



COLORADO WATER CONSERVATION BOARD

DIRECTOR'S REPORT

MAY 2014

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: James Eklund
Meg Dickey-Griffith
CWCB Staff

DATE: May 21-22, 2014

SUBJECT: **Agenda Item 6d**, May 2014 CWCB Board Meeting
Director's Report

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

James Eklund
CWCB Director

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~INTERSTATE AND FEDERAL~

GLEN CANYON DAM ADAPTIVE MANAGEMENT WORK GROUP (“AMWG”) AND TECHNICAL WORK GROUP (TWG) MEETINGS— The Glen Canyon Dam Technical Work Group (TWG) held its annual spring meeting , on April 8-9, 2014 in Phoenix, Arizona. This TWG meeting was used to prioritize budget requests. In addition, the TWG and the AMWG both are exploring moving from a two year budget cycle process to a three year budget cycle process. The TWG will continue to develop the budget over the next six months, for the AMWG’s consideration at the August, 2014 meeting. The next AMWG meeting will occur in the last week of August, 2014 in Flagstaff, Arizona. The key topics of this meeting will be the budgeting process, the Long Term Experimental and Management Plan (LTEMP), the proposed hydrograph, and the prospects for another fall High Flow Experiment (HFE). *(Ted Kowalski)*

COLORADO RIVER BASIN STUDY, NEXT STEPS—The three workgroups (municipal & industrial conservation and reuse, agricultural conservation and transfers, and environmental and recreational flows) continue to meet and develop data and information for the reports on their respective subject matters. The U.S. Bureau of Reclamation M&I Water Conservation workgroup met again on April 16 in Salt Lake City. The main action items that resulted from the meeting are below:

- Reviewed and developed highlighted water conservation and reuse programs
- Developed opportunities and challenges for water conservation in breakout groups
- Next Meeting: in person in Albuquerque May 30 or June 2 *(Kevin Reidy)*

The workgroups will be reviewing draft reports within the next couple of months, and the reports are still scheduled to be published in the summer of 2014. *(Ted Kowalski and Kevin Reidy)*

MINUTE 319 IMPLEMENTATION—As we discussed at the March Board meeting, the United States submitted a draft Delivery Plan for Environmental Flows to the Colorado River to the IBWC on January 14, 2014. As provided in Minute 319, the Colorado River Basin States had substantial input on the draft delivery plan through the Consultative Council. The pulse flow began at the end of March, 2014 and Director McClow and Director Eklund were able to attend the event. In addition, the other work groups that were set up through Minute 319 (hydrology, pilot projects, All American Canal) continue to meet to implement the terms of Minute 319. The next meeting is scheduled for late May, 2014. While progress within these groups is occurring, no major milestones within these workgroups have occurred recently. *(Ted Kowalski)*

GLEN CANYON DAM, LONG TERM EXPERIMENTAL AND MANAGEMENT PLAN (LTEMP)—The Bureau of Reclamation (BOR) and the National Park Service (NPS) are still developing the models to evaluate the alternatives for Glen Canyon Dam operations under this EIS process. The modeling results were shared with the Colorado River basin states and the other AMWG representatives at a meeting on March 31-April 1, 2014, in Phoenix, Arizona. The co-lead agencies also went ahead with a Structured Decision Making analysis and a swing weighting exercise to help evaluate the alternatives. Colorado and the other basin states, with the exception of Arizona, chose not to participate in the swing weighting exercise. Attached to this director’s report is a letter that most of the basin states sent in lieu of participating. *(Ted Kowalski)*

ESTEVAN LOPEZ NOMINATED AS COMMISSIONER OF THE BUREAU OF RECLAMATION—Estevan Lopez, the Director of the Interstate Stream Commission for the State of New Mexico, was nominated to be the next Commissioner of the Bureau of Reclamation. Colorado is very supportive of this nomination, and we are looking forward to a speedy confirmation process. *(Ted Kowalski)*

COLORADO RIVER WATER USE—As of March 31, 2014, the Lake Mead water level was at 1102 feet with 11.91 million acre-feet (MAF) of storage, or 46% of capacity, while the Lake Powell water level was at 3575 feet with 9.50 MAF of storage, or 39% of capacity. Total system active storage as of March 31 was 28.19 MAF, or 47% of capacity, which is 3.69 MAF less than one year ago when system storage was 53% of capacity. *(Andy Moore)*

