75%	Oct-10	Jan-12	0%
39 Snowmass Water and Sanitation District	Zeigler Reservoir Expansion Project	Pitkin	\$ 2,873,804	240 AF	1,850	240	75%	Oct-10	Jan-12	5%
40 Lake Durango Water Authority	Source Water Supply Project	LaPlatta	\$ 2,525,000	309 AF	309				Contracting	
41 Southeastern CO Water Conserv. District	Arkansas Valley Conduit	Crowley	\$ 60,600,000	138 Miles	6,555				Contracting	
42 Huerfano-Cucharas Irrigation Company	Cucharas Reservoir Rehabilitation	Pueblo	\$ 1,622,060	35,395 AF	3,000	7,500			Contracting	
43 South Metro Water Supply Authority	Raw Water Delivery - Capacity Purchase	Adams/Denver	\$ 5,090,400	10,750 AF	10,750				Contracting	
	SubTotal =		\$ 223,392,503		787,042	57,651				
	Grand Total =		\$ 228,957,646		904,048					
	Reservoir construction projects involving storage: new, enlargment, dredging or removal of a SEO restriction =					60,353				

Kirk Russell, PE
Design and Construction Manager

Design & Construction Status Report

PROJECTS SUBSTANTIALLY COMPLETED IN 2011

1. Raymond Dairy, Incorporated – Concrete Ditch Reconstruction Project

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

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	County: Morgan/Weld
Water Source: South Platte River	Project Yield: 19,900 acre-feet
Terms of Loan: \$4,454,100@ 2.25% for 30 yrs.	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	County: Morgan
Water Source: South Platte Basin	Project Yield: 6,000 acre-feet
Terms of Loan: \$1,037,700 @ 2.5% for 30-years	Project Type: Well Augmentation

The Orphan Wells of Wiggins is a new company comprised of 31 separate agricultural operators that own 45 wells which irrigated approximately 4,500 acres of farmland. This project involves the construction of 1 recharge well, 1 augmentation well, various pipeline, and 23 recharge ponds. The project will generate augmentation credits to cover the depletions for the 45 existing wells. The project is currently 90% complete. The project has changed from its original scope to include additional piping and recharge sites. Additionally, the Company has purchased several Riverside Ditch shares that will improve augmentation efforts. The Company was approved for an increase of \$200,000 at the November 2006 Board Meeting to complete the additional recharge sites and for the purchase of the Riverside Ditch shares. These funds have

not been distributed. The Company elected to decline presenting its case in court, 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. The Project was substantially completed on March 1, 2011.

4. Stagestop 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 Stagestop Owners Association represents property owners in the Stagestop 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 required outlet work repair and the Upper Reservoir was under a fill restriction by the Office of the State Engineer. This project replaced the outlet pipes at both reservoirs, installed new outlet structures and valves, and spillways. The Project was substantially completed on April 1, 2011.

5. 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 was substantially completed on June 1, 2011.

6. Consolidated Extension Canal Company – Diversion Structure Rehabilitation

Authorization: Construction Fund	County: Bent
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Water Source: Arkansas River
 Terms of Loan: \$180,285@ 2.75% for 30 yrs.

Project Yield: 26,000 AF
 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 was substantially completed on June 1, 2011.

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

Authorization: Construction Fund
 Water Source: Ute Creek
 Terms of Loan: \$251,793@ 2.75% for 30 yrs.

County: Costilla
 Project Yield: 3,700 AF
 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. The project construction was completed in the spring of 2011 and was substantially completed on June 1, 2011.

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

Authorization: Construction Fund
 Water Source: Cach La Poudre
 Terms of Loan: \$1,352,592@ 2.85% for 30 yr.

County: Larimer/Weld
 Project Yield: 35,000 AF
 Project Type: Reservoir Rehabilitation

WRCC, Inc. owns and operates six storage reservoirs in Larimer and Weld Counties including Cobb Lake. 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 the inlet failed, the Reservoir could not be filled. The project reconstructed the inlet structure/ditch to address both the safety and possible failure issues. Construction was completed November 2010 however additional cosmetic work was completed in the spring of 2011 with a loan contract increase in January 2011. The project was Substantially Completed on July 1, 2011.

