



COLORADO WATER CONSERVATION BOARD

DIRECTOR'S REPORT

NOVEMBER 2012

STATE OF COLORADO

Colorado Water Conservation Board

Department of Natural Resources

1313 Sherman Street, Room 721
Denver, Colorado 80203
Phone: (303) 866-3441
Fax: (303) 866-4474
www.cwcb.state.co.us



TO: Colorado Water Conservation Board

FROM: Jennifer Gimbel
Brent Newman
CWCB Staff

DATE: November 13-14, 2012

SUBJECT: **Agenda Item 5d**, November 2012 CWCB Board Meeting
Director's Report

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

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~INTERSTATE AND FEDERAL~

U.S.-MEXICO BI-NATIONAL NEGOTIATIONS CONTINUE: The principals for the Colorado River Basin States have made immense progress, along with the U.S. and Mexican federal officials and other stakeholders, in exploring the opportunities to improve water management in a way that could benefit both countries through agreements. We will update the Board at the upcoming Board meeting. (*Ted Kowalski*)

~STATEWIDE~

FLOODPLAIN MAP MODERNIZATION/RISK MAP UPDATE:

FY12 Activities: FEMA grants have been approved for the Cache La Poudre and Purgatoire watersheds. Additional post-fire analyses will be conducted in the Cache La Poudre watershed and funded by the CWCBC. The FEMA Lidar grant will be utilized to obtain topography in the post fire as well.

FY11 Activities: Risk Map projects for the St. Vrain and Clear Creek Watersheds is underway. Lidar data has been received by FEMA and base map and hydrologic tasks are under way.

FY10 Activities: Work is underway for Chaffee, Logan and Pitkin Counties. Preliminary mapping for Pitkin County is almost completed. The final meeting will be in conjunction with FEMA's resiliency meeting, as part of the Risk Map effort. Hydraulic tasks and floodplain mapping tasks are continuing for Logan County. The LIDAR data for Chaffee County has been provided by the USGS. Hydraulic and floodplain mapping tasks have now resumed for Chaffee County.

FY09 Activities: The South Platte approximate floodplain delineation has been completed and approved by FEMA for Morgan County. The Morgan County DFIRM schedule has been delayed due to the levee in the Town of Wiggins. The Town is currently in the process of certifying the levee. FEMA has completed a second review of the levee certification package submitted by the Town of Wiggins. The Beaver Creek study through the Town of Brush has been submitted and reviewed by FEMA.

The Prowers County DFIRM floodplain mapping tasks have been completed. Preliminary floodplain mapping is complete but not yet approved. There are three levees to analyze in the county and will be affected by the recent FEMA memo on de-accredited levees. The Town of Lamar and Grenada are in the process of assessing their levees. A new scope of work is in progress to complete this project as a Partial Countywide DFIRM.

FY08 Activities: Montrose County DFIRMs became effective on January 6, 2012. The Elbert County and Rio Grande County DFIRMs are now effective. Gunnison County DFIRMs are now in the post preliminary phase and in the 90 day appeal period.

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. The project is on hold and a new scope of work is in progress to complete this project as a Partial Countywide DFIRM.

The Pueblo County Arkansas River Levee floodplain study is in progress, finalization is still progressing. This project was delayed due to the Fountain Creek hydrology and a new scope of work is in progress to complete this project as a Partial Countywide DFIRM.

FY07 Activities: Summit County DFIRMs became effective November 2011. La Plata County received their effective maps in August 2010. Park County has gone effective in December 2009. Delta County maps became effective in July 2010. Teller County and Archuleta County have gone effective since September 2009. El Paso County DFIRM is currently on hold and a new scope of work is in progress to complete this project as a Partial Countywide DFIRM.

FY 06 Activities: Weld County detailed study work continues to progress. The Town of Evans will not be certifying their levee and has submitted a formal letter to allow the DFIRM process to move forward. The Draft Preliminary maps have been sent to FEMA for review. Fremont County DFIRMs became effective on January 6, 2012. Clear Creek County has gone effective July 17, 2012.

FY 05 Activities: Mesa County DFIRM became effective in June 2010. The Garfield County DFIRMs are now in the post preliminary phase and recently ended the 90 day appeal period. 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. Public meetings took place in Longmont, Louisville, Lafayette, and in Boulder County. Effective maps should be issued in December 2012. (*Thuy Patton*)

GROUND WATER COMMISSION MEETING: No Ground Water Commission (GWC) meetings have been held since the last CWCB meeting. The Ground Water Commission will hold its next regular meeting on November 16, 2012 in Castle Rock, CO. For more information visit: <http://water.state.co.us/groundwater/CGWC/Pages/default.aspx>. (*Suzanne Sellers*)

~COLORADO RIVER BASIN~

COLORADO RIVER WATER USE: As of October 1, 2012, storage in the major Upper Basin reservoirs decreased by 397,070 acre-feet and storage in the Lower Basin reservoirs decreased by 271,200 acre-feet during September 2012. Total system active storage as of October 1 was 34.023 million acre-feet (MAF), or 57 percent of capacity, which is 4.657 MAF less than one year ago. (Upper Basin reservoirs decreased by 4.786 MAF, and Lower Basin reservoirs increased by 0.128 MAF.)

As of October 1, the 2012 forecast for the Lower Basin states' consumptive use of Colorado River water totals 7.448 MAF, which includes Arizona at 2.780 MAF, California at 4.410 MAF, and Nevada at 0.258 MAF. (*Andy Moore*)

TENMILE CREEK BELOW WEST TENMILE CREEK GAGE INSTALLATION: On October 29, 2012, the DWR and CWCB installed a new stream radar level flow monitoring satellite station on the Tenmile Creek below West Tenmile Creek, CO. (TCBWTCCO). The gage is operated by DWR and will transmit during winter. The Board provided equipment and

labor for installation and Powdr Corporation (Copper Mountain) will be funding operation and maintenance. The provisional data can be accessed at: http://www.dwr.state.co.us/Surfacewater/data/detail_graph.aspx?ID=TCBWTCCO&MTYPE=DISCHRG. DWR is currently establishing the rating table, and until it is derived, the station will only transmit gage height data. The gage was part of a stipulated settlement between the Board and Copper Mountain to resolve concerns related to potential injury to the Tenmile Creek instream flow water right resulting from a proposed increase in snowmaking. The data will be valuable for monitoring and enforcement of the Board's instream flow water rights and for the State as a whole because it adds another node on a tributary of the Colorado River. (*Brian Epstein & Jeff Baessler*)



UPPER COLORADO RIVER WILD AND SCENIC STAKEHOLDER GROUP: On September 16, 2011, the Bureau of Land Management (BLM) issued its Colorado River Valley draft Resource Management Plan (RMP)/Environmental Impact Statement (EIS) and the Kremmling draft RMP/EIS. The preferred alternative for each document is Alternative B. Alternative B is further divided into two options; B1 and B2. Between the two documents, Alternative B1 would find four Colorado River segments suitable while Alternative B2 would defer Wild and Scenic River suitability determination, and adopt and implement the Stakeholder Group's proposed Management Plan. Under either Alternative B1 or B2, two segments of Deep Creek would be found suitable. For more information or electronic copies of these documents, see the following links:

http://www.blm.gov/co/st/en/BLM_Programs/land_use_planning/rmp/kfo-gsfo/crv.html and http://www.blm.gov/co/st/en/BLM_Programs/land_use_planning/rmp/kfo-gsfo/kremmling.html. The Kremmling Record of Decision (ROD) is anticipated to be out in early 2013 and the Colorado River Valley ROD is anticipated to be out during the last quarter of 2013. The BLM's Wild and Scenic Report, addressing both Kremmling and Colorado River Valley segments, is also expected out in early 2013.

The Stakeholder Group is working on monitoring efforts in the subject reaches; including gathering data collected by others (i.e. Colorado Parks and Wildlife fish biomass surveys) as well as collecting their own data (i.e. creel surveys and recreation surveys). The Stakeholder Group performed a float boating survey as a "test case" during August and early September of this year. Next steps include analyzing this summer's float boating survey data and developing a subcommittee to address flushing flows. The stakeholder group is also beginning to develop the 2012 Annual Report. (*Suzanne Sellers*)

COLORADO RIVER WATER AVAILABILITY STUDY (CRWAS): Since the CWCB's Project's bill was approved and signed by the governor, the CRWAS team has initiated meetings with several IBCC members to get an understanding of what they believe CRWAS Phase 2 should focus on. The Water Supply Planning and Interstate & Federal Sections are meeting to insure internal coordination process is established between CRWAS and IBCC efforts. (*Ray Alvarado*)

GLEN CANYON DAM TECHNICAL WORK GROUP (TWG) MEETING: The Glen Canyon TWG meeting was held on October 24-25, 2012, in Phoenix, AZ. The TWG made suggestions to the proposed operations associated with the High Flow Experiment (HFE) release this fall, under the recently adopted HFE protocol. It appears as though an HFE release will occur, most likely on November 19, 2012. Director Gimbel intends to attend the event, if it occurs. Information is available at: http://www.usbr.gov/uc/rm/amp/amwg/amwg_mtginfo.html or <http://ltempeis.anl.gov/index.cfm> (*Ted Kowalski*)

COLORADO RIVER BASIN STUDY RECEIVES A PARTENRS IN CONSERVATION AWARD: The Basin States and the Bureau of Reclamation ("BOR") were nominated for, and received on October 18, 2012, a "Partners in Conservation" award for their work on the Colorado River Basin Study. The Board will receive an update on the Basin Study at the upcoming Board meeting, before the release of this report later this year. For more information visit: <http://www.usbr.gov/lc/region/programs/crbstudy.html> (*Ted Kowalski*)

COLORADO RIVER BOARD OF CALIFORNIA APPOINTS NEW DIRECTOR, HOSTS REPRESENTATIVES OF THE COLORADO RIVER BASIN STATES: On October 1, 2012, Tanya Trujillo became the Executive Director of the Colorado River Board of California. Before Tanya accepted this position, she held positions as: General Counsel for the New Mexico Interstate Stream Commission, Counselor for the Senate Natural Resources Committee Water and Power Subcommittee, and Counselor to the Assistant Secretary for Water and Science for the U.S. Department of the Interior. Colorado congratulates Tanya, and wishes her well in her new position. In addition, Colorado was able to send a number of representatives to a tour hosted by the Colorado River Board of California of the State Water Project. Director Biggs and Director Blakeslee were both able to attend and I know that they would agree that the tour was worthwhile. (Ted Kowalski)

~ARKANSAS RIVER BASIN~

PRODUCED WATER DISCHARGE IN THE PURGATOIRE WATERSHED: The Water Quality/ Quantity group discussed “produced water discharge” at its quarterly meeting on October 4, 2012. The meeting includes staff and/or board/commission members from the CWCB, DWR, Colorado Department of Agriculture, Water Quality Control Division (WQCD) and Commission, CPW, and the Governor’s Office. Barbara Biggs led the discussion for the CWCB, and Steve Gunderson led the discussion for the WQCD.

Produced water in the Purgatoire Basin tends to be high in total dissolved solids (TDS) and has a high sodium adsorption ratio (SAR). SAR values greater than 15 can cause serious problems in the soil that make it difficult for plants to absorb water. Produced water in the Purgatoire Basin can have SAR values between 80 and 150. The WQCD issues permits for produced water based on site specific limits. There are no state numeric standards. Operators of coal bed methane wells that produce water generally prefer a discharge permit as opposed to deep well injection. Permits may be issued in instances where the produced water is discharged to an ephemeral arroyo that doesn’t deliver water to a water supply stream. WQCD has seen problems in the past where this water has reached water supply streams. Once diverted, the produced water has been qualitatively linked to fallowed fields and sickness in dairy stock. WQCD limits discharges of produced water where irrigation diversions exist. WQCD is concerned that some produced water permitted for release in dry arroyos may be making it to live streams. There is also a concern that the produced water that isn’t supposed to be making it to a live stream is being claimed for augmentation credits with DWR. (*Chris Sturm*)

~PLATTE RIVER BASIN~

PLATTE RIVER RECOVERY PROGRAM: The Platte River Recovery Implementation Program (“Program”) Governance Committee has not met since the last CWCB meeting. However, Suzanne Sellers participated in J-2 Reregulating Reservoir negotiations and Water Advisory Committee, Technical Advisory Committee, Land Advisory Committee, Independent Scientific Advisory Committee, and Finance Committee conference calls and meetings. The next Governance Committee meeting will be held on December 4-5, 2012 in Denver, CO. For more information, please visit: <http://www.platteriverprogram.org/Pages/default.aspx>. (*Suzanne Sellers*)

SOUTH PLATTE DECISION SUPPORT SYSTEM (SPDSS): DWR is continuing to monitor observation wells in the Sterling area and has a website where updated information can be obtained on the monitoring efforts. As part of this year Project's Bill (SB12S-002), DWR is looking into the high groundwater issue around the Gilcrest/LaSalle area. This will include data collection, collection of exiting water levels, working with the Colorado Geological Survey and the U.S Geological Survey. There will be extensive coordination with the Colorado Water Resource Institute (CWRI) to insure avoidance of duplication of efforts (under HB-1278) and to maximize resources.

The CWCB, as part of the Project Bill authorization, will be contracting out the data extension of the alluvial groundwater model to include the years 2006-2011. The scope has been drafted and the request for proposal will be advertised for vendors to review and once the final SPDSS alluvial groundwater modeling report is completed.

Also under the Severance Tax grant program, a \$50,000 contract has been issued to Colorado State University (CSU) to review the South Platte Decision Support System (SPDSS) alluvial groundwater model. CSU is conducting an independent evaluation of the model capabilities, strengths and weaknesses. They have received the model and were successful in getting it to run and will be porting it over to a UNIX environment for faster run times. This will be the first of a three year effort. (*Ray Alvarado*)

~SAN JUAN/SAN MIGUEL-DOLORES RIVER BASIN~

RIVER PROTECTION WORKGROUP: The River Protection Workgroup (RPW) Steering Committee held a regular meeting on October 9, 2012 and its next meeting is scheduled for November 7, 2012. Regular agenda items included workgroup updates and a budget update. The Steering Committee also drafted a letter dated October 17, 2012 to respond to concerns raised about Trout Unlimited involvement with the RPW. Also during the meeting, the Steering Committee was given a preview of hydrographs that were developed by CWCB staff for the Animas River. The Steering Committee is beginning to plan the "Regional Discussion" which will take place after all five public workgroups have completed the dialogue for: Hermosa Creek; San Juan River - East and West Forks; Upper Animas River; Vallecito Creek/Pine River; and the Piedra River. There were discussions on whether self-facilitation, facilitation or a mediator would be most appropriate for the Regional Discussion. The group also discussed ideas for the first several meetings, including presenting each of the 5 basin reports and mapping out the Regional Discussion process.

The proposed "Hermosa Watershed Protection Act", a product of the Hermosa Creek RPW, was introduced to Congress by Senator Bennet in July 2012. The bill reflects a balance between conservation, economic development and other uses. The bill did not make it out of Committee and will be reintroduced during the next Congress.

The RPW for the Animas River held a regular meeting on September 13, 2012 in Silverton, CO. At the meeting, the workgroup discussed a draft outline for the final report, brainstormed their underlying interests and determined whether there was consensus on the options available for Mineral and South Mineral Creeks. Consensus was reached on further studying the iron fens and considering county code amendments to protect the groundwater associated with the iron fens. The group also contemplated whether an instream flow (ISF) may be used to protect the iron

fens. Consensus was also reached on further studying the black swifts, exploring seasonal closure of the waterfalls used by black swifts, and exploring an ISF as a potential tool to protect the habitat for the Black Swifts. It is anticipated that this work group may conclude sometime around March 2013. The next meeting is scheduled for October 25, 2012 in Silverton, CO.

The RPW for the Piedra River held meetings on September 18, 2012 and October 15, 2012 in Pagosa Springs, CO and its next meeting is scheduled for December 11, 2012 at the same location. A field trip of the main stem of the Piedra was held on September 17, 2012. During these meetings, the work group continued to develop their segment by segment analysis and continued to identify whether the previously identified values are adequately protected for the main stem and Weminuche segments. An early compromise was offered that suggested dropping wild and scenic suitability status in exchange for expanding the Piedra Area (established by the 1993 Colorado Wilderness Act). It is anticipated that this work group may conclude sometime during the winter or spring of 2013. For more information, see the following link: <http://ocs.fortlewis.edu/riverprotection>. (*Suzanne Sellers*)

~YAMPA/WHITE RIVER BASIN~

RELEASES FROM STEAMBOAT LAKE FOR ISF USE: On September 21, 2012, CWCB staff and Colorado Parks and Wildlife (“CPW”) notified the Division of Water Resources of a planned release by CPW from Steamboat Lake to increase flows on the Elk River below the release point on Willow Creek. The CWCB holds instream flow (“ISF”) water rights on the mainstem Elk River below Rock Creek to the Yampa River for year-round flows of 65 cfs. The Elk River represents a substantial Yampa River tributary on which spawning mountain whitefish run upriver each fall. Mountain whitefish are a highly migratory salmonid species native only to the Yampa and White River basins in Colorado, whose population distribution within these drainages has been diminished by water diversions and in-channel impoundments. Because flows in mid-September were consistently below 30 cfs at the Elk River gage near Milner, releases of 20-40 cfs from Steamboat Lake would improve the probability for successful upstream spawning runs by the whitefish. The releases were authorized under two water court decrees held by CPW -- Case No. 90CW1, which enlarged existing storage in the reservoir by 3,300 AF, and by a subsequent decree, 95CW150, that authorized release of up to 3,155 AF for instream flow use. CPW released approximately 675 AF starting in late September and ending on October 15. CPW biologists’ observations confirmed that the releases, coupled with some fortuitous rain events, resulted in suitable spawning conditions for this important population of mountain whitefish. (*Linda Bassi*)

~AGENCY UPDATES~

REQUESTS FOR ADMINISTRATION OF ISF WATER RIGHTS: From June through September 2012, staff, on behalf of the Board, placed calls for administration of the following ISF water rights. Staff was alerted to low flow conditions via the flow alert system. The Division Engineers have worked diligently to enforce the calls through the curtailment of junior rights and/or through the implementation of various augmentation plans.