~STATEWIDE~

GROUND WATER COMMISSION MEETING—The Ground Water Commission (GWC) did not hold a meeting since the last CWCB meeting. The next regularly scheduled meeting is May, 16, 2014 in Castle Rock, CO. For more information on the GWC visit: <http://water.state.co.us/groundwater/CGWC/Pages/default.aspx>. *(Suzanne Sellers)*

RECOVERY MAPPING UPDATE—CWCB has met with communities in Larimer, Boulder, and Weld Counties to obtain post-flood mapping needs. The communities expressed concerns that the floodplain maps need to reflect current conditions in a timely manner. There are still many streams and waterways that have no floodplain mapping available, which is making the recovery and rebuilding efforts difficult at the local level.

The Staff's intent with the recovery mapping is to provide these communities with approximate floodplain delineations they can use immediately to guide them in their rebuilding efforts but robust enough to meet FEMA's mapping standards for approximate floodplain delineations.

Automated methods were used to produce the recovery mapping. This methodology has been used in several other western states and has been proven to yield quality products in a timely manner and at a reasonable cost.

The recovery mapping is based on the post flood LiDAR data collected by FEMA. However, FEMA did not process all of the LiDAR data that was flown. There are locations within the recovery mapping limits that still need processed LiDAR data. This additional step of processing the data was completed by CWCB's mapping contractor. The recovery mapping products were completed at the beginning of April and have been available to local communities as well as other state and federal agencies.

The recovery mapping information can currently be found at <ftp://gisftp02.state.co.us>. User name is "gisdata2|anonymous". The password is your email address. There are plans to transfer this data to another site that will be a graphical site so users can see the reaches on a map and click on the reach of interest and download the data. *(Thuy Patton)*

FLOODPLAIN MAP MODERNIZATION/RISK MAP UPDATE—

FY14 Activities: Three consulting firms were selected for the Risk Map Program: AMEC, URS, and Atkins Global. This will be a five year contract and we anticipate the new contracts will be in place mid May 2014.

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

FY12 Activities: Hydrologic modeling and field survey tasks have been submitted and approved for Purgatoire watersheds. The field survey and hydrologic tasks were approved for the Cache La Poudre watershed. The City of Fort Collins will be surveying several bridges and culverts this spring and this data will be used in the hydraulic modeling.

FY11 Activities: Hydrology tasks for St. Vrain and Clear Creek watersheds have been approved. The scope of work for the St. Vrain watershed will be revised to include areas that were impacted by the flood. The LiDAR data for Clear Creek will not be processed until May 2014. Clear Creek is currently on hold and we may postpone work until the LiDAR data is completed.

FY10 Activities: Work is underway for Chaffee, Logan and Pitkin Counties. Preliminary mapping for Pitkin County is complete. The floodway delineation along Redstone is complete and the County has approved the preliminary mapping. CWCB is awaiting final approval of the preliminary mapping by FEMA before scheduling a final meeting with the communities. The preliminary mapping for Logan County is in final review with FEMA. A meeting was held in late March with the County commissioners and other officials. The preliminary mapping products are now underway for Chaffee County.

FY09 Activities: The Morgan County DFIRM is underway and will not include remapping the Town of Wiggins levee. The Prowers County DFIRM floodplain mapping tasks have been completed. Preliminary floodplain mapping is scheduled to be distributed this summer 2014.

FY08 Activities: Montrose County DFIRMs became effective on January 6, 2012. The Elbert County and Rio Grande County DFIRMs are now effective. Gunnison County DFIRMs became effective on May 16, 2013. The Pueblo County DFIRM scope of work has been altered to a Seclusion DFIRM. The FEMA grant has been extended to September 2013 to complete the project to the preliminary phase. The Fountain Creek hydrology has been approved and most of the hydraulic analyses and floodplain mapping has been completed in the County. The Pueblo County Arkansas River Levee floodplain study is in progress, finalization is still progressing.

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

FY 06 Activities: Weld County Preliminary DFIRMs were sent to the communities for review at the end of May 2013. A final meeting was held at the end of July 2013. The Appeal period for Weld County is anticipated to start this summer 2014. A meeting with the County commissioners is scheduled for mid May 2014. Fremont County DFIRMs became effective on January 6, 2012. Clear Creek County has gone effective July 17, 2012.