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 completed in winter 2010. **UPDATE: An additional phase of ditch rehabilitation was bid in May 2011 with construction scheduled for the summer of 2011.**

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 mid-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 received approval of additional funding at the November 2010 CWCB Meeting. **UPDATE: The Company negotiated a lien settlement with Geer-up Const./S4 Corp. in April 2011. The project will be substantially completed in fall 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 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 District 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, 64 ft high earth fill dam 4800 ft long with a 200 foot wide earth-lined spillway. The decreed storage right is 19,515 AF, but normal storage is 18,747 AF. The project will provide a lining of the steel 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, 43.5 ft high earth fill dam, 5,300 ft long with a 250 wide concrete/riprap spillway. The decreed storage right is for 7,660 AF, but the normal storage is 6,368 acre feet. The outlet works consist of a 48 in. concrete pipe that narrows to about 30 in. downstream of the control gate, due to previous re-lining projects. The reservoir has a restriction of 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. The Prospect reservoir outlet pipe has been lined and dam crest regrading is complete. The Company is currently evaluating the need to increase the dam width of Horse Creek with the remaining loan funds with construction expected in the fall of 2011.

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 will have a final phase completed in late 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 was approved for a loan contract increase 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 mid-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 received approval of a \$60 million loan from the CWCB for 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. Design was completed in 2009. The District will still 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 District did 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. On June 19, 2009, the District purchased the \$49,000,000 Cure water rights with CWCB loan funds, which was a critical piece to the overall success of the compliance project. The District has been evaluating the feasibility of installing hydropower on the pipeline system. **UPDATE: Request for proposals and subsequent bids is underway. Construction is scheduled to start in the fall of 2011 and continue until through 2012.**

16. Ogilvy Augmentation Company – Well Augmentation Project

Authorization: Severance Tax Fund

County: Weld

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

Project Yield: 60 acre-feet
 Project Type: Augmentation

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

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

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

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

The Boulder White Rock Ditch and Reservoir Company (Company) delivers irrigation water to land in Boulder and Weld Counties. It diverts water from Boulder Creek in downtown Boulder through the Boulder White Rock Ditch and stores water in two of its facilities: Six Mile Reservoir and Panama Reservoir. Due to recent operational changes, the Company no longer exchanges water with nearby ditches and needs to improve the flexibility in its own system to meet its shareholder's needs. The Company intends to build a reservoir pump station at the Panama Reservoir outlet in order to use water stored in the reservoir that is unable to be accessed through the existing gravity outlet. The Company was approved for a loan increase in the amount of \$434,000. The project construction was completed in 2010 however additional dredging work is currently being considered.

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

Authorization: Construction Fund
 Water Source: Snowmass Creek
 Terms of Loan: \$1,952,805@4.25% for 20 yrs.

County: Pitkin
 Project Yield: 1,800 acre-feet
 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. The construction was completed in 2010 and Substantial Completion is expected 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). 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. 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.

22. 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 was selected. **UPDATE: Construction has commenced and is expected to be completed in 2012.**

23. 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. Construction was completed in June 2011.

24. 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. CWCBC has disbursed funds for part of the water purchase and the Reservoir storage space.

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

Authorization: Construction Fund

Water Source: South Platte River

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

County: Morgan

Project Yield: 37,058 AF

Project Type: Augmentation/Pipeline

The Company operates a ditch system that serves surface water to approximately 15,000 acres of irrigated land between Weldona and Brush, and operates a recharge and augmentation plan that provides augmentation water for approximately 90 irrigation wells. In addition, the Company has an operational agreement with Groves Farms, LLC, which is a family farming corporation also located in Morgan County, for a recharge/augmentation plan. The Company, with Groves Farms, has designed a plan to re-divert and re-time augmentation credits from the Company's more senior recharge projects at certain times when they are not needed for direct augmentation use, and to divert water under new junior water rights when available for recharge and augmentation use. The Project involves installing one 24" pipe from the River extending three miles to recharge ponds on Groves Farms' land; installing two pumps to pump water from the River through the pipeline; installing one augmentation well and pumping equipment near Groves' ponds to pump ground water back to the South Platte River; and installing seven recharge /augmentation ponds on Groves Farms' land. Project construction is underway and scheduled for completion in the spring of 2011. **UPDATE: The Company has completed the project however there are some complications with the pumps ability to pump the specified amount of water to the recharge ponds. A primary concern is that the screen in the river is not functioning as designed during sandy/silty river flows.**