STREAM NAME	CASE NUMBER	DATE OF FORMAL WRITTEN CALL	ADMINISTRATION RESULTS
Gypsum Creek	5-80CW116 5-80CW117	September 28, 2012	Junior exchanges were curtailed.
Eagle River	5-80CW134 5-80CW126	September 25, 2012	Upper Eagle Regional Water Authority, Eagle River Water and Sanitation and the CO River District released from Eagle Park Reservoir and Black Lakes; junior exchanges were curtailed.
East River	4-83CW228	September 21, 2012	Upper Gunnison River Water Conservancy District released augmentation water from Meridian Lake Reservoir
Colorado River	5-80CW447	August 28, 2012	Information not available at this time.
Slate River, Washington Gulch	SWSP – Breem Ditch	August 16, 2012	SWSP resulted in junior diverter curtailment; Upper Gunnison River Water Conservancy District released augmentation water from Meridian Lake Reservoir.
Elk River	6-77W1279 6-77W1331	August 16, 2012	Diversion reduced to decreed amount; diversions tagged in absence of headgate, or lack of operable headgate or measuring device.
Eagle River	5-78W3811	July 27, 2012	Upper Eagle Regional Water Authority, Eagle River Water and Sanitation and the CO River District released from Eagle Park Reservoir and Black Lakes; junior exchanges were curtailed.
Roaring Fork River	5-76W2948	July 24, 2012	Junior exchanges curtailed requiring local portion of augmentation plans to operate.
Slate River	4-80CW092	July 6, 2012	Upper Gunnison River Water Conservancy District released augmentation water from Meridian Lake Reservoir; junior diverters curtailed.
Pine Creek	2-77W4673 2-77W4674	June 12, 2012	Curtailment became unnecessary as flows increased and the Anderson Ditch was not operating due to construction activities.
Fraser River	5-90CW308B	June 12, 2012	Information not available at this time.

The call letters and detailed information on the Board's rights that were administered can be found on the CWCB's web page at: <http://cwcb.state.co.us/public-information/instream-flow-administrative-calls/Pages/main.aspx> (Jeff Baessler)

COMMUNITY ASSISTANCE PROGRAM UPDATES: CWCB staff continues to work with communities to update floodplain regulations incorporating the State Rules for floodplains within the three year transition period, which ends on January 14, 2014. The State model floodplain ordinance was presented at the annual conference of the Colorado Association of Stormwater and Floodplain Managers. A letter summarizing the necessary changes and offering

technical assistance was sent to every community Floodplain Administrator in the state. Outreach efforts will continue to ensure that communities have the information and assistance needed to incorporate the Rules. CWCB is partnering with FEMA on outreach efforts. (*Jamie Prochno*)

WEATHER MODIFICATION PERMITTING PROGRAM UPDATE: Two contractors have applied to renew three wintertime cloud seeding permits for the Central Colorado Mountains, Gunnison River Basin, and Telluride/Upper San Miguel Basin. Public hearings are required by statute and Rule. These hearings were held with CWCB staff and the Attorney General's office on August 30 in Gunnison, September 24 in Silverthorne, and October 17 in Telluride. The hearings help CWCB and the AGO hear public comments and develop a record of decision and catalog documents and comments for and against the application for a permit. They also help staff formulate the recommendations to the CWCB Director in the decision to approve or deny the permit. A total of approximately thirty people attended the three meetings, and their comments were recorded and considered. The AGO and CWCB staff recommendation is to approve these three requests for permits.

After the last hearing, staff presented to four hundred attendees of the Colorado Snow and Avalanche Workshop in Leadville on October 19 regarding the state of the weather modification program in Colorado. According to Chris Landry and Colorado Avalanche Information Center staff, the presentation was well received. (*Joe Busto*)

CENTER FOR SNOW AND AVALANCHE STUDIES UPDATE: For the last three years, CWCB has contracted with Chris Landry of the Center for Snow and Avalanche Studies (CSAS) for financial assistance for activities conducted by CSAS. Many water agencies around the state are supporting this work but are only familiar with the Dust on Snow research. On October 18, Joe Busto hiked the primary study plot with Chris Landry to see firsthand how invaluable this study plot can be to snow and mountain hydrology throughout the state. CSAS has a 30 year Forest Service permit, and this is the only heavily instrumented alpine snow catchment sub basin in North America. Modeled after similar work in Europe, it is much more than just Dust on Snow research. Rather, it is a forum for researchers to answer questions about changing conditions and climate in alpine and sub alpine areas. NASA even has instruments studying the atmosphere at this location. This study plot is at the top of Red Mountain Pass between Silverton and Ouray and Board members, staff, and interested parties are encouraged to meet Mr. Landry for a tour of the location. Mr. Landry is also working with Martyn Clark of the National Center for Atmospheric Research to develop the Dust on Snow data set into inputs to hydrologic models and a means to determine dust events and the effects they will have on runoff forecasts. (*Joe Busto*)

MIDWESTERN STATES PRECIPITATION ATLAS NEARING COMPLETION: The new "NOAA Atlas, Volume 8" (Atlas) is nearing completion and is currently undergoing peer review. This document updates depth-duration-frequency (DDF) curves for events ranging from 2-year to 100-year return intervals and 1-hour to 10-day durations for 11 "Midwestern states", which includes Colorado. The precipitation frequency estimates play a vital role in the design of our nation's infrastructure.

The creation of Colorado's portion of this document was a multi-year data analysis project that was significantly funded by the CWCB through a Construction Fund non-reimbursable

investment. This document replaces the aging “NOAA Atlas 2, Precipitation Frequency Atlas of the Western United States”, which has been the scientific basis for establishing rainfall patterns since 1973. The updated Atlas includes over 35 years of additional data and new reporting stations used to more accurately describe precipitation patterns throughout the state. Although a summary of the results will not be available until peer review is complete, Nolan Doeskin, Colorado State Climatologist, indicated that design rainfall values are likely to increase in certain areas of the state and decrease in others. It is anticipated that the final document will be ready for release in the first half of 2013. (*Kevin Houck*)

SUSTAINING COLORADO WATERSHEDS CONFERENCE: On October 9-11, over 200 people gathered in Avon, Co for the 7th Annual Sustaining Colorado Watersheds Conference. The conference provided a forum for Colorado water professionals to engage in watershed protection and restoration topics. Workshops, presentations, and a field trip were organized by the Colorado Foundation for Water Education, the Colorado Riparian Association, and the Colorado Watershed Assembly. The presentations were organized in three conference tracks, which included: Protecting and Restoring Our Watersheds, Education and Policy, and Water Quantity & Quality. Workshops included “Water Words that Work, Colorado’s Water Education Infrastructure, Incorporating Uncertainty and Risk in Stream Restoration Design”, and CDPHE’s Non-Point Source Workshop. The field trip took place on the floodplain of the Eagle River. Participants experienced hands on demonstrations of wetland delineation, cross sectional survey methodology, macroinvertebrate sampling, groundwater monitoring/piezometer installation, and other valuable stream restoration techniques. The CWCB was a conference sponsor and staff actively participated on the conference planning committee. (*Chris Sturm*)

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

Case No.	Applicant	Stream/ Case Number	ISF Amount	Percent Injury	Cumulative % Injury	Previous Cases
5-12CW119	Nicholas & Kristen Meyer	Ranch Creek/ 5-90CW306A	7 cfs (summer) 1.5 cfs (winter)	0.00144 % 0.00673 %	0.01412 % 0.02957 %	2
5-12CW119	Nicholas & Kristen Meyer	Ranch Creek/ 5-90CW305	8 cfs (summer) 5 cfs (winter)	0.00126 % 0.00202 %	0.23933 % 0.15580 %	11
5-12CW119	Nicholas & Kristen Meyer	Fraser River/ 5-90CW308	17 cfs (summer) 11 cfs (winter)	0.00059 % 0.00092 %	0.08801 % 0.12697 %	30
5-12CW119	Nicholas & Kristen Meyer	Fraser River/ 5-90CW308B	30 cfs (summer) 19 cfs (winter)	0.00034 % 0.00053 %	0.13853 % 0.02543 %	17
5-12CW119	Nicholas & Kristen Meyer	Colorado River/ 5-80CW447	90 cfs (summer) 90 cfs (winter)	0.00011 % 0.00011 %	0.20243 % 0.13703 %	42

5-12CW119	Nicholas & Kristen Meyer	Colorado River/ 5-80CW446	135 cfs (summer) 135 cfs (winter)	0.00007% 0.00007%	0.13858 % 0.09390 %	44
5-12CW119	Nicholas & Kristen Meyer	Colorado River/ 5-80CW448	150 cfs (summer) 150 cfs (winter)	0.00007% 0.00007%	0.13465 % 0.09415 %	46

COLORADO WATER OFFICIALS ASSOCIATION (CWOA) ANNUAL MEETING:

Several CWCB staff members attended the CWOA annual conference on September 27-28 in Ouray. The conference themed “*Oh, What a Tangled Web We Administer*” provided CWCB staff not only an educational opportunity, but a chance to meet and coordinate with DWR staff members from all water divisions. Highlights of the conference were presentations from Bob Hurford, Tom Ley, Mark Hermundstad, Jay Ward and Duane Vandebush and the water rodeo which took place in the Yankee Boy Basin. *(Rob Viehl)*

RECENTLY DECREED ISF WATER RIGHTS: On September 6, 2012, the Division 2 Water Court decreed an instream flow water right to the CWCB on Dodgeton Creek in Case No. 11CW73 for 1.50 cfs (May 1 – July 31), 0.80 cfs (August 1 – October 31), 0.50 cfs (November 1 – March 31) and 0.80 cfs (April 1 – April 30) with an appropriation date of January 25, 2011. The upstream terminus is the headwaters and the lower terminus is the U.S. Forest Service boundary. This ISF reach is approximately 3.43 miles long and flows in an easterly direction through parts of the San Isabel National Forest in Huerfano County.

On September 6, 2012, the Division 2 Water Court decreed an instream flow water right to the CWCB on Newlin Creek in Case No. 08CW052 for 1.20 cfs (June 1 – June 30), 0.60 cfs (July 1 – August 15), 0.40 cfs (August 16 – February 29) and 0.80 cfs (March 1 – May 31) with an appropriation date of January 28, 2008. The upstream terminus is the headwaters and the lower terminus is the U.S. Forest Service boundary. This ISF reach is approximately 3.66 miles long and flows in an easterly direction through parts of the San Isabel National Forest in Fremont County. The CWCB entered into a stipulation with the City of Florence to alleviate their concerns about this ISF segment.

On October 22, 2012, the Division 7 Water Court decreed an instream flow water right to the CWCB on the Animas River in Case No. 10CW086 for 25.0 cfs (May 1 – October 31), and 13.0 cfs (November 1 – April 30) with an appropriation date of January 26, 2010. The upstream terminus is the confluence with Cunningham Creek and the lower terminus is the confluence with Arrastra Creek. This ISF reach is approximately 1.94 miles long and flows in a southwesterly direction through parts of the Uncompahgre National Forest in San Juan County.

On October 22, 2012, the Division 7 Water Court decreed an instream flow water right to the CWCB on the Animas River in Case No. 10CW087 for 12.20 cfs (May 1 – October 31), and 9.10 cfs (November 1 – April 30) with an appropriation date of January 26, 2010. The upstream terminus is the confluence with Minnie Gulch and the lower terminus is the confluence with Cunningham Creek. This ISF reach is approximately 2.58 miles long and flows in a southwesterly direction through parts of the Uncompahgre National Forest in San Juan County. *(Rob Viehl)*

CWCB WATER EFFICIENCY GRANT FUND PROGRAM (WEGP) UPDATE: Over the last few years of research/projects along with evaluating this grant program, CWCB staff is identifying trends in water efficiency & drought planning and implementation. It is an on-going discussion as staff considers a guideline update for this grant program.

One grant application was received, considered & reviewed since the September 2012 Director's Report

- **Center for Resource Conservation** – Commercial Indoor Water Audits

No grants have been approved since the last Board meeting:

Deliverables to the CWCB are as follows:

- **Little Thompson Water District** – Water Rate Study – *submitted 50% & 75% Progress Reports*
- **Town of Eaton** – Water Efficiency Plan – *submitted complete Water Efficiency Plan*
- **City of Evans** – Drought Management Plan – *submitted 25% Progress Report*
- **Tri-County Water Conservancy District** – Commercial Water Audit Program – *submitted 75% Progress Report*
- **Castle Pines Metropolitan District** – Web Leak Detect Program – *submitted 50% Progress Report*
- **Town of Firestone** – Drought Management Plan – *submitted Final Drought Management Plan*
- **Pagosa Area Water & Sanitation District** – Drought Management Plan – *submitted 75% Progress Report*
- **Left Hand Water District** – Audits & Leak Detection Program – *submitted 75% Progress Report*
- **Mount Werner Water & Sanitation District** – Rebate Program – *submitted 50% Progress Report (Ben Wade)*

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

Approved Plans

- **Town of Eaton** (Water Efficiency)

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

- **City of Westminster**
- **City of Trinidad**
- **Meridian Metro District**

Water Efficiency Plans in review

- **City of Louisville** – Resubmission of a preliminary November 2009 version of their Water Efficiency Plan is pending. The City may seek outside help to complete the plan.
- **Town of La Junta** – Final review of the Plan was completed by CWCB staff in April 2011 and additional comments were sent back to the Town in May 2011. Resubmission pending.
- **South Adams County Water & Sanitation District** – CWCB received the Plan on November 3, 2011. CWCB staff reviewed the plan and sent comments to the District on January 30. Resubmission pending.
- **Town of Estes Park** – CWCB received the plan on April 25. Kevin Reidy met with Town of Estes Park consultants in August and is waiting on revisions.
(Kevin Reidy & Ben Wade)

Drought Management Plans in review

- **Town of Firestone – Drought Management Plan** – submitted Final Drought Management Plan in early October and is under review by CWCB staff.
(Taryn Finnessey & Ben Wade)

CWCB STAFF PRESENT AT COLORADO WATERWISE ANNUAL WATER CONSERVATION SUMMIT: On October 19, 2012 Kevin Reidy and Taryn Finnessey presented at the 4th Annual Colorado WaterWise Annual Water Conservation Summit in Denver. Kevin presented the on the CWCB's Water Efficiency Guidance Document and the HB10-1051 data collection bill process. Taryn presented on the 2011/ 2012 state drought response efforts and how the state is preparing to address possible continuation of the drought into 2013. (Kevin Reidy & Taryn Finnessey)

GOVERNOR'S WATER AVAILABILITY TASK FORCE: The next Water Availability Task Force on November 20, 2012 from 9:30-11:30am at the Colorado Parks & Wildlife Headquarters, 6060 Broadway, Denver, CO in the Bighorn Room. Please check the website (<http://cwcb.state.co.us/public-information/flood-water-availability-task-forces/Pages/main.aspx>) for additional information. (Ben Wade)

COLORADO DEPARTMENT OF AGRICULTURE REGIONAL MEETING TO ADDRESS DROUGHT RECOVERY: On October 15th The Colorado Department of Agriculture hosted a regional meeting to discuss the ongoing effects of the drought, recovery from drought, and implications if the drought continues. Recognizing that recovery from the ongoing drought can be a lengthy process, this event was an opportunity to discuss the impact of the drought on producers, local communities and businesses and to discuss resources available to assist local recovery efforts. Representatives from the U.S. Department of Agriculture, U.S. Department of Commerce, Small Business Administration, and the Federal Emergency Management Agency were also in attendance. (Taryn Finnessey)

WATER CONSERVATION TECHNICAL ADVISORY GROUP UPDATE: The WCTAG is on hiatus until January. (Kevin Reidy)

BOULDER COUNTY CONSORTIUM WATER STEWARDSHIP INITIATIVE TASK FORCE: Kevin Reidy attended the Boulder County Water Stewardship Initiative Task Force meeting on October 8th. The meeting focused on drought and water efficiency and how to

coordinate planning and responses across Boulder County. This initiative has met 3 times since spring and will continue meeting through January with a goal of coordinating water issues across the county and watershed levels. *(Kevin Reidy)*

WATERSMART INNOVATIONS/SUSTAINING CO WATERSHEDS CONFERENCE:

From October 3-5, Ben Wade and Kevin Reidy attended the WaterSmart Innovations Conference in Las Vegas, NV. This is the premier water efficiency conference in the world today. The sessions were excellent and staff was able to gather many new ideas from the wide variety of presenters. Kevin was able to meet with state level water conservation personnel from Texas and Georgia and gain insight into their data reporting procedures. Kevin also was able to attend the Sustaining Colorado Watersheds Conference in Avon, CO. This conference had many excellent sessions as well and was a great opportunity for more collaboration between disciplines. Kevin was able to make connections with people working in the watershed and environmental flows arenas and learn more about this sector of water management. *(Kevin Reidy & Ben Wade)*

PRESENTATION TO CU-DENVER ARCHITECTURE MASTER'S PROGRAM

SEMINAR ON RAINWATER HARVESTING: On October 18, Kevin Reidy and Beorn Courtney (Headwater's Corporation) presented to an architecture studio seminar of master's degree candidates on all aspects of rainwater harvesting. Kevin went over the CWCB pilot program and the discussion centered on what would be possible in a redevelopment site in Denver. The group is "theoretically" redeveloping a site in the Lowry re-development area and wants to include rainwater harvesting if possible. *(Kevin Reidy)*

PRESENTATION AT SGM FALL FORUM: Taryn Finnessey and Kevin Reidy presented on drought mitigation and water efficiency planning at the Smueser, Gordon and Meyer Fall Forum Series near Carbondale, CO on October 26. The goal of the series is to bring local providers and elected officials together to hear the latest water related issues. *(Kevin Reidy & Taryn Finnessey)*

2012 CWCB STATEWIDE DROUGHT CONFERENCE: The CWCB drought conference in September was a big success and preliminary analysis of the conference evaluations show that attendees overall were very satisfied with their conference experience. On a scale of one to five with five being high and one being low, attendees, on average, said that their overall satisfaction with the conference experience was 4.43; they also reported that the conference met advertised objectives (4.26). Drought Connections to our Larger Economies, Vulnerability and Economic Impacts: Urban Environments and Role of Water & Technology in Agricultural Production were among the highest rated presentations. More than half of the evaluation respondents said that they would like to see a state drought conference convened every 2-3 years. Local and regional topics were the most recommended additions for future events. *(Taryn Finnessey)*

LOAN REPAYMENT DELINQUENCY: Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2012 through October 2012. The effective due date of the payment is inclusive of the Board's current 30 day late policy. Hence, the date the payment was received was compared to the last day allowable prior to the payment being considered late.