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

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

~COLORADO RIVER BASIN~

UPPER COLORADO RIVER WILD AND SCENIC STAKEHOLDER GROUP—The Bureau of Land Management (BLM) Kremmling Field Office released the Proposed Resource Management Plan (RMP)/Final Environmental Impact Statement (EIS) on March 21, 2014 and the Colorado River Valley Field Office released the Proposed RMP/Final EIS on March 24, 2014 with both the Records of Decision (RODs) expected out in September 2014. The joint BLM and US Forest Service (USFS) Final Wild and Scenic Rivers Suitability Report (Suitability Report) was released with each of the BLM's RMP/EISs. The USFS White River National Forest also issued a Draft ROD for adoption of the Suitability Report on April 7, 2014.

The Upper Colorado River Wild and Scenic Stakeholder Group (Stakeholder Group) held its regular meeting on March 21, 2014 in Summit County and its next regular meeting is scheduled for May 15, 2014 at the same location. The Stakeholder Group meeting included approval of 2014 Intercept Survey forms, the 2012 Annual Monitoring Report, and a suite of conceptual flow definitions. The meeting also included a discussion on finances and updates by the various workgroups. The Stakeholder Group also sent a letter to the BLM and USFS on May 1, 2014 with comments and a request for clarification on the RMP/EISs and the Suitability Report. For more information, see the following link: <http://www.upcowildandscenic.com> (*Suzanne Sellers*)

~PLATTE RIVER BASIN~

PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM—The Platte River Recovery Implementation Program (PRRIP) Governance Committee (GC) held its regular meeting on March 11-12, 2014 in Kearney, NE. The primary agenda items included discussion of the State of the Platte Report, peer review and publication manuscript development procedures, biannual milestones report, Environmental Account Annual Operating Plan and routine reports. Other agenda items included approval of the Pathfinder lease score, a sole-source modeling contract, annual inflation indexing and various land acquisition/land disposal related transactions. CWCB staff also participated in Independent Science Advisory Committee (ISAC) and Water Advisory Committee (WAC) meetings. The next Governance Committee

meeting will be held on June 10-11, 2014 in Cheyenne, WY. For more information, please visit: <http://www.platterriverprogram.org/Pages/default.aspx>. (*Suzanne Sellers*)

CITY OF BOULDER REPORT ON BOULDER CREEK ISF PROGRAM FOR WATER YEAR 2013—In February 2014, the City of Boulder provided its 2013 water year annual report to the CWCB, describing its operations under the July 20, 1990 Agreement between the City and CWCB by which the City donated various water rights to the CWCB for instream flow use on Boulder Creek. Water available to the CWCB for instream flow use under the Agreement supplemented the CWCB's instream flow water rights in the reach of Boulder Creek between the Orodell gage and 75th Street from November 1, 2012 through April 30, 2013, and from August 1, 2013 through September 9, 2013; and in two reaches on North Boulder Creek from November 1, 2012 through April 30, 2013. The CWCB used approximately 1,973 acre-feet of donated water from the City for instream flow use. The City leased 21.8 acre-feet of water generated by its operations under the Agreement to users downstream of the CWCB's instream flow reach in Water Year 2013. (*Linda Bassi*)

CHATEFIELD RESERVOIR REALLOCATION PROJECT UPDATE—On April 11, 2014 the Headquarters office of the U.S. Army Corps of Engineers in Washington, D.C. sent an official memorandum to the Assistant Secretary of the Army (Civil Works) recommending approval of the Feasibility Report/Environmental Impact Statement (FR/EIS) and the Record of Decision (ROD) for the proposed Chatfield reallocation project. The memo further states that the reallocation project is both feasible and economically justified. This action is a key step in authorizing the project consistent with Section 808 of the 1986 Water Resources Development Act. The selected plan in the FR/EIS is alternative 3, which is reallocation of 20,600 acre-feet of existing storage space in the federal reservoir. A copy of the entire memo (commonly referred to as a Director's Report) can be found online at: <http://cwcb.state.co.us/water-management/waterprojectsprograms/Documents/ChatfieldReallocation/SupportingDocuments/Chatfield%20ReallocationDirectorsMemoStockton.pdf> (*Tom Browning*)