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

Authorization: Construction Fund

Water Source: Bear Creek

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

County: Jefferson

Project Yield: 2,062 acre-feet

Project Type: Reservoir Rehabilitation

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

27. Grand River Ditch Company – Grand River Ditch Pipeline

Authorization: Construction Fund

County: Garfield

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

Project Yield: 14,500 AF
 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. **UPDATE: The Company received a Colorado River District grant for \$85K. The balance of the principal will become a 30-year CWCB Loan. Project was completed in November 2010.**

28. Louden Irrigating Canal and Reservoir Company – Rist Benson Reservoir Rehabilitation

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

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

The 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. **UPDATE: Construction was completed in June 2011 and the SEO acceptance letter is expected soon.**

29. 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.

30. 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 Knouth 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.

31. Owl Creek Reservoir Company - Reservoir Rehabilitation

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

Owl Creek Reservoir is located approximately 6 miles east and 3 miles north of the Town of Ault. The reservoir was originally constructed in 1896 to store water for irrigation. The dam was constructed of granular material, and over the years has suffered structural damage due to seepage. Given the condition of the dam embankment and the potential for failure, the dam was intentionally breached in 1983. The proposed project involves rehabilitating the existing dam embankment, the construction of a controlled outlet structure, and the construction of an emergency spillway. The project was bid in the fall of 2003. The Reservoir Company is currently exploring its options increasing the dredging quantity to obtain its full storage decree of 1,750 acre-feet. The Company is considering applying for additional funds from the Board to achieve the full reservoir capacity. Additionally, the Company has amended the loan contract for a 1-year time extension to complete the work. The Company is also researching the possibility of utilizing Owl Creek Reservoir as storage facility from flows outside of Owl Creek. This could be accomplished by pumping water from the Larimer Weld Canal, located approximately $\frac{3}{4}$ of a mile downstream of the reservoir. The Company has received bids and is currently negotiating with Barker Construction, Fort Collins, Colorado to construct project for approximately \$1,250,000. The Company has expended approximately \$450,000 to-date for permitting, soils, and design and will need an additional \$600,000 to complete the project. Staff has indicated to the Company that additional collateral will be required to proceed forward with a loan increase, which is currently being considered.

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

Authorization: Severance Tax Fund	County: Fremont
Water Source: Arkansas River	Project Yield: 339 AF - Consumptive
Terms of Loan: \$8,844,570@3.25% for 30 yrs.	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 5/6th 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.

33. 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 and is considering the use of a tunnel bore in lieu of a bridge.

34. Deuel and Snyder Improvement Company – Diversion Structure Rehabilitation

Authorization: Severance Tax Fund

Water Source: South Platte

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

County: Morgan

Project Yield: 4,950 acre-feet

Project Type: Diversion Rehabilitation

The Deuel and Snyder Improvement Company 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.

35. 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 CWCBA 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.

36. 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.

37. 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. **UPDATE: Ditch lining phase of the project was completed in December 2010. Additional phases will be constructed in the winter of 2011.**

38. Parkville Water District – Canterbury Tunnel Repair

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

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

The Parkville Water District provides municipal water for the Town of Leadville and surrounding areas. The District provides service to about 2300 taps. The Canterbury Tunnel has been a critical water supply source to the District for over 45 years. The Tunnel originally served as mine drainage; however, because it was of such good quality and reliability the District added it to its water supply system. About 15 years ago, the flow of water was significantly reduced due to a collapse in the tunnel. The District proposes to drill a new well to access the functioning part of the tunnel and pump the water to the District's distribution system. The Project design is complete.

39. Snowmass Water and Sanitation District – Ziegler Reservoir Expansion Project

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. **UPDATE: A contractor was selected and construction will occur between June and November of 2011.**

40. Lake Durango Water Authority – Source Water Supply Project (NOT UNDER CONTRACT)

Authorization: Construction Fund	County: La Plata
Water Source: Animas River via Lake Nighthorse	Project Yield: 309 AF
Terms of Loan: \$2,525,000 @ 4.0% for 30 yrs.	Project Type: Water Rights/Infrastructure

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

41. 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.

42. 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.

43. 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.