Repayments due for the first four months of Fiscal Year 2013 totaled 114. There was one loan payment not received on time during this period. The loan payment from Fuchs Ranches, Inc.

was less than 30 days late. Thus, the on-time performance for the total repayments due was 99% in compliance or 1% not in compliance.

As an additional note, Rodney Preisser has not met his obligations since Fiscal Year 2007 and has filed Bankruptcy. (*Steve Biondo*)

LOAN FINANCIAL ACTIVITY: Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2013 is detailed on the following attachment. Funds received relative to loans in repayment totaled \$9.0 M for this period. Funds disbursed relative to new project loans totaled \$1.8 M for this period. Net activity resulted in \$7.2 M received by the CWCBC Construction Fund and the Severance Tax Trust Fund Perpetual Base Account (STTFPBA) over the total disbursed.

Further breakdown is summarized as follows: The Construction Fund portion consists of \$6.7 M in receivables and \$1.0 M in disbursements for a total net activity of \$5.7 M received over disbursed. The STTFPBA consists of \$2.3 M in receivables and \$0.8 M in disbursements for a total net activity of \$1.5 M received over disbursed. (*Steve Biondo*)

UPPER COLORADO RIVER BASIN WATER CONFERENCE: The Upper Colorado River Basin Conference will be held November 8-9, 2012, at Colorado Mesa University in Grand Junction, CO. Highlights of the program will include updates on the Colorado River Water Supply and Demand Study, and remarks by John Stulp, special policy advisor to the Governor on Water. Director Gimbel will also be speaking as part of a panel on “Upper Colorado River Basin Compact Issues and Perspectives”, with other policy leaders from Utah and New Mexico. (*Brent Newman*)

~ATTACHMENTS~

- 01 **Instream Flow and Natural Lake Level Program – Summary of Resolved Opposition Cases**
- 02 **Finance – Design & Construction Status Report**
- 03 **Finance – Agricultural Emergency Drought (AED) Grant Program Update**
- 04 **Finance – Current Prequalified Project List and Loan Prospect Summary**
- 05 **WSRA Grants Approved – Not Contracted**
- 06 **WSRA Grants Completed**
- 07 **WSRA Grants In Progress**

**November 13-14, 2012 Board Meeting
Instream Flow and Natural Lake Level Program
Summary of Resolved Opposition Cases**

The Board's ISF Rule 8i. states that:

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

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

(1) Case No. 1-09CW270 - Application of Genesee Water & Sanitation District

The Board ratified this statement of opposition at its May 2010 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water right does not injure the Board's instream flow water right on Bear Creek by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

A decree was entered in this case on October 22, 2012

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-94CW260	Bear Creek	15.0/7.0	9/13/1994	Upper South Platte	Jefferson

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

- Diversion of the Subject Water Right from Bear Creek for delivery to the alternate places of storage described in paragraphs 9.A. and B., of the decree, shall be limited to a maximum rate of 8.75 cfs. The maximum rate of diversion through the Genesee Mountain Pipeline shall not exceed 8.75 cfs, regardless of what water rights are being diverted at the Genesee Mountain Pipeline at any given time.
- Diversions of water under the Subject Water Right in any water year shall not exceed the lesser of: (a) 225 acre-feet less carryover of water diverted under the Subject Water Right from the previous water year; or (b) one annual fill of Genesee Augmentation Reservoir No. 1, one annual fill of Genesee Augmentation Reservoir No. 2 and one annual fill of Cold Spring Gulch Reservoir (when constructed and operational), less carryover of water diverted under the Subject Water Right from the previous water year.
- Out-of-Priority Inflows. Genesee Augmentation Reservoirs Nos. 1 and 2 are equipped with outlet works capable of bypassing any out-of-priority inflows. When constructed, Cold Spring Gulch Reservoir shall be equipped with outlet works capable of bypassing any out-of-priority inflows. Any out-of-priority inflows that accrue to Genesee Augmentation Reservoirs Nos. 1 and 2 and Cold Spring Gulch Reservoir (when constructed and operational) shall be returned to the nearest natural waterway at the point closest to the respective reservoirs.

(2) Case No. 2-08CW097 Application of Benedictine Fellowship of St. Laurence

The Board ratified this statement of opposition at its March 2009 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water right and plan for augmentation does not injure the Board's instream flow water right on Tallahassee Creek by not replacing out-of-priority depletions in proper time, place, or amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

A decree was entered in this case on August 14, 2012.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
2-95CW232	Tallahassee Creek	1/1.5	11/6/95	Arkansas River	Fremont

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

- Applicant is awarded correction of an error describing the point of diversion from the original adjudication of February 3, 1894 for the Somerville No. 2 Ditch which placed the point of diversion remote from the river channel. Additionally, the February 3, 1894 decree for the Somerville No. 2 Ditch described the point of diversion as being on the east side of Tallahassee Creek. Applicant has rehabilitated the point of diversion at a point on the west side of Tallahassee Creek approximately 252 feet from the erroneously decreed point of diversion, from which location the Somerville No. 2 Ditch is flumed over Tallahassee Creek to irrigate lands on the east side thereof. A map depicting the original and corrected points of diversion is attached to the decree as Exhibit C, and a legal description of the corrected point of diversion is attached to the decree as Exhibit D. A depiction of the corrected location of the Somerville No. 2 Ditch and historically irrigated acreage there under is attached to the decree as Exhibit E.

(3) Case No. 2-11CW071 Application of Jack Gaffney

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

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
2-00CW101	Fourmile Creek	5.8/2.75	1/26/2000	Upper Arkansas	Teller/Fremont

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

- Terms and conditions on the use of the Kittredge Ditch No. 2 water right as changed: (1) The water right will only be diverted at the original and new points of diversion. (2) The combined rate of diversion for the original and new points of diversion shall be limited to 2.0 cfs. (3) Use of the Kittredge Ditch No. 2 will be limited to the area currently irrigated by the Kittredge Ditch No. 2, which consists of approximately 93 acres shown on EXHIBIT A.

(4) Case No. 5-04CW237 Application of Gary Land and Livestock (GRC, S.G. Company)

The Board ratified this statement of opposition at its March 2005 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed changes of water rights, which may cause an expansion of use, and plan for augmentation do not injure the Board's instream flow water rights on Slate Creek, Brush Creek and the Blue River by not replacing out-of-priority depletions in time, place and amount. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water rights will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-77W3648	Slate Creek	7/3	1/19/77	Blue River	Summit
5-77W3615	Brush Creek	3	1/19/77	Blue River	Summit
5-87CW299	Blue River	125/90/85	10/02/87	Blue River	Summit

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

- Applicants shall either bypass the amount of such historical stream depletion credit at the headgate of the Hamilton-Davidson Ditch for the New Uses or divert such credit into the Hamilton-Davidson Ditch for the New Uses. Bypasses will be accomplished by diverting water into the ditch and then measuring and returning water into Slate Creek by means of a bypass or augmentation structure upon the Hamilton-Davidson Ditch.
- The maximum annual depletion credits under the subject Hamilton-Davidson Ditch water rights shall be limited to 4.4 acre-feet. The depletion credits under the subject Hamilton-Davidson Ditch water rights during any 10-year period shall be limited to an annual running average of 3.7 acre-feet.
- The maximum annual depletion credits under the subject Sarah Ditch water right shall be limited to 7.1 acre-feet. The depletion credits under the subject Sarah Ditch water right during any 10-year period shall be limited to an annual running average of 5.4 acre-feet.
- Applicant retains dominion and control over, and reserves the right to use, excess depletion credits for the Water Rights that are not needed for the plan for augmentation herein. Any such use of depletion credits for purposes other than as described in this ruling and decree shall require prior approval pursuant to a change of water right decree or State Engineer approval of a temporary substitute water supply plan ("SWSP"). This ruling and decree shall not preclude re-quantification of the historical use and depletion credit for the Water Rights in any such future change proceeding or SWSP.
- Green Mountain Reservoir Historic Users' Pool Releases: Diversions under the Water Rights shall not be made in reliance on releases from the Green Mountain Reservoir Historic Users' Pool except when and to the extent the Water Rights are being used for uses that are entitled to benefit from historic user pool releases in accordance with the provisions of Senate Document 80.

(5) Case No. 5-04CW238 Application of The Gary Land Company, LLC (S.G. Company)

The Board ratified this statement of opposition at its March 2005 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed changes of water rights, which may cause an expansion of use, and plan for augmentation do not injure the Board's instream flow water rights on Slate Creek, Squaw Creek, Brush Creek and the Blue River by not replacing out-of-priority depletions in time, place and amount. Pursuant to ISF Rule 8.i. (3), an Injury with Mitigation proposal was accepted by the Board at its July 2006 meeting. Staff, in cooperation with the Attorney

General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water rights will not be injured other than the agreed upon injury with mitigation plan.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-77W3648	Slate Creek	7 (05/1-09/30) 3 (10/1-04/30)	1/19/77	Blue River	Summit
5-77W3615	Brush Creek	3 (01/1-12/31)	1/19/77	Blue River	Summit
5-77W3650	Squaw Creek	1 (01/1-12/31)	1/19/77	Blue River	Summit
5-77W3649	Hay Camp	1 (01/1-12/31)	1/19/77	Blue River	Summit
5-87CW298	Blue River	125 (05/01-09/30) 90 (10/1-11/30) 85 (12/1-02/29) 90 (3/1-4/30)	10/02/87	Blue River	Summit
5-87CW299	Blue River	60 (05/1-07/15) 85 (07/16-04/30)	10/02/87	Blue River	Summit

Standard injury with mitigation protective language was included in the stipulation and decree.

- Under the injury with mitigation plan, the parties agree to share the flows in the Blue River in accordance with agreed upon restrictions. Applicant may divert out-of-priority up to 10 cfs under certain conditions into the Oxbow Fishery Channel. Applicant's mitigation included substantial stream restoration on the Blue River. The restoration involved (among other things) bank revetment and revegetation, installation of 172 structures (85 instream rock habitat clusters, 21 bank placed rock habitat clusters, 35 30-degree upstream rock groins, 16 thalweg J-hooks, 10 cross-channel W weirs and 8 cross-channel low-rock thalweg vanes) ("Structures") with pools, and reshaping and deepening of the channel to provide a lower width-depth ratio. The restoration has substantially improved the hydraulic conditions of the Blue River and increased the ability of the Blue River to protect aquatic biota and the natural environment with lower flows. Restoration of the Oxbow Fishery Channel substantially improved the fishery habitat of the Blue River by providing an additional 2,850 linear feet (approximately 200,000 square feet) of habitat, a functioning flood plain and wetlands, and additional water depth and winter holding capacity for fish.

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

- Applicant shall submit a written request to CWCB for permission to inundate a CWCB instream flow water right under CWCB's ISF Rule 7 and obtain approval from CWCB before constructing any conditional on-channel reservoir decreed here within an ISF reach.
- Storage of water under the Water Storage Rights shall be curtailed if a valid call for CWCB's instream flow water right is being administered in a reach of stream that would be depleted by such storage. For the purpose of this limitation, water shall not be stored in the Morris Meadow Ponds A, B and E under the Water Storage Rights when the CWCB's Blue River minimum instream flow right decreed in Case No. 87CW298 is not satisfied at the Slate Creek Bridge gage described in the Stipulation with CWCB attached as Exhibit D.
- In order to prevent any expansion of the historical irrigation use of the unchanged Hamilton-Davidson Ditch Water Rights that could result from the subject changes of water rights, the unchanged Hamilton-Davidson Ditch Water Rights shall be used only for irrigation purposes upon the remaining Hamilton-Davidson Ditch Irrigated Lands, unless or until the unchanged Hamilton-Davidson Ditch Water Rights are changed in a separate change proceeding. Though

this decree has determined the area of lands historically served by the unchanged Hamilton-Davidson Ditch Water Rights, it has not quantified the historical consumptive use of the unchanged Hamilton-Davidson Ditch Water Rights.

- Neither the exchange of the subject Sarah Ditch water right as described in paragraph 13.A., above, for uses other than replacement of out-of-priority depletions resulting from the operation of the Oxbow Fishery Channel, nor the exchange of stored water as described in paragraph 13.B., above, may operate if a valid call is being administered in the reach affected by the exchange for the benefit of the CWCB's instream flow water rights on the Blue River, Slate Creek, Squaw Creek or Hay Camp Creek as decreed in Case Nos. 87CW298 and W-3648, W-3650 and W-3649 respectively.
- Applicant retains dominion and control over, and reserves the right to use, excess depletion credits for the Water Rights that are not needed for the plan for augmentation herein. Any such use of depletion credits for purposes other than as described in this ruling and decree shall require prior approval pursuant to a change of water right decree or State Engineer approval of a temporary substitute water supply plan ("SWSP"). This ruling and decree shall not preclude re-quantification of the historical use and depletion credit for the Water Rights in any such future change proceeding or SWSP

(6) Case No. 5-09CW183 Application of The Windance Ranch, LLC

The Board ratified this statement of opposition at its January 2006 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plan of augmentation and exchange does not injure the Board's instream flow water right on Sweetwater Creek by not replacing out-of-priority depletions in proper time, place, or amount.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-80CW313	Sweetwater Creek	18	5/07/80	Colorado River	Garfield& Eagle

An Order by the Court to Dismiss with Prejudice was entered on May 29, 2012.

(7) Case No. 7-11CW006 Application of The City of Ouray

The Board ratified this statement of opposition at its May 2011 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water rights, which could result in expansion, does not injure the Board's instream flow water right on Sweetwater Creek. Subsequent investigation determined that because the instream flow right originates at the Carbon Lake Ditch headgate on a tributary to Mineral Creek, Applicant's project will not impact the water available at the headgate. Therefore, CWCB participation in this adjudication was not required.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
7-04CW40	Mineral Creek	15	7/13/1954	Animas	San Juan

CWCB withdrew its Statement of Opposition on February 8, 2012.

(8) Case No. 1-08CW259 Application of Kevin Frazier

The Board ratified this statement of opposition at its March 2009 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plan of

ATTACHMENT 1

augmentation and exchanges do not injure the Board's instream flow water right on SF Lone Pine Creek, NF Lone Pine Creek, Elkhorn Creek, and Cache la Poudre River by not replacing out-of-priority depletions in proper time, place, or amount.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-85CW424	SF Lone Pine Creek	2	11/8/85	Cache la Poudre River	Larimer
1-85CW421	NF Lone Pine Creek	1.5	11/8/85	Cache la Poudre River	Larimer
1-85CW433	Lone Pine Creek	3.5	11/8/85	Cache la Poudre River	Larimer
1-78W9262	Elkhorn Creek	2	1/19/78	Cache la Poudre River	Larimer
1-85CW425	Cache la Poudre River	55	11/8/85	Cache la Poudre River	Larimer

An Order by the Court to withdraw this case was entered on May 29, 2012.