~SAN JUAN/MIGUEL-DOLORES RIVER BASIN~

RIVER PROTECTION WORKGROUP—The River Protection Workgroup (RPW) Steering Committee held its last regular meeting on March 13, 2013. The RPW Steering Committee's next meeting is scheduled for May 16, 2013 in Durango, CO. The Steering Committee is currently engaged in negotiations and development of consensus approaches for the protection of the five rivers and specific outstanding remarkable values (ORVs) in the San Juan River basin. The Wilderness Society and San Juan Citizen's Alliance are expected to bring a new proposal to the group as part of negotiations at the next meeting. The Hermosa Creek Watershed Protection Act (HR1839) was heard in Committee and it is a high priority for Rep. Tipton to get a vote on the bill this spring. For more information, see the following link: <http://ocs.fortlewis.edu/riverprotection>. (*Suzanne Sellers*)

~AGENCY UPDATES~

COMMUNITY ASSISTANCE PROGRAM UPDATES—CWCB has partnered with the Colorado Association of Stormwater and Floodplain Managers, FEMA Region VIII, and the

Association of State Floodplain Managers to bring the Emergency Management Institute's "Managing Development through the National Flood Insurance Program" course to Colorado. The first course was held March 10-13th at the Weld County Southwest Services Center and after the maximum enrollment of 30 people was quickly reached, a second course was added for April 28 – May 1st. The second course was held at the Jefferson County Administration Building, and it was also full. The course provided an organized training opportunity for local officials responsible for administering local floodplain management regulations. The course focused on the National Flood Insurance Program and concepts of floodplain management, maps and studies, ordinance administration, and the relationship between floodplain management and flood insurance. The Certified Floodplain Manager exam was offered on the Friday after each course. (Jamie Prochno)

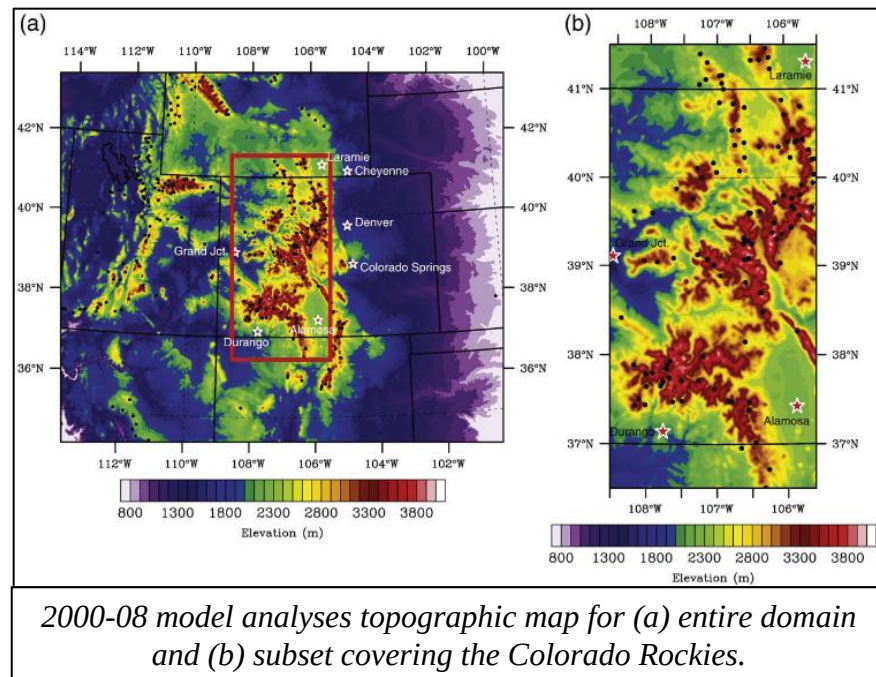
CLOUD SEEDING UPDATE—

NCAR Modeling Study: CWCB and the Front Range Water Council hired the National Center for Atmospheric Research (NCAR) in Boulder to do an evaluation study of the Central Mountains seeding program. The study is using an 8-year climatology from a numerical model analyses developed by Ikeda et al (Atmos. Res., 2010) for a number of Colorado River

Headwaters studies, including current water resource management, effects of land use changes, and climate change scenarios. The model analyses have undergone extensive validation and are well-suited for analyzing cloud seeding potential. While the evaluation study is still ongoing, early results using specific criteria (temperature, stability, winds) have shown some interesting spatial variability in seeding potential, i.e. "hotspots".

High-resolution modeling of specific storms are planned to show how seeding plumes affect the "hotspot" climatology. Such studies can provide meaningful evaluations for planning and execution of programs, and continuation of this methodology to evaluate other areas in Colorado is recommended.