**July 15-16, 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. 2-09CW020 -- Application of Tri Lazy Ranch

The Board ratified this statement of opposition at its May 2009 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicants' proposed change, which may cause an expansion of use and may affect the amount and timing of historical return flow patterns, does not injure the Board's instream flow water right on Browns Creek. 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
2-75W4287	Browns Creek	2(10/1-4/30) 5(5/1-9/30)	7/9/75	Arkansas Headwaters	Chaffee

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

- Applicant proposes to use its Pioneer Ditch water rights to irrigate the lands depicted in Exhibit 1 attached to the decree. Said lands are within geographic areas consistent with the Pioneer Ditch decrees described above. Said lands also include the thirteen acres described in paragraph 8 of the decree that were decreed for dry-up in the 01CW152 Decree. Applicant seeks no change in the actual point of diversion or type of use of its Pioneer Ditch water rights.
- Irrigation by Pueblo West's water rights of the subject thirteen acres ceased some time ago. There is no continued consumptive use attributable to Pueblo West's water rights on such lands. For that reason all dry up requirements regarding such lands for Pueblo West's Case No. 01CW152 have been met. *See* June 30, 2010 Order Approving Partial Dry-Up entered by this Court in Case No. 01CW152. There is no reason for Tri Lazy W to interrupt its irrigation on such lands.

- With respect to lands historically irrigated by Applicant’s Pioneer Ditch water rights that are not part of the lands proposed for irrigation in Exhibit 1, such lands are no longer irrigated by Applicant’s Pioneer Ditch water rights. The Court confirms that there is no continued consumptive use attributable to Applicant’s Pioneer Ditch water rights on such lands.
- The land irrigated by Applicant’s Pioneer Ditch water rights shall not exceed 162 acres, which limit is within the 1 cfs to 50 acres ratio decreed for these water rights. The approximate location of the 162 acres to be irrigated by Applicant’s Pioneer Ditch water rights is depicted in Exhibit 1 of the proposed Decree.
- Applicant shall install and properly maintain adequate measuring devices, provide accounting, and supply calculations (account for water diversions) acceptable to the State and/or Division Engineer as required for administration of the water rights that are the subject of this decree.

(2) Case No. 5-10CW125: Application of Grand Tunnel Ditch Company

The Board ratified the statement of opposition filed in these cases at its September 2010 meeting. The Board's main objective in filing this statement of opposition was to ensure that the Applicant’s requested senior appropriation date for winter water does not injure the Board’s instream flow rights on Rifle Creek if the actual use does not pre-date the instream flow water right.

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
5-80CW321	Rifle Creek	9.0/5.0	5/17/1980	Colorado	Garfield

The CWCB and the Applicant have agreed to the entry of a decree that will prevent legal injury to the Board’s ISF water right on Rifle Creek. The Applicants have agreed to the following terms and conditions:

- Pursuant to C.R.S. § 37-92-102(3)(b), the CWCB and Applicant acknowledge that Applicant has diverted up to 2 c.f.s. from the Grand Tunnel Ditch for livestock watering purposes from November 1 through March 15. This practice was occurring prior to the CWCB’s appropriation of the Rifle Creek instream flow right decreed in Case No. 80CW321. All priorities associated with the Grand Tunnel Ditch for livestock watering greater than those uses acknowledged above are junior to the instream flow water right decreed in Case No. 80CW321.
- The limited subordination of the Rifle Creek instream flow right to the Applicant’s pre-existing water use, as provided above, shall not interfere with the administration of Rifle Creek and shall not result in general subordination of the Rifle Creek instream flow right decreed in Case No. 80CW321 to any other water right junior to that instream flow water right.
- The Court hereby adjudges and decrees to Applicant 2 c.f.s., absolute, to the Grand Tunnel Ditch for livestock watering purposes from November 1 through March 15, which will be administered as senior to the instream flow water right decreed in Case No. 80CW321 pursuant C.R.S. 37-92-102(3)(b). All priorities associated with the Grand Tunnel Ditch for livestock watering greater

than those uses acknowledged above are junior to the instream flow water right decreed to the Colorado Water Conservation Board in Case No. 80CW321.

- Applicant shall maintain measuring devices and provide accounting as required by the Division Engineer.

(3) Case Nos. 4-10CW154—Application of Beeman B. Casto

The Board ratified the statement of opposition filed in this case at its March 2011 meeting. The Board's main objective in filing this statement of opposition was to ensure that the Applicant's proposed change of water rights, which may cause expansion, does not injure the Board's instream flow right on West.

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
4-77W3296	West Creek	6.0	1/19/1977	Lower Dolores	Mesa

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 West Creek.