STATE OF COLORADO

Colorado Water Conservation Board

Department of Natural Resources

1313 Sherman Street, Room 721

Denver, Colorado 80203

Phone: (303) 866-3441

Fax: (303) 866-4474

www.cwcb.state.co.us



TO: Colorado Water Conservation Board Members

John W. Hickenlooper
Governor

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

Mike King
DNR Executive Director

DATE: October 26, 2012

Jennifer L. Gimbel
CWCB Director

SUBJECT: **Directors Report – November 13-14, 2012 Board Meeting**
Finance Section – Design & Construction Status Report

The CWCB Loan Program has Substantially Completed eleven (11) projects in Calendar Year 2012 as shown in Table 1. There are currently 52 projects authorized to receive loan funding totaling \$234 million. There are 38 projects currently under contract and in the Design and Construction phase totaling \$147 million.

The attached spreadsheet summarizes the current project status. A complete detailed description about the project and status is found on subsequent pages. Starting January 2013, the detailed description will be provided in PDF format only.

TABLE 1

	Borrower	Project	County	Loan	Completed
1	Boulder White Rock Ditch Res Co	Panama Res Outlet Rehab	Boulder/Weld	\$2,864,164	1/1/12(a)
2	Louden Irrigation Canal & Res. Co.	Rist Benson Res. Rehab.	Larimer	\$663,610	4/1/12(b)
3	Farmers Pawnee Canal Co	Ditch Flow Control Struct	Logan	\$255,530	6/1/12
4	Seven Lakes Res Co	Railroad Crossing	Weld	\$772,842	6/1/12
5	Duel & Snyder Improvement Co	Diversion Structure Rehab	Morgan	\$109,053	6/1/12
6	Last Chance Ditch Co	Ditch Headworks Replacement	Weld	\$185,436	7/1/12
7	Lake Canal Reservoir Co	So. Gray Res. Rehab.	Larimer	\$393,900	7/1/12(c)
8	Jackson Ditch Co	Headgate Check Struct. Rehab	Larimer	\$81,810	7/1/12
9	Snowmass W&S Dist	Zeigler Res. Water Management	Pitkin	\$1,952,805	9/1/12
10	Snowmass W&S Dist	Zeigler Res. Expansion Proj	Pitkin	\$2,873,804	9/1/12(d)
11	Pagosa Area WSD	Dry Gulch Res. Land Acquisition	Archuleta	\$11,217,060	10/1/12
		Total		\$21,370,000	

Calendar Year 2012 has added or preserved 4,110AF of reservoir storage [(a) 2,600AF, (b) 150AF, (c) 1,120AF, (d) 240AF]

October 26, 2012

Kirk Russell, PE
Construction Manager

Design & Construction Status Report

PROJECTS SUBSTANTIALLY COMPLETED IN CALENDAR YEAR 2012

1. 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 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 Project includes a reservoir pump station at the Panama Reservoir outlet in order to use water stored in the reservoir that it was unable to access by a gravity outlet. The Company was approved for a loan increase in the amount of \$434,000. The construction was completed in 2010 and Substantial Completion was January 1, 2012.

2. Loudon 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. Construction was completed in June 2011. SEO acceptance letter was received and Substantial completion was April 1, 2012.

3. Farmers Pawnee Canal Company – Ditch Flow Control Structures

Authorization: Severance Tax Fund

Water Source: South Platte River

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

County: Logan

Project Yield: 27,260 acre-feet

Project Type: Diversion Rehabilitation

The Farmers Pawnee Canal Company (Company) provides irrigation water to approximately 10,000 acres of land between Merino and Sterling, Colorado. It uses two separate structures to control flow in the Pawnee Ditch (Ditch). The first is a main diversion at the South Platte River. The second is a few miles down the Ditch and is used to adjust flow. The main diversion is a concrete rollover wall with vents to allow flushing of sand when opened. The secondary structure is currently controlled through the use of board style gates. Both structures are labor intensive and require monthly maintenance. To help with efficiency, the Company plans on replacing a portion of the main diversion with a new 12-foot radial gate. It also plans on replacing the board gates at the secondary structure with four 8-foot wide radial gates. Ransome Boone Excavating, Fort Morgan, Colorado has completed the ditch control structure. The Company recently completed improvements to their diversion structure and was approved for a loan contract increase in March 2011 to automate the new gate. Work was completed in late 2011 and Substantial Completion was June 1, 2012.

4. 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 desired 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. The Project's design originally included a new pre-fabricated railroad bridge; however, due to complications with BNSF Railroad requirements the Company elected to bore under the railroad tracks. Work was completed by BT Construction in May 2012 and Substantial Completion was June 1, 2012.

5. Duel and Snyder Improvement Company – Diversion Structure Rehabilitation

Authorization: Severance Tax Fund
Water Source: South Platte
Terms of Loan: \$109,053 @ 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. 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. Work was completed by Ransom Boone in February 2012 and Substantial Completion was June 1, 2012.

6. Last Chance Ditch Company – Ditch Headworks Replacement

Authorization: Construction Fund
Water Source: St. Vrain Creek
Terms of Loan: \$185,436 @ 4.65% for 30 yrs.

County: Weld
Project Yield: 9,257 AF
Project Type: Ditch Rehabilitation

The Last Chance Ditch Company utilizes the Last Chance Ditch to supply water to its 14 shareholders for irrigation and gravel company operations. The existing headworks of the ditch consisted of a wooden structure with dual gates that had been in place since the early 1900's. The headgate had been rehabilitated numerous times over the years and the annual maintenance and reliability was a growing concern. The Project included the replacement of the existing headworks with a reinforced concrete structure with dual headgates and an overshot gate. Work was completed by Concrete Structures, Inc. in May 2012 and Substantial Completion was July 1, 2012.

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

Authorization: Construction Fund
 Water Source: Box Elder Creek
 Terms of Loan: \$433,000@3.15% for 30 yrs.

County: Larimer/Weld
 Project Yield: 1,120 AF (165 AF new)
 Project Type: Reservoir Rehabilitation

The Lake Canal Reservoir Company planned 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. Gray Reservoir No. 3 is restricted to zero storage by the SEO due to the poor condition of the dam and outlet works. The Company received a court decree allowing the storage in No 3 to be moved to other locations. Construction was completed in the fall of 2011 and Substantial Completion was July 1, 2012

8. Jackson Ditch Company – Headgate Check Structure Rehabilitation Project

Authorization: Construction Fund
 Water Source: Cache la Poudre River
 Terms of Loan: \$124,533 @ 3.60% for 30 yrs.

County: Larimer
 Project Yield: 5,500 AF
 Project Type: Ditch Rehabilitation

The Ditch Company was approved for a loan for rehabilitating its check dam structure on the Cache la Poudre River. The river split and flowed around an island just upstream of the Company's diversion headgate. When flows were particularly low the structure was utilized to convey flows to the east side of the island where they could be diverted through the headgate. The concrete check dam was in place since the 1960's and had recently fallen into disrepair, preventing the Company from diverting its most senior water rights at times. The Company removed the existing structure and replaced it with a new concrete structure. Work was completed in the summer of 2012 and Substantial Completion was July 1, 2012

9. 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 construction of a new delivery system; which includes the construction of a pump house, 1,400ft of pipe, a flow control building, installation of telemetry and electric power. The District diverts water for treatment from creeks upstream of Snowmass Village. The District purchased Ziegler Reservoir (aka Lake Deborah) in 2008 because they didn't have a raw water storage facility and to improve system reliability. The District plans to expand the Reservoir from its current 57 AF to approximately 225 AF (under a separate CWCB loan). The District currently serves approximately 3,500 full time residents and during the winter ski season an additional 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 2012.

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

Authorization: Construction Fund
 Water Source: Snowmass Creek
 Terms of Loan: \$2,873,804@4.75% for 20 yrs.

County: Pitkin
 Project Yield: 240 AF
 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. Hudick Construction Company completed the dam construction in the fall of 2011 and Substantial Completion was September 1, 2012

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

Authorization: Construction Fund

County: Archuleta

Water Source: San Juan River

Project Yield: 35,000 acre-feet

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

Project Type: Land Acquisition

The 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. The District has closed out this loan without purchasing the Lavery parcel as originally planned.

PROJECTS UNDER CONTRACT and CURRENTLY UNDER DESIGN/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 Company provides irrigation water to a 35,000-acre service area. This project will provide water storage to equalize ditch flows and improve efficiency and the reliability of the irrigation system, and to meet future demands. The project involves the construction of three reservoirs near Barnesville, totaling 4,500 acre-feet of storage. Additionally, 8,200 feet of pipeline will be installed. The Barnesville Reservoir project was awarded to Barker Construction, Fort Collins, Colorado and has been completed and received final SEO approval. The Company received approval of a loan increase in Sept. 2007. 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 project is to rehabilitate inlet and outlet canals to the Jackson Gulch Reservoir and to replace its operational shops and headquarters. The District completed the rehabilitation of a critical portion of their ditch system in 2009, involving the construction of retaining walls and access road along the ditch. Ditch rehabilitation was completed in October 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. The 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 requires a special use permit and an environmental assessment prior to construction. The initial phase of construction was awarded to ASI, Buena Vista, Colorado, and completed 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. 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.

6. 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 MVIC manages the delivery of irrigation water to a 46,000 acre service area. The Project includes installing approximately five miles of 36-inch pipe in the existing May Lateral Ditch alignment. The pipe installation will improve delivery and 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 2013.

7. Platte Valley Irrigation Company – New Equalizer Reservoir Project

Authorization: Severance Tax Fund

County: Weld

Water Source: South Platte River

Project Yield: 52,401 AF

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

Project Type: Reservoir Construction

Platte Valley Irrigation Company serves 14,800 acres of irrigated farm land in Weld County east of Platteville. The Company diverts water from the South Platte near Fort Lupton and shares a headgate with Farmers Reservoir and Irrigation Co (FRICO), as well as 10 miles of the Platte Valley Canal. The company intends to construct an equalizer reservoir on the ditch system 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 storage right and direct water to PVIC's recharge program. In an average year the reservoir is expected to store 300 AF, with a 300 AF refill. Construction will consist of a 431 AF reservoir with a 14 foot high dam with a 48 inch RCP outlet/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 new Parshall Flumes, as directed by the Water Court. The project is being designed by Smith Geotechnical, Fort Collins.

8. 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.

9. Henrylynn Irrigation District – Horse/Prospect Reservoirs Rehabilitation

Authorization: Severance Tax Fund

Water Source: Denver/Hudson Canal

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

County: Weld

Project Yield: 13,850 acre-feet

Project Type: Reservoir Rehab.

The 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 is 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 contracted with Zac Dirt in October 2011 to increase the dam width of Horse Creek with the remaining loan funds. Construction is expected to be complete in the spring of 2013.

10. New Salida Ditch Company – Ditch Rehabilitation

Authorization: Severance Tax Fund

Water Source: Upper Arkansas River

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

County: Chaffee

Project Yield: 7,000 acre-feet

Project Type: Ditch Rehabilitation

The New Salida Ditch Company owns and operates the New Salida Ditch to deliver water to agricultural users from the Arkansas River through a diversion in Browns Canyon. The diversion is located 10 miles north of Salida and is approximately eight miles from its diversion to its end at Ute Gulch. In Browns Canyon, the Ditch runs parallel to the River for 1.25 miles. This section 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 2012.

11. 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 Pipeline to the stream gage at the state line to offset stream depletions. The \$60 million loan is for engineering, construction and water acquisition related to the Project. The loan represents approximately 85% of the estimated \$71 million total cost of the Project. Design was completed in 2009. The District continues to work on resolving compact issues with Kansas regarding the 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 with 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. **UPDATE: Pipe and pump facilities are complete. Substantial Completion is expected in early 2013.**

12. Ogilvy Augmentation Company – Well Augmentation Project

Authorization: Severance Tax Fund

County: Weld

Water Source: South Platte River

Project Yield: 60 acre-feet

Terms of Loan: \$1,010,808@2.5% for 30 yrs.

Project Type: Augmentation

The Ogilvy Augmentation Company 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. 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. This project includes the purchase of water rights, construction of a recharge facility, constructing a storage reservoir, and installing monitoring devices. It will file for its permanent augmentation plan in 2009. 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 storage reservoir.

13. 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 Project includes three separate 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 Substantial Completion is expected in 2013.

14. 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 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. The Company has completed its water rights purchase and the construction of the augmentation ponds.

15. 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 will continue through 2012. The Town received a WSRA grant for an increased enlargement of the reservoir. To Date: a supply side pipeline component of the Project above the Reservoir was completed in September 2010. Permitting effort continues with construction expected in 2013.

16. Town of Dillon – Old Dillon Reservoir Enlargement

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

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

The Town of Dillon is participating 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 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 project will increase the reservoir capacity from 46 to 286 AF. The contractor failed to complete the project within the contract deadline. Construction was postponed due to the winter weather. **UPDATE: The Project was completed in the fall of 2012 however the contractor is working to repair faulty a pipeline.**

17. City of Monte Vista – Augmentation Water Rights Purchase

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

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

The City of Monte Vista provides water to 4,300 residents and is located 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. Proposed 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 plans to add 321 AF of replacement water to its portfolio. In order to meet this need, the City is purchasing Anderson Ditch water rights and storing them in the Rio Grande Reservoir. The City executed the purchase of the Anderson Ditch rights and will soon file a water court application to enable the use of those rights to replace depletions as soon as possible. The Town has executed an agreement with the San Luis Valley Irrigation District for the purchase of storage space in the Rio Grande Reservoir. CWCB has disbursed funds for part of the water purchase and the Reservoir storage space.

18. 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, plans 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 three miles of 24" pipe from the River to recharge ponds on Groves Farms' land; installing pumps; 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. The Company has completed the project and is addressing some complications with the pumps ability to pump the specified amount of

water to the recharge ponds during the summer months. The primary concern is that the screen in the river is not functioning as designed during sandy/silty river flows.

19. 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 Reservoir 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 was completed in the summer of 2011. Ditch construction is expected to continue thru 2013.

20. Owl Creek Reservoir Company - Reservoir Rehabilitation

Authorization: Construction Fund

Water Source: Owl Creek Basin

Terms of Loan: \$1,125,000 @2.75% for 30-years

County: Weld

Project Yield: 1,200 acre-feet

Project Type: Reservoir Rehabilitation

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

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

Authorization: Severance Tax Fund

Water Source: Arkansas River

Terms of Loan: \$8,844,570@3.25% for 30 yrs.

County: Fremont

Project Yield: 339 AF - Consumptive

Project Type: Pump/Pipeline/Reservoir

The District provides domestic water to approximately 4,000 people with 1,700 taps in and around the Town of Penrose, with existing demand of 489AF 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. Dist. closed on the Brush Hollow Reservoir storage purchase in November of 2011. The District closed on the purchase of a well field near the diversion point on the Arkansas River.

22. 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 CWCBC 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 2011 through 2014. Bids came back high in 2011 due to the short construction window. **UPDATE: The project was rebid in September 2012. Bids remained high and the Company requested a loan increase of nearly \$900K. Work on the headgate and diversion will begin in November 2012, under the original loan amount. Work is scheduled to begin on the siphons in late November 2012, pending approval of the loan increase.**

23. 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 AF 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 irrigation water for approximately 50,000 acres. There is a storage restriction of 0.5 foot (200 AF of storage loss) due to the lack of a spillway per SEO Dam Safety Branch. In order to prevent further storage restrictions, the Project includes constructing an emergency spillway. Construction is expected in 2013. The engineer is re-evaluating design options with support from the SEO.

24. 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. Ditch lining phase of the project was completed in December 2010. Additional phases will be constructed in the fall of 2012.

25. Thunderbird Water & Sanitation District – Lambert Ranch Water Rights Purchase

Authorization: Construction Fund
Water Source: Denver Basin Aquifer

Terms of Loan: \$318,150@4.25% for 20 yrs.

County: Douglas

Project Yield: 896 AF

Project Type: Water Rights Purchase

The District provides potable water to the Indian Creek Ranch subdivision, consisting of 175 customers. The District plans to purchase 896 AF of Denver Basin Aquifer ground water rights that underlie the property known as Lambert Ranch. On average, the District delivers approximately 55 AF annually. The increase would enable the District to enlarge its available supply; thereby increasing system reliability, providing the redundancy necessary to allow for system maintenance and protect against aquifer depletions. Closing has been delayed until 2013 due to easement access to purchased wells.

26. Fisher Ditch Company – Ditch Infrastructure Project

Authorization: Construction Fund
Water Source: Clear Creek

Terms of Loan: \$454,500@4.0% for 30 yrs.

County: Denver

Project Yield: 7,623 AF

Project Type: Ditch Rehabilitation

The Ditch Company utilizes the ditch to supply water to its 28 shareholders for the purpose of irrigation, augmentation and industrial uses. The ditch has aging infrastructure that has become a burden and unreliable. The Project includes four system rehabilitation tasks: 1) headgate rehabilitation, 2) replacement of 650 LF of damaged CMP with RCP, 3) installation of a sand-out pipe and gate, and 4) burying 1,500 LF of open ditch with plastic irrigation pipe. Construction start delayed due to 404-permitting. **UPDATE: Construction is expected to start in late 2012 or early 2013.**

27. 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 project includes drilling a new well to access the functioning part of the tunnel and pumping the water to the District's distribution system. Project is near completion. Final pipeline work will be finished in 2013.

28. Crystal Lakes Water & Sewer Association – Lower Lone Pine Lake Enlargement Project

Authorization: Construction Fund
Water Source: N. Lone Pine Creek

Terms of Loan: \$2,363,400@4.0% for 30 yrs.