The Applicant has agreed to the following terms and conditions:

- The CWCB's instream flow water right on West Creek, decreed in Case No. W-3296-77, Water Court for Water Division 4, is subject to the Applicant's diversion and use of the Shepardson Ditch No. 2 water rights at the location of the Lone Oak Ditch No. 2, pursuant to section 37-92-102(3)(b) because the water right was diverted at this location prior to CWCB's appropriation of the instream flow decreed in W-3296-77.
- The limited subordination of the instream flow water right to the Applicant's preexisting water use pursuant to section 37-92-102(3)(b) in this case shall not interfere with the administration of Applicant's Shepardson Ditch No. 2 water rights as against other water rights, and shall not result in general subordination of the CWCB's West Creek decreed instream flow right to any other water rights junior to that instream flow water right.

(4) Case No. 1- 98CW449 -- Application of Woodland Park

The Board ratified this statement of opposition at its March 1999 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicants' proposed well field enlargement does not injure the Board's instream flow water rights on Trout Creek and Horse Creek. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-77W8731	Trout Creek	2 (01/1-12/31)	1/19/1977	Upper South Platte	Teller Douglas
1-80CW210	Horse Creek	5 (01/1-12/31)	5/7/1980	Upper South Platte	Douglas

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 Trout Creek and Horse Creek.

The Applicant has agreed to the following terms and conditions:

- In priority depletions from operation of the Trout Creek Wells will not cause injury to other vested water rights. Out-of-priority depletions from operation of the Trout Creek Wells are addressed in Case No. 02CW254, which is pending before the court.
- In the proposed decree for 02CW254, Applicant agreed to add a term requiring augmentation of all lagged depletions from the operation of the wells. Applicant also added a clarification that seepage claimed from Loy Gulch Reservoir is transbasin water that is collected and measured from the toe drains.
- New accounting procedures will be consistent among the city's various cases including 86CW376, 02CW254, and 98CW449.

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	\$ 317,292	\$ 364,716	\$ 682,008	\$ 1,345,083	\$ (663,075)
April 2011	\$ 498,945	\$ 3,279,875	\$ 3,778,820	\$ 159,507	\$ 3,619,313
May 2011	\$ 1,109,609	\$ 719,562	\$ 1,829,171	\$ 368,461	\$ 1,460,710
June 2011	\$ 207,522	\$ 196,165	\$ 403,686	\$ 22,420	\$ 381,266
FY 2011 Totals	\$ 5,166,840	\$ 8,090,056	\$ 13,256,896	\$ 8,675,829	\$ 4,581,067

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	\$ 691,685	\$ 581,569	\$ 1,273,254	\$ 162,935	\$ 1,110,319
May 2011	\$ 780,505	\$ 605,572	\$ 1,386,077	\$ 97,855	\$ 1,288,223
June 2011	\$ 38,780	\$ 38,644	\$ 77,423	\$ 132,112	\$ (54,689)
FY 2011 Totals	\$ 3,974,005	\$ 3,800,637	\$ 7,774,643	\$ 16,456,430	\$ (8,681,787)
GRAND TOTALS	\$ 9,140,846	\$ 11,890,693	\$ 21,031,539	\$ 25,132,258	\$ (4,100,720)

WSRA Open Grant Projects - Board Approved - Not Yet Contracted
Updated 06/28/11

Basin	County	Applicant	Name of Water Activity	CWCB Meeting	Basin Account	Statewide Account	Total Request	Type of Water Activity	PM
2011 May Board Approvals									
Arkansas	Various	Sangre de Cristo RC&D Council Inc.	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates	May-11	\$9,394.00	\$37,577.00	\$46,971	Structural & Non-structural water Activity	Todd
Colorado	Mesa	Orchard Mesa Irrigation District	Canal #1 Check Structure Pilot Project at Dalton, Kiefer & Springer Properties	May-11	\$25,212.00	\$0.00	\$25,212	Study of a structural project & a structural water project	Jacob
Gunnison	Delta	Gunnison Gorge Anglers - Chapter of Trout Unlimited	Relief Ditch Diversion Dam Design	May-11	\$20,650.00	\$0.00	\$20,650	Nonstructural consumptive water project	Jacob
Rio Grande	Hinsdale	Santa Maria Reservoir Company	Santa Maria & Continental Reservoirs: Priority Studies to Restore Capacity	May-11	\$22,000.00	\$0.00	\$22,000	Studies or analysis of structural consumptive water project	Greg
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
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		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
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
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
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

WSRA IN PROGRESS PROJECTS

UPDATED 06/28/11

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	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	Sep-08	100,000	\$500,000	600,000	Studies/analysis structural/nonstructural, consumptive/non water needs projects	C150441	\$599,931	Unknown		06/30/12		In Progress	Andy
Arkansas	Chaffee, Fremont, Custer	Upper Arkansas WCD	Telemetry data collection platforms at six reservoirs plus flow control equipment & gauging at six reservoir outlet channels & nine streams w/in the upper Ark River basin	Sep-08	75,000	\$210,332	285,332	Structural and/or nonstructural water project or activity	C150439	\$285,332	\$529,884		12/31/11		In Progress	Andy
Arkansas	Bent, Kiowa	Lower Arkansas Valley Water Conservancy District	John Martin Wetlands & Neenoshe Reservoir Nonconsumptive Needs Quantification	May-09	148,975	\$0	148,975	Study/analysis of nonconsumptive water needs	C150457		\$43,250		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	Study or analysis of non structural, consumptive, or nonconsumptive water needs and projects	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 structural, nonstructural, consumptive, 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	Studies or analysis of nonconsumptive water needs and project	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			06/30/13		In Progress	Todd
Arkansas	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
Arkansas		Colorado Foundation for Water Education	Raising Awareness in 2012: A Statewide Celebration of Colorado Water	Mar-11	\$0	\$30,515	\$30,515	Nonstructural project or activity	110000000113	\$30,515			12/31/11		In Progress	Jacob
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	110000000131	\$75,000			12/31/11		In Progress	Chris S.
Arkansas Basin Total Request					552,575	\$1,504,180	2,056,755									
Number of Projects					11											
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	Grand County	Grand County	Fraser Sedimentation Basin	Mar-08	\$60,000.00	\$127,900.00	\$187,900.00	Structural Water Project	C150449	\$187,900			06/30/12		In Progress	Greg
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	11000000126	\$80,000	\$ 320,000		12/31/11		In Progress	Jacob
Colorado Basin Total Request					480,171	\$127,900	608,071									
Number of Projects					4											
Southwest		San Juan Water Conservancy District	Dry Gulch Reservoir/San Juan Reservoir Land Acquisition	Mar-07	0	\$1,000,000	1,000,000	Structural Water Project -- Land Acquisition for Reservoir Site	C150408	\$1,000,000	\$8,100,000		12/31/25		In Progress	Rick
Southwest		Town of Silverton	Molas Lake Ditch Rehabilitation and Diversion Structures	Jan-09	95,000	\$0	95,000	Structural Project	9000000143		\$1,100,000		12/31/11		In Progress	Greg
Southwest		Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Ditch Loss, Hydropower, and Monitoring Improvement Program	Mar-09	100,000	\$0	100,000	Technical Assistance for Feasibility Studies; Study & Implementation of a Structural, Consumptive Water Project	9000000115		\$300,000		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
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		06/30/11	In Progress	Greg	
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		06/30/11	In Progress	Greg	
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		06/30/11	In Progress	Todd	
Southwest	La Plata	Florida Mesa Canal Companies	Canal Seepage Reduction Program	Sep-10	\$0	\$775,000	\$775,000	Structural and/	C150475	\$775,000		06/30/13	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		12/31/11	In Progress	Greg	
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	C150477	\$148,823		06/30/12	In Progress	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	11000000122	\$88,000	\$ 90,000	06/30/12	In Progress	Greg	
Southwest Basin Total Request					345,000	\$2,675,281	3,020,281								
Number of Projects		16													
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	02/28/13		In Progress	Todd
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	01/31/09	06/30/11	In Progress	Todd
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	06/30/11		In Progress	Greg
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	06/30/12		In Progress	Greg
Gunnison	Montrose	Valley View Irrigation Association	Valley View Irrigation Improvement Project	Mar-11	\$11,817	\$0	\$11,817	Structural project or activity	11000000127	\$11,817	\$1,600	12/31/11		In Progress	Todd/Jacot
Gunnison Basin Total Request					385,582	\$418,960	804,542								
Number of Projects		8													
Metro	Arapahoe,Adams Weld	Lost Creek Groundwater Management District	Lost Creek Aquifer Recharge and Storage Study	Jan-09	80,000	\$0	80,000	Studies or analysis of structural, consumptive water projects	C150447	\$160,000	\$13,000	06/30/11		In Progress	Greg
Metro	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		06/30/11		In Progress	Jacob
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	06/30/13		In Progress	Jacob
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	06/30/13		In Progress	Jacob
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	06/30/13		In Progress	Jacob
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		06/30/13			