County: Larimer

Project Yield: 101 AF

Project Type: Reservoir Enlargement

The Association is proposing to enlarge Lower Lone Pine Lake from 10.5 AF to 100.5 AF. The increase will provide augmentation water for the Crystal Lakes subdivision, located in Larimer County. Crystal

Lakes, established in 1969, is a private community with 1,656 lots. More than 800 residences are currently served by the Association. The residences derive their water supply from individual wells. The Crystal Lakes augmentation decree specifically links the allowable use of well water to the amount of augmentation water held in storage. The increased storage capacity will protect the community against possible well curtailments. **UPDATE: Due to permitting complications through SEO (approval weeks or even months away) the Association has elected to push construction off until 2013. Plan to solicit bids in early 2013 and begin construction June/July. Land acquisitions are planned for winter 2012/2013.**

29. Big Elk Meadows Association – Raw Water System Improvements Project

Authorization: Construction Fund
 Water Source: W. Fork Little Thompson
 Terms of Loan: \$272,700@4.5% for 30 yrs.

County: Boulder, Larimer
 Project Yield: 109 AF
 Project Type: Tunnel Repair

The Big Elk Meadows Association is requesting a loan for improvements to its raw water system which serves Big Elk Meadows, a 205-lot subdivision with 160 residences distributed across 460 acres. During SEO inspection of the Association's raw water system and review of its water accounting practices it was determined the outlet conduit from Meadow Lake Dam was collapsing and there was no way to control release rates. It was also determined that the Association has no accurate means to measure flows and accurately control reservoir releases, violating the terms of its 1995 decree regarding return flows. The SEO has required that the Association improve their raw water system and accounting protocol in order to function safely and in compliance with its decrees. Project improvements include: Meadow Lake Dam outlet replacement, raw water monitoring, and ISH Reservoir augmentation outfall. This project will provide the Association with a means to monitor and control reservoir releases while satisfying downstream obligations per their augmentation plan. Construction started in February 2012. ISH outfall and flow monitoring were completed in the spring of 2012. Meadow Lake to be drained in the fall of 2012 in order to start construction by October.

30. Two Rivers Water Company – Orlando Reservoir Rehabilitation

Authorization: Construction Fund
 Water Source: Huerfano River
 Terms of Loan: \$1,184,882 @2.50% for 20 yrs.

County: Huerfano, Pueblo
 Project Yield: 6,800 acre-feet
 Project Type: Reservoir Rehabilitation

The Company requested a loan to restore aging water infrastructure in order to support the company's agricultural production. Loan funds will be used to modify the spillway at the Cucharas Dam. This will bring the spillway up to SEO standards and will allow the company to store water and avoid a pending breach order. Loan funds will also be used to repair the outlet works at the Orlando Reservoir No. 2, to construct a new headgate on the Orlando Canal, and to complete the Cucharas Dam phase I rehabilitation. Construction on the Orlando project began in the winter/spring of 2012. To date, the Cucharas Dam phase I rehabilitation, Orlando Reservoir No. 2 outlet works have been completed. The headgate at the Orlando Canal is currently in the final design phase and bidding phase.

31. Town of Georgetown – Outlet Works Modifications Project

Authorization: Construction Fund
 Water Source: Clear Creek
 Terms of Loan: \$2,976,975 @ 4.5% for 30 yrs.

County: Clear Creek
 Project Yield: 208 AF
 Project Type: Reservoir Rehabilitation

The Town is located on Clear Creek, along the I70 corridor. The Town needs to increase the outlet works capacity at Georgetown Lake Dam. The outlet works currently can release up to 260 cfs. In order to comply with an October 2010 court order regarding Lake operations, up to 500 cfs must be released so

the Town can meet the terms of its augmentation plan. Construction is expected to begin in the spring of 2013.

32. North Delta Irrigation Company – NDIC Tunnel Repair Project

Authorization: Construction Fund

Water Source: Gunnison River

Terms of Loan: \$808,000 @ 3.10% for 30 yrs.

County: Delta

Project Yield: 17,735 AF

Project Type: Ditch Rehabilitation

The Company is responsible for supplying water to its 174 shareholders for the irrigation of 2,300 acres of land. The water is delivered through the North Delta Irrigation Canal. A two-mile stretch of the twenty-three mile canal is located along the steep hillside paralleling the Gunnison River, and includes three tunnels. The longest tunnel, 1,450 feet in length, experienced a collapse in July 2011, blocking deliveries to 94% of its shareholders. This project will repair the tunnel by removing the blockage, installing 1,500 LF of 54" fused HDPE and underdrain system. Additional funding for the project includes an \$800,000 WSRA grant approval from the Gunnison Basin Round Table. Construction started in April 2012. The tunnel has been cleared and the pipe installed. The ditch began flowing May 31, 2012. Additional clearing was required in order to achieve adequate flows. Contractor is backfilling in the process of backfilling the tunnel access point and portals. Construction is expected to be complete by the end of 2012.

33. La Veta, Town of – La Veta Dam Rehabilitation

Authorization: Construction Fund

Water Source: Cucharas River

Terms of Loan: \$372,690 @ 3.00% for 30 yrs.

County: Huerfano

Project Yield: 209 acre-feet

Project Type: Reservoir Rehabilitation

The Town of La Veta supplies its residents with potable water. The primary water source for the Town is from a diversion on the Cucharas River. The town stores raw water in two reservoirs (North Lake and South Lake) to supplement the river diversions in times of low flow and in periods of drought. North Lake reservoir has exhibited growing signs of distress over the years and the SEO issued a 2.5-foot restriction on the dam in March 2011. The restriction impacts the Town's storage capacity by 17 AF. The Project will repair the dam and outlet works and restore the capacity lost from the restriction. The design was approved by the SEO in August of 2012. **UPDATE: The bid has been awarded and construction began in October of 2012.**

34. Terrace Irrigation Company – Spillway Replacement Project

Authorization: Construction Fund

Water Source: Alamosa River

Terms of Loan: \$1,010,000 @ 1.75% for 30 yrs.

County: Conejos

Project Yield: 15,339 AF

Project Type: Reservoir Rehabilitation

The Company, responsible for supplying irrigation water to its shareholders for irrigation of 9,300 acres of agricultural lands, is also an active participant in the Alamosa River Instream Flow Project. The ISF Project is intended to restore flows and replace natural resources damaged by mining operations in the upper reaches of the Alamosa River. The Company relies on Terrace Reservoir to meet its irrigation demands throughout the later part of the irrigation season. The reservoir is currently under a restriction order from the SEO, reducing its available capacity by 2,000 AF. This project will replace the existing spillway and remove the SEO restriction order. Funding for this project includes grant money from WSRA (\$1,500,000) and the Summitville Natural Resource Damage (NRD) account (\$2,000,000). In return for NRD funding, the Company has agreed to donate 2,000 AF of storage in Terrace Reservoir towards instream flow storage to further the efforts of the ISF Project. Construction is expected to begin in summer/fall of 2012 and be completed by the end of 2013. Construction is underway and expected to be complete by ASI Contractors by the Winter/Spring 2012/13

35. Tri-County Water Conservancy District – Tri-County Water Hydropower Project

Authorization: Construction Fund
 Water Source: Cache la Poudre River
 Terms of Loan: \$9,090,000 @ 2.0% for 30 yrs.

County: Uncompahgre River
 Project Annual Yield: 22,600 MW
 Project Type: Hydroelectric

The District is building a 8MW hydroelectric power generating facility at Ridgway Reservoir. The project is permitted through the “Lease of Power Purchase” process with the Bureau of Reclamation, allowing the incorporation of a hydropower facility into the existing outlet works of Ridgway Dam. The dam, constructed by the Bureau as part of the Dallas Creek Project, began storing waters of the Uncompahgre Basin in 1987. The District plans to sell power to the Tri-State Generation and Transmission and the City of Aspen/Municipal Energy Agency of Nebraska through a Power Purchase Agreement. Construction is scheduled to begin in the spring of 2013 and take approximately one year to complete, with energy production expected by October 2013. **UPDATE: In September 2012, CWCB approved the release of \$5M to keep the project on schedule. This was an exception to the original contract conditions.**

36. Montezuma Valley Irrigation Company – Lone Pine & May Pipeline Improvements

Authorization: Construction Fund
 Water Source: Dolores River
 Terms of Loan: \$339,603 @ 2.75% for 30 yrs.

County: Montezuma
 Project Yield: 136,039 AF
 Project Type: System Rehabilitation

The Company, responsible for the delivery of irrigation water to a service area of over 30,000 acres, is planning on addressing issues that have become long-term maintenance concerns through this project including: trash and debris removal in delivery pipelines, pipeline pressure management, and water management issues. It is planning on installing screens on the Lone Pine and May pipelines; improving an existing pressure reducing valve on the Lone Pine pipeline; installing totalizing recording devices with solar panels at the delivery turnouts on the May pipeline; and implementing a new water accounting program for more accurate data collection on water deliveries. The Company is eligible to receive \$100,000 from the Bureau of Reclamation Water Conservation Field Services Program for the water accounting program. **UPDATE: The Company completed the screen installation on the Lone Pine pipeline and installed the pressure reducing valve. It was not awarded the grant from the Bureau; however, it did receive a WSRA grant in September 2012 for the accounting program.**

37. Lake Canal Company – North Gray Reservoir Rehabilitation Project

Authorization: Construction Fund
 Water Source: Box Elder Creek
 Terms of Loan: \$116,265 @ 2.10% for 30 yrs.

County: Larimer/Weld
 Project Yield: 33 AF
 Project Type: Reservoir Rehabilitation

The Reservoir Company plans to construct a new spillway on North Gray Reservoir. The reservoir is currently under a storage restriction by the Office of the State Engineer. The existing spillway is a corrugated metal pipe that has corroded through and will be removed/back filled. A new concrete cutoff wall and riprap lined channel will be constructed to replace the old spillway. Project design and SEO review is expected to be completed by July 2012. Construction is planned for September through November of 2012. **UPDATE: The company is re-evaluating options for the reservoir site and construction did not begin in September of 2012.**

38. Left Hand Ditch Company – Allen Lake and Lake Isabelle Project

Authorization: Construction Fund
 Water Source: Left Hand and St. Vrain Creeks

County: Boulder
 Project Yield: 22,700 AF

Terms of Loan: \$ 1,157,157 @ 2.45% for 30 yrs.

Project Type: Dam Rehabilitation

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

STATE OF COLORADO

Colorado Water Conservation Board

Department of Natural Resources

1313 Sherman Street, Room 721

Denver, Colorado 80203

Phone: (303) 866-3441

Fax: (303) 866-4474

www.cwcb.state.co.us



TO: Colorado Water Conservation Board Members

FROM: Anna Mauss, P.E.
Finance Section

DATE: November 5, 2012

SUBJECT: **Directors Report, November 13-14, 2012 Board Meeting**
Finance – Agricultural Emergency Drought (AED) Grant Program Update

John Hickenlooper
Governor

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

The Agricultural Emergency Drought (AED) Grant Program provides up to \$1 million annually for emergency drought-related water augmentation purposes to Colorado's agricultural water users. The program is open to agricultural organizations located in areas where a disaster emergency has been proclaimed due to drought. Grant funds are used to offset the added costs of leasing water during drought years.

All requests are reviewed by the AED grant committee. The committee is comprised of the Director of the CWCB, the State Engineer, the Commissioner of Agriculture and the Executive Director of the Department of Natural Resources.

To date, the CWCB has received three requests. The table below summarizes the requests.

SPONSOR	APPROVAL DATE	REQUESTED AMOUNT	AMOUNT APPROVED
Lower Arkansas Valley Water Conservancy District	9/5/2012	\$78,683.60	\$78,683.60
Arkansas Groundwater Users Association	9/4/2012	\$112,584.87	\$112,584.87
Colorado Water Protective and Development Association	9/25/12	\$346,178.00	\$293,186.63
Lower South Platte Water Conservancy District	<i>Pending</i>	<i>\$71,274.00</i>	<i>\$TBD</i>
Well Augmentation Subdistrict of the Central Colorado Water Conservancy District	<i>Pending</i>	<i>\$216,577.68</i>	<i>\$ TBD</i>

FUNDING SUMMARY	
TOTAL AMOUNT APPROVED TO DATE (FY13)	\$ 484,455.10

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John W. Hickenlooper
Governor

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

TO: Colorado Water Conservation Board Members

FROM: Anna Mauss, P.E.
Finance Section

DATE: November 5, 2012

SUBJECT: **Directors Report, November 13-14, 2012 Board Meeting**
Finance– Current Prequalified Project List and Loan Prospect Summary

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

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

ATTACHMENT 4

Prequalified Project List

BORROWER	PROJECT NAME	APPLICATION DATE	BASIN	PROJECT DESCRIPTION	PROJECT COST	LOAN AMOUNT
Previously Approved Applications						
Boxelder Basin Regional Stormwater Authority	East Side Detention Facility	July 1, 2012	South Platte	The Authority (City of Ft. Collins, Larimer County, and Town of Wellington) is planning on constructing regional stormwater improvements to reduce the threat of flooding and remove areas from the FEMA floodplain in the Boxelder Creek basin. The detention facility will provide 1,800 AF of detention.	\$13,700,000	\$12,300,000
Boxelder Basin Regional Stormwater Authority	Larimer-Weld Canal & Boxelder Creek Crossing Structure	July 1, 2012	South Platte	Through this project, the Authority is planning on building a crossing structure to convey the 100 year flows from Boxelder Creek across the Larimer-Weld Canal.	\$2,200,000	\$1,980,000
Catamount Metropolitan District	Catamount Hydroelectric Project	March 1, 2012	Yampa/White	The District intends to add a 695kW hydroelectric facility to the existing Lake Catamount Dam.	\$4,600,000	\$4,140,000
Twenty Two Road Lateral Company	Ditch Replacement	September 1, 2011	Colorado	The Twenty Two Road Lateral Company is planning on replacing its aging concrete lined ditch with a buried pipeline. It expects to get additional funding through the NRCS Salinity Control Program.	\$500,000	\$500,000
To be presented to board at November 2012 meeting.						
Missouri Heights Mountain Meadows Irrigation Company	Ditch Lining Project	September 1, 2012	Colorado	This project involves lining one mile of ditch to prevent seepage losses. (Project to remain on list for one more year based on input from Company.)	\$450,000	\$405,000
Totals					\$21,450,000	\$19,325,000

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

LOAN PROSPECTS

Basin	Last Contact	BORROWER	PROJECT NAME	PROJECT COST	LOAN AMOUNT
South Platte					
		B.H. Eaton Ditch Co (Windsor)	Pipeline & Diversion Structure	\$1,000,000	\$1,000,000
		Louden Irrigation & Reservoir Co	Ditch Improvements	\$500,000	\$500,000
		Greeley –Loveland Irrigation Co.	Augmentation Structure		\$500,000
	Aug-12	North Poudre Irrigation Company	Dam Rehabilitation		\$3,000,000
		Town of Byers	Well & Pipeline		\$700,000
		Town of Johnstown	Kauffman Reservoir Purchase		\$5,000,000
	Apr-11	Boulder Left Hand Irrigation. Co	Ditch Piping (2012)		\$300,000
	Jan-11	East Larimer County Water District	Rigdon Storage Project		\$3,000,000
	Oct-11	NISP Participants	NISP		\$30,000,000
	Oct-11	Chatfield Reallocation Participants	Chatfield Reallocation Participants		\$40,000,000
	Dec-11	Pinehurst Country Club	Harriman Reservoir	\$5,000,000	\$500,000
	Feb-12	McKay Lateral	Ditch Lining Project		\$50,000
	June-12	Foothills Park & Recreation	Reservoir Expansion	\$1,000,000	\$900,000
				TOTAL	\$85,450,000
Arkansas					
	Jan-11	Upper Arkansas WCD	Trout Creek Reservoir	\$3,000,000	\$3,000,000
		Cherokee Metro District	Wells and Pipelines	\$800,000	\$800,000
	Sep-11	Ditch and Reservoir company	Big Johnson Reservoir		\$8,000,000
	Aug-12	Town of Ordway	Reservoir Rehab		\$2,000,000
	Oct-11	Lower Arkansas Water Mgmt Association	Water Rights Purchase		\$7,500,000
	Oct-12	Highline Canal Company	Water Rights Purchase	\$4,500,000	\$4,100,000
	Feb-12	Colorado City Metro District	Beckwith Dam Repair		\$500,000
				TOTAL	\$25,900,000

San Miguel/Juan					
		Farmers Water Development Co	Gurley Reservoir Enlargement	\$5,000,000	\$5,000,000
	Feb-11	City of Ouray	Red Mountain Ditch Rehabilitation	\$200,000	\$200,000
				TOTAL	\$5,200,000
Colorado					
		Lateral MC070 Inc.	NRCS Ditch Rehabilitation	\$200,000	\$140,000
		Highland Ditch Co	Ditch Rehabilitation Project	\$200,000	\$200,000
		Ian Carney - Felix Tornare	Polaris Reservoir Rehabilitation	\$500,000	\$500,000
				TOTAL	\$840,000
Gunnison					
	Jul-11	Fire Mountain Canal & Reservoir Co.	New Reservoir		\$500,000
	Oct-11	Hinsdale County/Lake City	Lake San Cristobal Dam/Spillway		\$500,000
				TOTAL	\$1,000,000
Rio Grande					
	Mar-12	Fuchs Reservoir Company	Reservoir Rehabilitation		\$100,000
	Aug-12	San Luis Valley Water Conservancy District	Water Rights Purchase		\$500,000
	Sept-12	Rio Grande Water Conservation District	Water Rights Purchase		\$500,000
				TOTAL	\$1,100,000
Yampa					
				TOTAL	\$0

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

Recent inquiries:

Lone Cabin Ditch and Reservoir Company – Reservoir Rehabilitation
 Farmers Reservoir Company – Measuring devices for ditch system
 Santa Maria Reservoir Company – Reservoir Rehabilitation
 Larimer County – Forest fire mitigation
 Columbine Ranches Property Owners Association – Water Rights Purchase
 Shamrock Irrigation Company – Reservoir Rehabilitation
 Cross Creek Metro District – Reservoir Rehabilitation



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
2012 September Board Approvals									
Arkansas	Lower Arkansas Valley Water Conservancy District	Ag-Municipal Conservation Easement Demonstration	Sep-12	\$54,000	\$21,600	\$75,600	Agricultural	Todd Doherty	
Arkansas	Cross Creek Metropolitan District	Hale Reservoir Renovation – Final Design & Permitting	Sep-12	\$20,000	\$100,000	\$120,000	Municipal & Industrial	Todd Doherty	
Arkansas	Pisgah Reservoir and Ditch Company	Mount Pisgah Dam/Wright's Reservoir Outlet Works Rehabilitation	Sep-12	\$25,000	\$136,345	\$161,345	Other	Ryan Edwards	
Arkansas	Upper Arkansas Water Conservancy District	Build, Assess, and Document Accounting and Administration Tools for Lease Following in the Arkansas River Valley	Sep-12	\$20,000	\$39,215	\$59,215	Agricultural	Todd Doherty	
Colorado	Robinson Ditch Company	Robinson Ditch Piping Improvements	Sep-12	\$60,000	\$0	\$60,000	Agricultural	Jacob Bornstiel	
Colorado	Blue River Watershed Group	Termini Creek Restoration Project	Sep-12	\$17,500	\$332,500	\$350,000	Nonconsumptive	Chris Sturm	
Colorado	Eagle River Watershed Council, Inc.	Colorado River Restoration and Conservation Projects	Sep-12	\$20,000	\$90,000	\$110,000	Nonconsumptive	Chris Sturm	
Colorado	Roaring Fork Water Conservancy	Crystal River Watershed – Assessment and Design of Restoration Projects	Sep-12	\$15,854	\$301,219	\$317,073	Nonconsumptive	Chris Sturm	
Colorado	Tamarisk Coalition	Grand Valley Riparian Restoration Collaborative (GYRRC) Project	Sep-12	\$42,726	\$207,274	\$250,000	Nonconsumptive	Chris Sturm	
Gunnison	Town of Ridgway	Town of Ridgway, Lake Oronowanda Renovation Project	Sep-12	\$60,000	\$540,000	\$600,000	Municipal & Industrial	Ryan Edwards	
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: Haywood Ranch Conservation Easement	Sep-12	\$25,000	\$400,000	\$425,000	Agricultural	Greg Johnson	
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Phase 2 - Outlet Rehabilitation and Gate Tower Replacement	Sep-12	\$55,000	\$869,400	\$914,400	Agricultural	Anna Mauss	
South Plate/Metro Southwest	The Greenway Foundation	Denver South Plate River Implementation Project - Frontier/Overland Final Design	Sep-12	\$200,000	\$300,000	\$500,000	Nonconsumptive	Jacob Bornstiel	
Southwest	La Plata Archuleta Water District	Construction of Municipal Water Distribution Pipeline and Related Facilities	Sep-12	\$25,000	\$475,000	\$500,000	Municipal & Industrial	Ryan Edwards	
Southwest	Maricopa Conservation District	Maricopa River Habitat and Diversion Project - Phase 2	Sep-12	\$20,000	\$99,340	\$119,340	Nonconsumptive	Greg Johnson	
Southwest	Montezuma Valley Irrigation Company	Improved Water User, Conservation, Management and Operations through the Implementation of Water Accounting Software	Sep-12	\$52,500	\$0	\$52,500	Agricultural	Greg Johnson	
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam & Reservoir – Spillway Alternatives Analysis	Sep-12	\$19,400	\$0	\$19,400	Agricultural	Greg Johnson	
2012 July Board Approvals									
Gunnison	Leon Park Reservoir Company	Leon Park Reservoir Dam Outlet Repair	Jul-12	\$31,372	\$0	\$31,372	Agricultural	Todd Doherty	
North Plate	Loban, Hackleman and Olsen LLC	Seneeca Ditch - Structure for Water Control	Jul-12	\$57,540	\$0	\$57,540		Jacob Bornstiel	
2012 May Board Approvals									
Arkansas	El Paso County by its Board of County Commissioners	Groundwater Quality Study - Phase 2 - Upper Black Squirrel Creek Alluvial Aquifer in the Arkansas River Basin	May-12	\$35,000	\$0	\$35,000		Todd Doherty	
2011 September Board Approvals									
Southwest	Lake Durango Water Authority	Lake Durango Water Authority/ Source Water Infrastructure	Sep-11	\$50,000	\$450,000	\$500,000	Municipal & Industrial	Greg Johnson	
2011 July Board Approvals									
Southwest	Pagosa Lake Property Owners Association	Pagosa Lakes Area Village Lake Dam Outlet Pipe Repair Project	Jul-11	\$25,000	\$0	\$25,000	Municipal & Industrial	Greg Johnson	
2011 May Board Approvals									
Colorado	Orchard Mesa Irrigation District	Canal #1 Check Structure Pilot Project at Dalton, Kiefer & Springer Properties	May-11	\$25,212	\$0	\$25,212	Agricultural	Jacob Bornstiel	
2011 March Board Approvals									

WSRA Open Grant Projects - Board Approved - Not Yet Contracted

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Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
Arkansas	Colorado State Parks	Helena Diversion Structure/BV Boat Chute Improvement Project	Mar-11	\$35,000	\$290,000	\$325,000	Nonconsumptive	Chris Sturm	
Gunnison	Grand Mesa Water Conservancy District, Water Enterprise Fund	The Rehabilitation of Blanche Park Reservoir	Mar-11	\$75,000	\$0	\$75,000	Agricultural	Todd Doherty	
2010 July Board Approvals									
South Platte	Northern Colorado Water Conservancy District	Data Logger and Telemetry Installation Project	Jul-10	\$46,000	\$0	\$46,000	Agricultural	Todd Doherty	
2010 May Board Approvals									
Gunnison	Lake San Cristobal Water Activity Enterprise (LSCWAC)	Lake San Cristobal Outlet Structure	May-10	\$150,000	\$0	\$150,000	Municipal & Industrial	Todd Doherty	
2009 September Board Approvals									
Rio Grande	CDPHE	Demonstration of membrane zero liquid discharge process for drinking water systems (\$50,000 Metro Basin Fund Contribution)	Sep-09	\$50,000	\$200,000	\$250,000		Greg Johnson	
2009 July Board Approvals									
Southwest	Town of Sawpit	Domestic Water System Construction	Jul-09	\$25,000	\$0	\$25,000	Municipal & Industrial	Greg Johnson	



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Arkansas	Southwestern Colorado Water Activity Enterprise	Arkansas Valley Conduit	Mar-07	\$0	\$200,000	\$200,000	Municipal & Industrial	C150406	6/30/11	11/24/10
Arkansas	Southeastern Colorado Water Conservancy District	Native Phreatophyte Trees & Mapping Project	Mar-07	\$0	\$50,000	\$50,000	Other	8000000005		6/30/09
Arkansas	El Paso County Water Authority	Upper Black Squirrel Creek Aquifer Recharge Investigation	Mar-07	\$45,200	\$0	\$45,200	Municipal & Industrial	8000000011		
Arkansas	El Paso County Water Authority	Ground Water Conference	Mar-07	\$24,721	\$0	\$24,721	Education	8000000010	10/10/07	6/30/09
Arkansas	Pueblo and El Paso Counties	Fountain Creek Vision Task Force	May-07	\$75,000	\$0	\$75,000	Needs Assessment	8000000084	6/30/09	6/30/09
Arkansas	Round Mountain Water and Sanitation District	Round Mountain Water & Sanitation District Water System Improvements Project	May-07	\$120,000	\$0	\$120,000	Municipal & Industrial	C150403	9/2/09	9/7/09
Arkansas	Lower Arkansas Valley Water Conservancy District	Rational Land Following-Water Leasing Program -Lower Arkansas Super Ditch Company	Jan-08	\$150,000	\$0	\$150,000	Agricultural	C150425	6/30/10	5/5/10
Arkansas	Upper Big Sandy Ground Water Management District	Upper Big Sandy Water Balance	Jan-08	\$45,000	\$0	\$45,000	Needs Assessment	8000000100		5/8/09
Arkansas	Southeastern Colorado Water Conservancy District	Model Transfers- Agriculture to Urban, Arkansas Basin	Jan-08	\$23,880	\$0	\$23,880	Agricultural	8000000135		12/1/08
Arkansas	Greater Arkansas River Nature Association	Arkansas Headwaters Diversion Structure Improvement Project Arkansas River Basin	Mar-08	\$0	\$57,955	\$57,955	Nonconsumptive	9000000025		8/31/09
Arkansas	City of Las Animas	City of Las Animas Water System Improvements	Mar-08	\$100,000	\$200,000	\$300,000	Municipal & Industrial	C150424	12/31/09	9/23/09
Arkansas	Colorado State Parks	Colorado State Parks Zebra Mussel Response	Mar-08	\$0	\$1,000,000	\$1,000,000	Other	C150416	6/30/09	6/30/10
Arkansas	Upper Arkansas Water Conservancy District	Telemetry data collection platforms at six reservoirs plus flow control equipment & gauging at six reservoir outlet channels & nine streams with the Upper Ark River basin John Martin Wetlands & Neomashie Reservoir	Sep-08	\$75,000	\$210,332	\$285,332	Agricultural	C150439	12/31/11	9/7/11
Arkansas	Lower Arkansas Valley Water Conservancy District	UAWCD Hydrologic Water Balance Study	May-09	\$148,975	\$0	\$148,975	Needs Assessment	C150457	6/30/12	6/28/12
Arkansas	Upper Arkansas Water Conservancy District	Nonconsumptive Needs Quantification	Sep-09	\$0	\$180,000	\$180,000	Needs Assessment	C150460	6/30/13	9/25/12
Arkansas	Southeastern Colorado Water Conservancy District	Statenholder's Cooperative Management Analysis for the Upper Arkansas River Basin	Jul-10	\$33,600	\$0	\$33,600	Nonconsumptive	11000000012	8/31/11	12/31/11
Arkansas	Fountain Creek Watershed Greenway and Flood Control District	Fountain Creek Fish Marking and Monitoring Study	Sep-10	\$7,000	\$28,000	\$35,000	Nonconsumptive	121BC000009	4/1/12	3/29/12
Arkansas	Colorado Foundation for Water Education	Raising Awareness in 2012: A Statewide Celebration of Colorado Water	Mar-11	\$0	\$30,515	\$30,515	Education	11000000113	12/31/12	1/30/12
Arkansas	Lower Arkansas Valley Water Conservancy District	Colorado Water 2012	Jan-12	\$6,255	\$0	\$6,255	Education	OE131BC000005	8/31/12	8/2/12
Arkansas Basin Total Request				\$854,611	\$1,956,802	\$2,811,413				
Number of Projects				19						
Arkansas/Metro	El Paso County Water Authority	Flaming Gorge Project Task Force Assessment	May-10	\$60,000	\$0	\$60,000	Other	11000000008	6/30/11	6/30/11
Arkansas/Metro Basin Total Request				\$60,000	\$0	\$60,000				
Number of Projects				1						
Colorado	Eagle Park Reservoir Company	Engagement of Eagle Park Reservoir	Mar-07	\$0	\$250,000	\$250,000	Municipal & Industrial	C150401	12/31/09	12/17/09
Colorado	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment	Mar-07	\$40,000	\$0	\$40,000	Nonconsumptive	8000000012		
Colorado	Colorado River Water Conservancy District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10.825)	Mar-07	\$0	\$0	\$0	Other	C150404	6/30/08	
Colorado	Grand County	Vail Ditch Project	Mar-07	\$0	\$1,500,000	\$1,500,000	Agricultural	C150409	6/30/08	6/30/08
Colorado	Colorado River Water Conservancy District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10.825)	Mar-07	\$0	\$200,000	\$200,000	Nonconsumptive	C150404	6/30/08	6/30/08
Colorado	Bull Creek Reservoir Canal and Power Co.	Bull Creek Reservoir No. 5 Spillway Adequacy Analysis	Sep-07	\$50,000	\$0	\$50,000	Agricultural	8000000039	6/30/10	2/25/09
Colorado	Summit County	Old Dillon Reservoir	Mar-08	\$100,000	\$0	\$100,000	Municipal & Industrial	9000000026	6/30/09	3/2/10
Colorado	Grand County	Fraser Sedimentation Basin	Mar-08	\$50,000	\$127,900	\$187,900	Nonconsumptive	C150449	6/30/12	12/28/11
Colorado	Grand County	Grand County Stream Flow Management Plan	May-08	\$100,000	\$0	\$100,000	Nonconsumptive	C150461	6/30/11	12/16/10
Colorado	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment -Phase 2	May-08	\$40,000	\$0	\$40,000	Nonconsumptive	90000000049	10/1/09	10/1/09
Colorado	West Divide Water Conservancy District	Feasibility and design assessment of off-channel reservoir sites in the Crystal River water shed	Sep-08	\$40,000	\$0	\$40,000	Municipal & Industrial	9000000052	8/31/09	9/2/09



WSRA COMPLETED PROJECTS

Basin	Applicant	Name of Water Activity	Meeting	Approved	Approved	Request	Type of Water Activity	Number	Expiration Date	Final Date Closed
Colorado	Trout Unlimited	Battlement Reservoir #3 Dam reconstruction to enhance recreational & environmental opportunities	Sep-08	\$80,000	\$0	\$80,000	Nonconsumptive	12IBC0000016	12/31/12	12/23/11
Colorado	Northwest Colorado Council of Governments	Colorado Basin Nonconsumptive Needs Quantification	Mar-09	\$315,171	\$0	\$315,171	Needs Assessment	C150451	6/30/12	6/14/12
Colorado	Colorado Foundation for Water Education	Solicitation of Stakeholders input and advice through a Colorado River Basin edition of Headwaters Magazine	Sep-10	\$25,000	\$0	\$25,000	Education	11000000039	6/30/11	6/28/11
Colorado	Grand River Ditch Company	Grand River Ditch Pipeline	Sep-10	\$25,000	\$0	\$25,000	Agricultural	11000000097	6/30/11	6/1/11
Colorado Basin Total Request				\$875,171	\$2,077,900	\$2,953,071				
Number of Projects				15						
Colorado/Yamp	City of Grand Junction	Energy Development Water Needs Assessment (300,000 Joint Application see Colorado)	Mar-07	\$0	\$300,000	\$300,000	Needs Assessment	C150407	3/31/11	3/31/11
Colorado/Yampa/White Basin Total Request				\$0	\$300,000	\$300,000				
Number of Projects				1						
Gunnison	Upper Gunnison Water Conservancy District and Hinsdale County	Lake San Cristobal Controlled Outlet Structure	May-07	\$24,500	\$98,000	\$122,500	Municipal & Industrial	8000000021	6/30/13	
Gunnison	Leiroux Creek Water Users Association (LCWUA)	Safety and Serviceability Needs Inventory for Reservoirs in the Leiroux Creek Drainage Basin	May-07	\$60,000	\$0	\$60,000	Agricultural	8000000008	6/30/11	6/30/11
Gunnison	Town of Orchard City	Orchard City Water Reservoir Project (Task 1-3)	May-07	\$60,000	\$0	\$60,000	Municipal & Industrial	8000000007	6/30/08	
Gunnison	Town of Orchard City	Orchard City Water Reservoir Project (Remaining Tasks)	Sep-07	\$0	\$480,000	\$480,000	Municipal & Industrial	C150410	12/31/08	
Gunnison	Project 7 Water Authority and Uncompahgre Valley Water Users Association	Off-System Raw Water Storage Project 7 Water Authority/Uncompahgre Valley Water Users Association	Sep-07	\$56,700	\$0	\$56,700	Municipal & Industrial	80000000059		
Gunnison	North Fork River Improvement Association	Paonia-Feldman Diversion Reconstruction, North Fork of the Gunnison River (Part 1 and 2)	Sep-07	\$48,000	\$62,700	\$110,700	Agricultural	C150411	12/31/08	
Gunnison	Overland Ditch and Reservoir Company	Overland Reservoir Dam Expansion/Restoration	Sep-07	\$0	\$68,000	\$68,000	Agricultural	80000000038	9/30/12	6/30/11
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Phase II Engineering for Lake San Cristobal Outlet Modification	Jul-08	\$75,265	\$0	\$75,265	Municipal & Industrial	90000000041	6/30/11	4/8/11
Gunnison	Town of Ridgway	Ridgway Ditch and Lake Oronamanda Improvement Project	Mar-09	\$109,500	\$0	\$109,500	Municipal & Industrial	C150455	6/30/11	6/30/11
Gunnison	City of Grand Junction Water Enterprise Fund	Junata Reservoir Spillway Modification	Mar-09	\$97,000	\$0	\$97,000	Municipal & Industrial	90000000088	6/30/10	12/15/09
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Harland Diversion Dam Fish Passage Feasibility Study	May-09	\$22,100	\$0	\$22,100	Nonconsumptive	90000000144	6/30/10	1/25/10
Gunnison	City of Ouray	Development of Augmentation Supplies	May-09	\$50,000	\$0	\$50,000	Municipal & Industrial	10000000041	6/30/11	6/30/11
Gunnison	Valley View Irrigation Association	Valley View Irrigation Improvement	Mar-11	\$0	\$0	\$0	Agricultural	110000000127	12/31/11	7/26/11
Gunnison	Gunnison Gorge Anglers - Trout Unlimited	Relief Ditch Diversion Dam Design	May-11	\$20,650	\$0	\$20,650	Agricultural	12IBC00000004	6/30/12	6/30/12
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Harland Diversion Dam — Partial Dam Removal and Stabilization	Sep-11	\$0	\$0	\$0	Nonconsumptive	12IBC00000008	3/31/12	3/31/12
Gunnison Basin Total Request				\$623,715	\$708,700	\$1,332,415				
Number of Projects				15						
Metro	The Greenway Foundation	Charfield Reallocation EIS/FR (South Platte BRT contributing \$27,000)	Mar-07	\$103,000	\$0	\$103,000	Municipal & Industrial			
Metro	East Cherry Creek Valley Water and Sanitation District	Zero Liquid Discharge Pilot Study	Sep-07	\$200,000	\$200,000	\$400,000	Municipal & Industrial	C150412		1/8/09
Metro	Parker Water and Sanitation District	Parker Water & San. & CO. State Univ Joint Project on the Rural/Urban Farm Model	Sep-07	\$150,000	\$0	\$150,000	Municipal & Industrial	C150413	12/31/09	10/2/09
Metro	South Metro Water Supply Authority	South Metro Water Supply Authority - Regional Aquifer Supply Assessment	Jul-08	\$100,540	\$0	\$100,540	Municipal & Industrial	C150430	12/31/09	12/31/10
Metro	The Greenway Foundation	South Platte River Recreation and Habitat Feasibility Study	Sep-08	\$150,000	\$0	\$150,000	Nonconsumptive	C150442	6/30/10	6/30/10