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		06/30/13		
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	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	Effects of Mtn pine beetle & forest mgmt on water quantity, quality, & forest recovery N.P. and Upper CO River basins	Sep-08	212,306	\$164,618	376,923	Studies or analysis of nonstructural project or activity	C150440	\$376,923	In-Kind	06/30/13	In Progress	Greg
North Platte		Colorado Climate Center--CSU	Monitoring the effects of weather conditions on the evapotranspiration in N.P.Basin	Sep-08	50,409	\$50,409	100,818	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	06/30/14	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		11/30/11	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.	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	Sangre de Cristo Trinchera Diversion Canal Restoration	Sep-09	\$104,000	\$150,000	254,000	Structural and/or nonstructural water project or activity	C150458	\$254,000	\$46,500	07/31/11	In Progress	Greg
Rio Grande	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		06/30/12	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	12/31/11	Extended2nd	Todd/Kirk
South Platte		Ducks Unlimited, Inc.	Weld County School Dist RE1 Wetland Partnership	Jul-08	42,110	\$0	42,110	Structural water project or activity	9000000063	\$42,110	\$160,000	07/31/11	In Progress	Todd
South Platte		Ducks Unlimited	S.P. Water protection and restoration	Sep-08	0	\$825,552	825,552	Structural and/or nonstructural water project or activity	C150432	\$825,552	\$2,000,000	06/30/12	In Progress	Todd

South Platte		The Nature Conservancy of Colorado	Arickaree River Well retirement program, Republican River basin, CO.	Sep-08	19,984	\$79,936	99,920	Studies or analysis of nonstructural project or activity. Structural and/or nonstructural water project or activity	09000000084	\$99,920	\$471,920	12/31/09	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	06/30/12		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					824,071	\$1,758,821	2,582,892								
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	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	Bear River Reservoir Company	Stillwater Reservoir Seepage Project	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	Improvement of lysimeter operations and consumptive use quantification in high-altitude, irrigated meadows in the Yampa /White Basin	Sep-10	\$10,000	\$10,978	\$20,978	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					82	\$ 4,748,600.81	\$ 8,870,972.92	13,619,574							

WSRA COMPLETED PROJECTS

Updated 06/28/11

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 Improvement Project	Jan-08	\$23,860		\$23,860	Study/analysis of structural/nonstructural project	8000000135					Eric	Completed
Arkansas	Lake, Chaffee, Fremont	Greater Arkansas River Nature Association	Arkansas River Basin City of Las Animas Water System Improvements	Mar-08		\$57,955	\$57,955	Study/Analysis Consumptive and Non- Consumptive Project	9000000025				Closed 8/31/09	Ted Todd	Completed
Arkansas	Bent	City of Las Animas	Rotational Land Fallowing- Water Leasing Program -Lower	Mar-08	\$100,000	\$200,000	\$300,000	Structural/Non-Structural Water Activity	C150424	\$2,022,000		12/31/09	09/23/09	(Kirk?)	Completed
Arkansas	Pueblo, Otero, Crowley,Bent, Powers	Lower Arkansas Water Conservancy District	Arkansas Super Ditch Company	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	Colorado State Parks Zebra Mussel Response	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		11			\$583,781	\$1,307,955	\$1,891,736								
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	Study/Analysis of consumptive project	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 Non- consumptive needs/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		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	Study/Analysis Consumptive and Non-Structural project or activity	C150407	\$150,000	\$0	03/31/11	03/31/11	Jacob	Completed
Colorado	Eagle/Pitkin/ Garfield	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment -Phase 2	May-08	\$40,000.00		\$40,000.00		9000000049	\$40,000.00			04/07/11	Chris	Completed
Colorado	Garfield	Grand River Ditch Company	Grand River Ditch Pipeline Solicitation of stakeholder input and advice through a Colorado River Basin edition of Headwaters Magazine	Sep-10	\$25,000	\$0	\$25,000		11000000097	\$25,000		06/30/11	06/01/11	Kirk	Completed
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	06/28/11	Jacob	Completed
Colorado Colorado Basin Total Request					\$420,000	\$2,100,000	\$2,520,000								
Number of Projects	12														
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 Todd (Kirk?)	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 Environmental/Technical feasibility studies and studies or analysis of structural and/or non structural water project or activity	C150422			06/30/09			Completed
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 Water System Well, Treatment System and Distribution	Jul-09	\$85,000	\$0	\$85,000		10000000011	\$132,375		06/30/11	12/09/09	Greg	Completed
Southwest	La Plata	Happy Scenes	Upgrades Town of Sawpit – Engineering/Planning for Domestic Water System; Southwest Basin	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		Mar-08	25,000	\$0	25,000	Study Structural Project	9000000006	\$6,700		06/30/09	06/07/10	Anna	Completed
Southwest		Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Mar-09	100,000	\$0	100,000	Analysis and Construction of Structural Nonconsumptive Water Project	C150450	\$284,000		06/30/10	06/30/10	Greg	Completed
Southwest		Summit Reservoir and Irrigation Company	MVIC Summit Irrigation Company feasibility study	Sep-08	39,300	\$0	39,300	Environmental/Technical feas. studies & studies/analysis of structural &/or non structural wtr project or activity	9000000085	\$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 and/or nonstructural water project or activity	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	Structural Project	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	Study or analysis of non structural, nonconsumptive water needs and projects	11000000028	\$57,000		9/30/2012	4/26/2011		Completed
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		12/30/10	06/06/11	Chris	Completed
Southwest Basin Total Request					\$660,248	\$1,440,000	\$2,100,248								
Number of Projects	13														