WSRA COMPLETED PROJECTS

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Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Metro	Colorado Foundation for Water Education	Educating Denver Metro elected officials and decision makers on solutions-oriented water supply planning	Jan-11	\$14,820	\$0	\$14,820	Education	11000000083	6/30/12	4/30/12
Metro Basin Total Request				\$718,360	\$200,000	\$918,360				
Number of Projects				6						
North Plate	Silver Spur Land & Cattle	New Pioneer Ditch Diversion Reconstruction Project	Mar-08	\$116,000	\$0	\$116,000	Agricultural	C150421	12/31/09	
North Plate	Town of Walden	Town of Walden Water Supply Improvement Project	Jul-08	\$385,000	\$0	\$385,000	Municipal & Industrial	C150431A	9/30/11	9/30/11
North Plate	Colorado State University	Identification and Assessment of Important Wetlands in North Plate River Watershed	Sep-08	\$86,000	\$96,000	\$182,000	Nonconsumptive	C150433	6/30/10	7/28/10
North Plate	Colorado State University	Identification and assessment of important wetlands in N.P. River watershed	Sep-08	\$0	\$0	\$0	Nonconsumptive	C150433	6/30/10	6/30/10
North Plate	Walden Reservoir Company	Structure for Water Control	Jan-11	\$36,000	\$0	\$36,000	Agricultural	11000000087	11/30/11	11/7/11
North Plate	Colorado Foundation for Water Education	Solicitation of stakeholder input through production of a North Plate Basin education package	Jan-11	\$14,040	\$0	\$14,040	Education	11000000084	6/30/12	6/25/12
North Plate Basin Total Request				\$637,040	\$96,000	\$733,040				
Number of Projects				6						
Rio Grande	El Paso County Water Authority	Alamosa River In-stream Flow Project	Mar-07	\$64,500	\$0	\$64,500	Nonconsumptive	70000000076		6/30/08
Rio Grande	San Luis Valley Irrigation District	Preliminary Design Multi-use Rio Grande Reservoir Rehabilitation and Enlargement	Mar-07	\$0	\$288,000	\$288,000	Agricultural	C150402	6/30/10	6/30/10
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Basin Conservation Reserve Enhancement Program	May-07	\$36,750	\$0	\$36,750	Agricultural	80000000006		
Rio Grande	San Luis Valley Resource Conservation and Development Council	Alamosa River Watershed Restoration Project	Sep-07	\$0	\$104,000	\$104,000	Other	C150419		
Rio Grande	Romero Irrigation Company	Romero-Guadalupe Channel Rectification Project	Sep-07	\$83,700	\$0	\$83,700	Agricultural	80000000060		9/7/08
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative	Mar-08	\$200,000	\$1,300,000	\$1,500,000	Nonconsumptive	C150420		
Rio Grande	Santa Maria Reservoir Company	Santa Maria and Continental Reservoirs: Rehabilitation and Multiple Use Studies	Sep-08	\$72,000	\$141,700	\$213,700	Agricultural	C150443	6/30/12	6/30/12
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Restoration	Sep-08	\$50,000	\$200,000	\$250,000	Agricultural	C150448	6/30/11	2/3/11
Rio Grande	Manassas Land and Irrigation Company	Conejos River and North Branch Diversion and Stabilization	Sep-08	\$50,000	\$333,700	\$383,700	Agricultural	C150446	6/30/10	6/30/10
Rio Grande	San Luis Valley Irrigation District	Rio Grande Reservoir Multi-Use Rehabilitation: Refinement and Enhancement of Reservoir Reoperation and Optimization Model	Nov-08	\$100,000	\$0	\$100,000	Agricultural	C150437A	12/31/11	12/21/11
Rio Grande	El Codo Ditch Company	San Antonio River- El Codo Ditch Diversion and Rehabilitation	May-09	\$65,000	\$0	\$65,000	Agricultural	10000000001	12/31/09	12/8/09
Rio Grande	Tincherla Irrigation Company	Sangre de Cristo Tincherla Diversion Canal Restoration	Sep-09	\$50,000	\$150,000	\$200,000	Agricultural	C150458	7/31/11	10/22/10
Rio Grande	Tincherla Irrigation Company	Shortfall Request - Sangre de Cristo Tincherla Diversion Canal Restoration	Jan-10	\$54,000	\$0	\$54,000	Agricultural	C150458	7/31/11	7/31/12
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Educating Today to Balance Tomorrow's Water Supplies & Needs	May-10	\$25,000	\$0	\$25,000	Education	11000000059	6/30/12	10/17/11
Rio Grande	San Luis Peoples Ditch Company	San Luis Peoples Ditch Upgrade and Rehabilitation Project - Phase I	May-10	\$40,000	\$0	\$40,000	Agricultural	11000000053	6/30/11	9/7/11
Rio Grande	Manassas Land and Irrigation Company	Conejos North Branch Water Conservation and Management	Jan-11	\$75,000	\$0	\$75,000	Agricultural	11000000109	6/30/12	6/25/12
Rio Grande	Colorado Rio Grande Restoration Foundation	The McDonald Ditch and Plaza Project, Phase I Planning	Jan-11	\$40,000	\$0	\$40,000	Agricultural	11000000102	12/31/11	12/22/11
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: North Rio Grande Ranch Conservation Easement	Mar-11	\$15,000	\$55,000	\$70,000	Nonconsumptive	C150489	12/30/11	12/30/11
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Rehabilitation - Phase I Assessment & Upgrade	Sep-11	\$10,000	\$85,000	\$95,000	Agricultural	121BC000013	7/31/12	6/13/12
Rio Grande Basin Total Request				\$1,030,950	\$2,657,400	\$3,688,350				
Number of Projects				19						



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
South Platte	The Greenway Foundation	Charfield Reallocation EIS/SFR (Metro BRT contributing \$103,000)	Mar-07	\$27,000	\$0	\$27,000	Municipal & Industrial			
South Platte	Clear Creek County	Clear Creek Water Banking/High Altitude Storage	May-07	\$52,000	\$0	\$52,000	Municipal & Industrial	C8000000037	12/31/11	4/13/12
South Platte	District 64 Reservoir Company	Ovid Reservoir Comprehensive Feasibility Study	Sep-07	\$176,000	\$0	\$176,000	Agricultural	C150417	7/31/09	7/31/09
South Platte	Ducks Unlimited, Inc.	Lower South Platte Wetland Initiative Phase I South Platte River, CO	Sep-07	\$0	\$278,476	\$278,476	Nonconsumptive	C150415		
South Platte	Northern Colorado Water Conservancy/District	Stage Discharge Data Loggers and Telemetry	Jan-08	\$48,800	\$0	\$48,800	Agricultural	80000000120	6/30/11	6/28/11
South Platte	City of Greeley	Halligan Seaman Water Mgmt project share vision planning model	Sep-08	\$25,435	\$76,305	\$101,740	Municipal & Industrial	C150436	6/30/10	6/30/10
South Platte	Ducks Unlimited, Inc.	Central South Platte Wetland Partnership	Mar-09	\$150,000	\$0	\$150,000	Nonconsumptive	C150454	6/30/11	6/30/11
South Platte	Fort Morgan Reservoir and Irrigation Company (FMIRCO)	FMIRCO Recharge & Wetlands Project	Sep-09	\$250,000	\$420,000	\$670,000	Agricultural	C150464	6/30/12	6/27/12
South Platte	Colorado Climate Center--CSU	Colorado Agricultural Meteorological Network (CoAgMet)	Jul-10	\$20,000	\$0	\$20,000	Agricultural	11000000079	6/30/12	6/30/12
South Platte Basin Total Request				\$749,235	\$774,781	\$1,524,016				
Number of Projects										
9										
South	Clear Creek County	Upper Mountain Counties Water Needs Assessment	May-08	\$174,350	\$0	\$174,350	Needs Assessment	C150429A	6/30/11	12/31/10
Plate/Metro										
South	Colorado Foundation for Water Education	Solicitation of Stakeholder Input through a South Platte Edition of Headwaters	Jul-08	\$32,038	\$0	\$32,038	Education	9000000019		
Plate/Metro										
South	Lost Creek Groundwater Management District	Lost Creek Aquifer Recharge and Storage Study	Jan-09	\$240,000	\$0	\$240,000	Municipal & Industrial	C150447	6/30/11	9/27/11
Plate/Metro										
South Platte/Metro Basin Total Request				\$446,388	\$0	\$446,388				
Number of Projects										
3										
Southwest	San Juan Water Conservancy District	Dry Gulch Reservoir/San Juan Reservoir Land Acquisition	Mar-07	\$0	\$0	\$0	Municipal & Industrial	C150408		12/17/08
Southwest	Goodman Point Water Association	Goodman Point Water Association Pipeline Environmental Assessment	Mar-07	\$7,700	\$0	\$7,700	Municipal & Industrial	80000000075		7/31/09
Southwest	Maneros Water Conservancy District	Jackson Gulch Reservoir Expansion Project	Jul-07	\$80,000	\$0	\$80,000	Municipal & Industrial	80000000076	6/30/09	6/30/09
Southwest	Goodman Point Water Association	Goodman Point Phase 2	Sep-07	\$20,000	\$120,000	\$140,000	Municipal & Industrial	C150462	6/30/12	3/16/11
Southwest	Bauer Lake Water Company	Bauer Lakes Water Co. Dam Outlet Structure Upgrade	Mar-08	\$40,000	\$0	\$40,000	Agricultural	10000000084	12/31/11	12/28/11
Southwest	La Plata West Water Authority	La Plata West Rural Water Supply System	Mar-08	\$100,000	\$1,000,000	\$1,100,000	Municipal & Industrial	C150422	6/30/09	6/30/09
Southwest	Town of Sawpit	Town of Sawpit Engineering/Planning for Domestic Water System: Southwest Basin	Mar-08	\$25,000	\$0	\$25,000	Municipal & Industrial	90000000006	6/30/09	6/7/10
Southwest	Summit Reservoir and Irrigation Company	MVIC Summit Irrigation Company feasibility study	Sep-08	\$39,300	\$0	\$39,300	Agricultural	90000000085	8/31/10	8/31/10
Southwest	Happy Scenes Water System #1	Water System Well, Treatment System and Distribution Upgrades	Nov-08	\$50,000	\$0	\$50,000	Municipal & Industrial	90000000127	6/30/10	11/17/09
Southwest	La Plata Archuleta Water District	Water System Master Planning	Nov-08	\$100,000	\$0	\$100,000	Municipal & Industrial	90000000112	12/31/09	12/22/09
Southwest	Town of Silverton	Molas Lake Ditch Rehabilitation and Diversion Structures	Jan-09	\$95,000	\$0	\$95,000	Municipal & Industrial	90000000143	12/31/11	11/16/11
Southwest	Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Mar-09	\$100,000	\$0	\$100,000	Nonconsumptive	C150450	6/30/11	6/30/10
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enligement Ditch, and the Florida Co-operative Ditch Company)	Ditch loss, Hydropower, and Monitoring Improvement Program	Mar-09	\$100,000	\$0	\$100,000	Agricultural	90000000115	6/30/11	6/30/11
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam Incremental Damage Analysis (IDA) and Emergency Action Plan (EAP)	May-09	\$29,000	\$0	\$29,000	Agricultural	10000000061	6/30/12	6/29/12
Southwest	Park Ditch Company	Park Ditch Improvements	Jul-09	\$85,000	\$0	\$85,000	Agricultural	10000000011	6/30/11	12/9/09
Southwest	Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Sep-09	\$0	\$0	\$0	Needs Assessment	C150468	6/30/12	12/17/10
Southwest	San Juan Resource Conservation and Development - Animas Watershed Project	Animas River Needs Assessment	Sep-09	\$57,000	\$0	\$57,000	Needs Assessment	11000000028		4/28/11

WSRA COMPLETED PROJECTS

Updated 10/31/2012



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Southwest	Marcos Conservation District	Marcos River Division Project, Phase I	Nov-09	\$24,753	\$0	\$24,753	Nonconsumptive	10000000111	12/30/10	6/7/11
Southwest	Marcos Valley Resources Inc.	Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production	Nov-09	\$31,500	\$0	\$31,500	Agricultural	10000000125	6/30/12	6/30/12
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Canal Seepage Reduction Project	Nov-09	\$225,000	\$1,000,000	\$1,225,000	Agricultural	C150463	6/30/11	6/30/11
Southwest	Town of Nowood	Raw Water System Update and Future Needs Study	Jan-10	\$58,458	\$0	\$58,458	Municipal & Industrial	10000000085	6/30/11	6/30/11
Southwest	Dolores Water Conservancy District	Totten Reservoir Hydrographic Survey	Nov-10	\$29,500	\$0	\$29,500	Agricultural	11000000114	12/31/11	12/28/11
Southwest	San Juan Citizens Alliance	A Way Forward: The Dolores River Below McPhee Reservoir	Nov-10	\$25,000	\$0	\$25,000	Nonconsumptive	121BC000011	12/31/12	3/6/12
Southwest	Ahnias La Plata Water Conservancy District	Recreational Plan for Lake Nighthorse	Nov-10	\$25,000	\$0	\$25,000	Nonconsumptive	121BC000005	12/31/11	10/21/11
Southwest	La Plata River and Cherry Creek Ditch Company	La Plata Cherry Creek Ditch Headgate Improvement Project	Nov-10	\$25,000	\$0	\$25,000	Agricultural	121BC000014	8/31/12	6/11/12
Southwest	Montezuma Valley Irrigation Company	Groundhog Reservoir Bathymetric Survey	Mar-11	\$0	\$0	\$0	Agricultural	121BC000003	6/30/12	6/30/12
Southwest	Town of Rico	Town of Rico Alluvium Pipeline Water Supply Project - Well Drilling and Water Quality Testing	Mar-11	\$20,000	\$80,000	\$100,000	Municipal & Industrial	11000000122	6/30/12	3/6/12
Southwest Basin Total Request				\$1,392,211	\$2,200,000	\$3,592,211				
Number of Projects				27						
Yampa/White	Upper Yampa Water Conservancy District	Morrison Creek Reservoir Feasibility Study	Jul-07	\$49,500	\$0	\$49,500	Municipal & Industrial	8000000058	3/31/08	
Yampa/White	Moffat County	Agricultural Water Needs Assessment	Jan-08	\$0	\$0	\$0	Needs Assessment	C150418	12/31/10	12/31/10
Yampa/White	City of Steamboat Springs	Common Data Repository	Jan-08	\$106,600	\$0	\$106,600	Other	C150423	6/30/10	12/29/10
Yampa/White	Vermillion Ranch	Sparks Reservoir	Jul-08	\$16,000	\$0	\$16,000	Agricultural	9000000039	12/31/08	
Yampa/White	Moffat County	Sandwash basin coalbed methane production depletive effects on water resources	Sep-08	\$20,000	\$98,835	\$118,835	Municipal & Industrial	C150435	6/30/11	6/6/11
Yampa/White	Colorado Foundation for Water Education	Headwaters Magazine - January 2010	Sep-09	\$20,000	\$0	\$20,000	Education	10000000050	6/30/10	
Yampa/White	Community Agriculture Alliance, Inc.	Development and Implementation of Water Forums, Workshop, and/or Tours	Sep-09	\$10,000	\$0	\$10,000	Education	10000000046	6/30/11	12/31/10
Yampa/White	The Nature Conservancy of Colorado	Yampa White Basin Nonconsumptive Needs Assessment Watershed Flow Evaluation Tool	Jan-10	\$169,002	\$0	\$169,002	Nonconsumptive	C150466	6/30/12	6/30/12
Yampa/White Basin Total Request				\$391,102	\$98,835	\$489,937				
Number of Projects				8						

WSRA IN PROGRESS PROJECTS

Updated 10/31/2012



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
Arkansas	Colorado State University	Geospatial Decision Support System for Integrated Water Management in the Arkansas River Basin	Sep-08	\$100,000	\$500,000	\$600,000	Needs Assessment	C150441	6/30/13
Arkansas	City of Pueblo	Bedload/Sediment Collection and Removal Technology - Fountain Creek	Sep-09	\$75,000	\$160,000	\$225,000	Nonconsumptive	C150465	6/30/13
Arkansas	Purgatoire River Water Conservancy District	Trinidad/Purgatoire River Reach 4 Demonstration Project	Jan-11	\$75,000	\$0	\$75,000	Nonconsumptive	11000000131	12/31/12
Arkansas	Lower Arkansas Valley Water Conservancy District	Super Ditch Delivery Engineering	Mar-11	\$0	\$225,837	\$225,837	Agricultural	C150490	12/31/12
Arkansas	Southeastern Colorado Water Conservancy District	The use of excess storage capacity in Blue Mesa Reservoir to avoid or reduce the impact of a Colorado River Compact curtailment in Colorado	Mar-11	\$49,000	\$196,000	\$245,000	Municipal & Industrial	C150496	6/30/13
Arkansas	Sangle de Cristo RC&D Council Inc.	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (ColAgMet)	May-11	\$0	\$0	\$0	Agricultural	121BC000006	6/30/15
Arkansas	City of Trinidad	North Lake Dam Rehabilitation Project	Mar-12	\$12,000	\$727,235	\$739,235	Municipal & Industrial	C150502	12/31/13
Arkansas Basin Total Request				\$311,000	\$1,799,072	\$2,110,072			
Number of Projects									
Arkansas/Colorado/Gunnison/Platte/Metro	Pikes Peak Regional Water Authority	Basin Roundtable Project Exploration Committee: Flaming Gorge	Sep-11	\$23,000	\$50,004	\$73,004	Other	131BC0000001	12/31/12
Arkansas/Colorado/Gunnison/Platte/Metro Basin Total Request				\$23,000	\$50,004	\$73,004			
Number of Projects									
Arkansas/South Platte	Pikes Peak Regional Water Authority	Rotating Agricultural Fallowing Public Policy Working Group	Jul-11	\$20,000	\$0	\$20,000	Agricultural	121BC000015	12/31/12
Arkansas/South Platte Basin Total Request				\$20,000	\$0	\$20,000			
Number of Projects									
Arkansas/South Platte/Metro	Water Environment Research Foundation	Demonstration of Membrane Zero Liquid Discharge Process for Drinking Water Systems	Sep-08	\$0	\$0	\$0		C150456	6/30/13
Arkansas/South Platte/Metro Basin Total Request				\$0	\$0	\$0			
Number of Projects									
Colorado	Basalt Water Conservancy District	Missouri Heights	Sep-07	\$25,000	\$0	\$25,000	Needs Assessment	8000000049	1/31/13
Colorado	Town of Gypsum	L.E.D.E. Ditch and Reservoir Reconstruction	Sep-10	\$50,000	\$175,000	\$225,000	Municipal & Industrial	C150494	12/31/13
Colorado	Mesa Conservation District	Small Acreage Irrigation Audit Program	Mar-11	\$18,273	\$0	\$18,273	Agricultural	121BC000001	6/30/13
Colorado	Colorado Mesa University	Colorado Water 2012	Jan-12	\$29,700	\$0	\$29,700	Education	121BC000018	6/30/14
Colorado	Colorado State University	Investigation of Water Savings, Water Quality benefits and Profitability of Sub Surface Drip on Alfalfa in Grand Valley	Mar-12	\$46,894	\$0	\$46,894	Agricultural	121BC000019	4/30/16
Colorado	Blue River Watershed Group	Upper Swan River Restoration Project	Mar-12	\$30,000	\$0	\$30,000	Nonconsumptive	121BC000021	10/31/12
Colorado	Eagle River Watershed Council, Inc.	Colorado River Inventory & Assessment	May-12	\$30,000	\$0	\$30,000	Needs Assessment	OE131BC000003	12/31/13
Colorado Basin Total Request				\$229,867	\$175,000	\$404,867			
Number of Projects									
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Blue Mesa Reservoir		\$24,500	\$98,000	\$122,500		C150497	6/30/13
Gunnison	North Fork Water Conservancy District (NFWCD) and Fire Mountain Canal and Reservoir Company (FMC)	Sedimentation Management Study For Paonia Reservoir - North Fork of the Gunnison	Sep-07	\$79,000	\$230,000	\$309,000	Agricultural	C150414	2/28/13
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Lake San Cristobal Outlet Structure Modification--Phase III	Nov-08	\$0	\$120,960	\$120,960	Municipal & Industrial	C150444A	6/30/11
Gunnison	Gunnison County	75 Ditch Diversion Improvement and Feature Enhancements	May-10	\$46,100	\$0	\$46,100	Nonconsumptive	121BC000002	6/30/15



WSRA IN PROGRESS PROJECTS

Basin	Applicant	Name of Water Activity	Meeting	Approved	Approved	Request	Type of Water Activity	Number	Expiration
Gunnison	LeRoux Creek Water Users Association (LCWUA)	Hanson Reservoir Outlet Rehabilitation	Jul-10	\$0	\$0	\$0	Agricultural	11000000068	6/30/13
Gunnison	Colorado State University	Agricultural Weather Data Delivery Improvements to Uncompahgre Valley Irrigators	Sep-11	\$77,000	\$35,000	\$112,000	Agricultural	C150499	12/31/14
Gunnison	Grand Mesa Reservoir Company	Lining Outlet for Grand Mesa Reservoir #6	Nov-11	\$19,840	\$0	\$19,840	Agricultural	121BC000022	12/31/12
Gunnison	Colorado Mesa University	Gunnison Basin Roundtable Education Program	Mar-12	\$19,750	\$0	\$19,750	Education	121BC000020	6/30/14
Gunnison	North Delta Irrigation Company	Tunnel Reconstruction Project	Mar-12	\$40,000	\$370,000	\$410,000	Agricultural	C150478	4/1/13
Gunnison	Delta Conservation District	North Fork of the Gunnison Invasive Weed Removal	May-12	\$20,000	\$0	\$20,000	Other	131BC000007	12/31/13
Gunnison Basin Total Request				\$326,190	\$853,960	\$1,180,150			
Number of Projects			10						
Metro	South Metro Water Supply Authority	Aquifer Recharge Pilot Study	Sep-09	\$0	\$425,000	\$425,000	Municipal & Industrial	C150474	6/30/13
Metro	Douglas County Water Resource Authority	Feasibility Study for Bureau of Reclamation Funding from the National Rural Water Supply Act	Sep-09	\$100,000	\$500,000	\$600,000	Municipal & Industrial	C150470	6/30/13
Metro	South Metro Water Supply Authority	Aquifer Recharge Pilot Study	Sep-10	\$0	\$125,000	\$125,000	Municipal & Industrial	C150474	6/30/13
Metro	Douglas County Water Resource Authority	Rotary Sprinkler Nozzle Retrofit	Sep-10	\$0	\$250,000	\$250,000	Municipal & Industrial	C150471	6/30/13
Metro	Rural Water Authority of Douglas County	Rural Douglas County groundwater-level monitoring network	Sep-10	\$28,263	\$84,792	\$113,055	Municipal & Industrial	C150473	6/30/13
Metro Basin Total Request				\$128,263	\$1,384,792	\$1,513,055			
Number of Projects			5						
North Plate	USFS	Effects of Min pine beetle and forest mgmt on water quantity, quality, and forest recovery N.P. and Upper CO River basins	Sep-08	\$212,306	\$164,618	\$376,923	Other	C150440	6/30/13
North Plate	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	Agricultural	C150438	6/30/14
North Plate	Ducks Unlimited, Inc.	North Park Irigated Meadow Conservation Program - Phase I	May-10	\$20,000	\$0	\$20,000	Nonconsumptive	10000000126	6/30/13
North Plate	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion	Sep-11	\$128,828	\$0	\$128,828	Agricultural	C150488	12/31/13
North Plate	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion - Additional Funds Request	May-12	\$55,055	\$0	\$55,055		C150488	12/31/13
North Plate Basin Total Request				\$466,598	\$215,027	\$681,624			
Number of Projects			5						
Rio Grande	Colorado Rio Grande Restoration Foundation	2008 Rio Grande Riparian Stabilization Project	Sep-08	\$35,000	\$250,000	\$285,000	Nonconsumptive	C150452	12/31/12
Rio Grande	Lower Willow Creek Restoration Company	Lower Willow Creek Restoration Project	Sep-09	\$50,000	\$200,000	\$250,000	Nonconsumptive	C150467	12/31/14
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Conservation Reserve Enhancement Program (CREP) Phase II - Implementation	Sep-09	\$31,500	\$0	\$31,500	Agricultural	10000000056	12/31/12
Rio Grande	Colorado Rio Grande Restoration Foundation	2009 Rio Grande Riparian Stabilization Project - Phase 4	May-10	\$50,000	\$0	\$50,000	Nonconsumptive	C150486	12/31/14
Rio Grande	Conejos Water Conservancy District	Platono Reservoir Crest of Dam Repair	Sep-11	\$15,000	\$135,000	\$150,000	Agricultural	C150495	12/31/12
Rio Grande	Colorado Rio Grande Restoration Foundation	McDonald Ditch - Plaza Project - Phase 2	Sep-11	\$20,000	\$275,000	\$295,000	Nonconsumptive	C150492	3/31/15
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Water 2012: The Rio Grande Basin Partnering for Colorado's Water Future	Nov-11	\$15,600	\$0	\$15,600	Education	121BC000017	12/31/12
Rio Grande	Conejos Water Conservancy District	Conejos River System Gauging Stations Project	Mar-12	\$20,000	\$387,280	\$407,280	Agricultural	C150501	6/30/14
Rio Grande	Terrace Reservoir Irrigation Company, Inc.	Terrace Reservoir Spillway Replacement	Mar-12	\$75,000	\$1,425,000	\$1,500,000	Agricultural	C150500	12/31/14
Rio Grande	Rio Grande County	Rio Grande County Hydrogeologic Study	Jul-12	\$99,564	\$0	\$99,564	Other	131BC000008	12/31/13

WSRA IN PROGRESS PROJECTS

Updated 10/31/2012



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
Rio Grande Basin Total Request				\$411,664	\$2,672,280	\$3,083,944			
Number of Projects				10					
South Platte	Ducks Unlimited, Inc.	Weld County School Dist RE1 Wetland Partnership	Jul-08	\$42,110	\$0	\$42,110	Nonconsumptive	9000000063	12/31/13
South Platte	Ducks Unlimited, Inc.	S.P. Water protection and restoration	Sep-08	\$0	\$825,552	\$825,552	Nonconsumptive	C150432	6/30/13
South Platte	The Nature Conservancy of Colorado	Antelope River Well retirement program, Republican River basin, CO.	Sep-08	\$19,984	\$79,936	\$99,920	Agricultural	9000000084	3/29/14
South Platte	Lower South Platte Water Conservancy District	Lower South Platte Water Cooperative Organizational Analysis	Sep-10	\$60,977	\$200,000	\$260,977	Agricultural	C150476	6/30/13
South Platte	Ducks Unlimited, Inc.	Development of Decision Support Model for Identifying & Ranking Waterflow and Wildlife Related Recharge Projects along the South Platte River	Sep-10	\$0	\$85,421	\$85,421	Nonconsumptive	OE121BC000023	6/30/13
South Platte	Division of Water Resources	Alluvial Aquifer Accretion/Depletion Analysis Tool	Mar-11	\$0	\$200,000	\$200,000	Other	CC154209	5/31/14
South Platte	Ducks Unlimited, Inc.	South Platte River Phreatophyte Control Pilot	Sep-11	\$35,000	\$30,000	\$65,000	Nonconsumptive	131BC000004	8/31/14
South Platte Basin Total Request				\$158,071	\$1,420,909	\$1,578,980			
Number of Projects				7					
South Platte/Metro	The Greenway Foundation	South Platte River Recreation and Habitat Improvement Preliminary Design	Sep-11	\$75,000	\$300,000	\$375,000	Nonconsumptive	C150493	6/28/13
South Platte/Metro Basin Total Request				\$75,000	\$300,000	\$375,000			
Number of Projects				1					
Southwest	La Plata Archuleta Water District	La Plata Archuleta Water District Permitting	Sep-09	\$0	\$400,000	\$400,000	Municipal & Industrial	C150459	6/30/13
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Canal Seepage Reduction Program	Sep-10	\$0	\$775,000	\$775,000	Agricultural	C150475	6/30/13
Southwest	Aspen Springs Metro District	Aspen Springs Metro Water Filling Station	Nov-10	\$0	\$0	\$0	Municipal & Industrial	131BC000002	7/31/13
Southwest	La Plata Water Conservancy District	La Plata River Water Resources Operations Model	Mar-11	\$0	\$148,823	\$148,823	Agricultural	C150477	1/31/13
Southwest Basin Total Request				\$0	\$1,323,823	\$1,323,823			
Number of Projects				4					
Yampa/White	Town of Yampa	Town of Yampa Water Facilities Plan and storage tank upgrades	Sep-08	\$61,062	\$0	\$61,062	Municipal & Industrial	9000000090	6/30/13
Yampa/White	Bear River Reservoir Company	Siltwater Reservoir Seepage Project	Sep-09	\$189,000	\$0	\$189,000	Agricultural	C150469	8/20/15
Yampa/White	Yellow Jacket Water Conservancy District	Yellow Jacket Water Storage Feasibility Study	Jan-10	\$220,800	\$0	\$220,800	Agricultural	C150472	6/30/13
Yampa/White	Colorado Climate Center-CSU	Improvement of Lysimeter Operations and Consumptive Use Quantification in High-Altitude, Irrigated Meadows in the Yampa/White Basin	Sep-10	\$10,000	\$10,978	\$20,978	Agricultural	11000000058	6/30/15
Yampa/White	Moffat County	Yampa/White Basin Projects and Methods Analysis	Mar-11	\$0	\$0	\$0	Other	C150481	12/31/12
Yampa/White	The Friends of the Yampa	Yampa River Structures Project	Sep-11	\$50,000	\$0	\$50,000	Nonconsumptive	131BC000006	12/31/13
Yampa/White Basin Total Request				\$530,862	\$10,978	\$541,840			
Number of Projects				6					

COLORADO WATER CONSERVATION BOARD**FINANCIAL ACTIVITY REPORT****FOR FISCAL YEAR 2013****CONSTRUCTION FUND**

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2012	\$ 1,264,544	\$ 929,887	\$ 2,194,431	\$ -	\$ 2,194,431
August 2012	\$ 654,438	\$ 271,976	\$ 926,414	\$ 280,528	\$ 645,885
September 2012	\$ 1,101,172	\$ 161,681	\$ 1,262,854	\$ 298,153	\$ 964,701
October 2012	\$ 852,986	\$ 1,445,259	\$ 2,298,245	\$ 416,085	\$ 1,882,160
November 2012	\$ -	\$ -	\$ -	\$ -	\$ -
December 2012	\$ -	\$ -	\$ -	\$ -	\$ -
January 2013	\$ -	\$ -	\$ -	\$ -	\$ -
February 2013	\$ -	\$ -	\$ -	\$ -	\$ -
March 2013	\$ -	\$ -	\$ -	\$ -	\$ -
April 2013	\$ -	\$ -	\$ -	\$ -	\$ -
May 2013	\$ -	\$ -	\$ -	\$ -	\$ -
June 2013	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2013 Totals	\$ 3,873,140	\$ 2,808,803	\$ 6,681,943	\$ 994,767	\$ 5,687,177

SEVERANCE TAX TRUST FUND PERPETUAL BASE ACCOUNT

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2012	\$ 199,931	\$ 229,227	\$ 429,158	\$ 17,384	\$ 411,773
August 2012	\$ 217,711	\$ 225,787	\$ 443,499	\$ 791,960	\$ (348,461)
September 2012	\$ 528,304	\$ 39,337	\$ 567,641	\$ 7,187	\$ 560,454
October 2012	\$ 487,865	\$ 401,223	\$ 889,089	\$ -	\$ 889,089
November 2012	\$ -	\$ -	\$ -	\$ -	\$ -
December 2012	\$ -	\$ -	\$ -	\$ -	\$ -
January 2013	\$ -	\$ -	\$ -	\$ -	\$ -
February 2013	\$ -	\$ -	\$ -	\$ -	\$ -
March 2013	\$ -	\$ -	\$ -	\$ -	\$ -
April 2013	\$ -	\$ -	\$ -	\$ -	\$ -
May 2013	\$ -	\$ -	\$ -	\$ -	\$ -
June 2013	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2013 Totals	\$ 1,433,811	\$ 895,575	\$ 2,329,386	\$ 816,531	\$ 1,512,854