Gunnison	Hinsdale	Upper Gunnison Water Conservancy District and Hinsdale County	Lake San Cristobal Controlled Outlet Structure	May-07	\$35,000	\$0	\$35,000	Technical assistance regarding permitting, feasibility studies, and environmental compliance	8000000021				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
Gunnison	Delta, Montrose, Ouray	Project 7 Water Authority and Uncompahgre Valley Water Users Association	Off-System Raw Water Storage Project 7 Water Authority/Uncompahgre Valley Water Users Association	Sept-07	\$56,700	\$0	\$56,700	Environmental Compliance and Feasibility Study	80000000059				Closed	Todd	Completed
Gunnison	Gunnison	North Fork River Improvement Association	Paonia-Feldman Diversion Reconstruction; North Fork of the Gunnison River (Part 1 and 2)	Sept-07	\$48,000	\$62,700	\$110,700	Structural--development of construction plans and specifications for project	C150411			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 Study or analysis of a structural water project or activity	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	Structural and/or nonstructural 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		10000000041	\$50,000	\$87,129	06/30/11	04/08/11	Todd	Completed
Gunnison Basin Total Request Number of Projects						\$368,800	\$442,700	\$811,500							
		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						\$763,146	\$200,000	\$963,146							
		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						\$202,000	\$96,000	\$298,000							
		2													
Rio Grande		Alamosa Riverkeepers	Alamosa River In-stream Flow Project	Mar-07	\$64,500	\$0	\$64,500	Study/Design for Structural Water Project	70000000076					Chris	Completed

Rio Grande		Colorado Rio Grande Restoration Foundation San Luis Valley Resource Conservation and Development Council	Rio Grande Basin Conservation Reserve Enhancement Program	May-07	\$36,750	\$0	\$36,750	Non-structural water activity	8000000006				Closed	Todd	Completed
Rio Grande			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						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		Completed
Rio Grande 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	Completed
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	Completed
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		Completed
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		Completed
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	Todd		Completed
South Platte South Platte Basin Total Request						\$300,017	\$354,781	\$654,798							
Number of Projects		7													
Y/W/G		Upper Yampa Water Conservancy District	Morrison Creek Reservoir Feasibility Study	July-07	49,500	\$0	49,500	Feasibility Study Study/Analysis of Consumptive	8000000058	\$0	03/31/08	02/25/10	Todd		Completed
Y/W/G		Vermillion Ranch	Sparks Reservoir	Jul-08	16,000	\$0	16,000	Activity/Project	9000000039	\$3,000	12/31/08	02/25/10	Todd		Completed
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		Completed

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
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			
Y/W/G Basin Total Request	8													
WSRA Completed Total				\$4,271,452	\$8,415,971	\$12,687,423								