Radiometer in San Juan Mountains: The CWCB and Southwestern Water Conservation District leased and deployed a radiometer near Mesa Verde for the month of April to help guide seeding decisions. A radiometer is a small but powerful mobile instrument similar to radar, but it is a passive device that takes in atmospheric information, and helps build vertical profiles of



useful information. It is very useful for cloud seeding. Radiometers see liquid water well, and radars do not, and they give the same temperature and humidity as weather balloons plus liquid water content with data that is updated continuously.

The conceptual explanation for seeding is that there is a natural efficiency in clouds, but there is also often excess liquid water not being converted into natural precipitation, and silver iodide is used to squeeze out the excess moisture.

Without radiometers we often just seed the whole storm or infer cloud conditions from models and ground instruments.



The CWCB has rented one for the Gunnison Program spring 2013 season and for the San Juan Mountains in spring 2014. Purchasing and deploying radiometers in seeding target areas is recommended. Left in a region over winter, storm climatology can be developed and inform how and where liquid water tracks through the region. This data helps us understand where mountain meets cloud and how to get at the liquid water in a region when it comes from several different directions. The instrument can then be moved to other regions after that data set is built and shared among programs. They will give us greater confidence in weather modification programs and save money by guiding operations to only seed when it will be effective. Radiometers cost about \$175,000 and the CWCB and Lower Basin States could investigate lease and lease-to-own options.

May 15th Cloud seeding Workshop: CWCB and Southwestern Water Conservation District are organizing a weather modification workshop in Durango at the Durango Community Center on May 15th. Presentations at the workshop will be provided the states of Utah and Texas, along with the National Center for Atmospheric Research and others. Results from a target control analysis and a cloud seeding effectiveness study will be provided. If interested in attending this workshop contact Laura Spann at Southwestern WCD or Joe Busto of the CWCB. (*Joe Busto*)

FLOODPLAIN RULES AND REGULATIONS UPDATE—The State of Colorado, through CWCB action in November 2010, adopted increased standards for floodplain management. These standards are contained in the Rules and Regulations for Regulatory Floodplains in Colorado (Rules), effective January 14, 2011. Communities were provided with a three-year transition period to adopt local regulations consistent with the Rules. Through sound floodplain management practices, these standards support enhanced public health, safety and welfare and will help communities reduce future flood risk to people and property. Now, more than ever, Coloradoans are aware of the devastating impacts of major floods. The CWCB effective floodplain standards can help Colorado community leaders find ways to build stronger, smarter, and safer. To date, 170 communities provided documentation to staff of adoption of regulations that are consistent with the Rules, and the Staff also reviewed 51 drafts of proposed regulations. 26 communities are not required to update their local regulations because of a lack of flood risk data provided by FEMA. In total, 98% of Colorado communities are working collaboratively

with staff to adopt and implement the Rules. Staff has found that many communities have completed the update but have not sent final documentation to CWCB, so a focus of outreach has been to clearly communicate and gather necessary documentation. In addition, the Staff has scheduled meetings to occur this month with communities in southwestern Colorado that need to complete the update. *(Jamie Prochno)*

FLOOD HYDROLOGY UPDATES—The CWCB Staff partnered with the Colorado Department of Transportation to produce updated flood hydrology analyses in the primary watersheds affected by the 2013 floods. These include the Big Thompson River, the Little Thompson River, the St. Vrain River, Lefthand Creek, Boulder Creek, Coal Creek (all to the canyon mouths), and the South Platte River between Denver and Greeley. In many of these watersheds, flood hydrology has not been updated in over thirty years.

As of May 5th, analyses are complete in draft form for all watersheds except the South Platte River. Following an extensive internal review process, results from these analyses will be presented to affected communities, who are being asked to review and provide feedback for final revisions. Following this community review, it is anticipated that final reports will be available by July.

CDOT is extending these studies to ultimately model the tributary streams to their confluences with the South Platte River and model the South Platte River to the Nebraska state line. Draft results for these extended reaches are anticipated to be available in summer 2014.

Although the primary purpose of the studies was to support road and bridge design for CDOT during the flood recovery, results from these hydrologic analyses can be used by local communities for future floodplain mapping updates if the communities would like to use them. These mapping updates can use detailed topographic information developed following the flood to represent post-flood physical conditions. *(Kevin Houck)*

FOWLER PILOT PROJECT WORKSHOP—During the 2013 legislative session, the General Assembly enacted HB13-1248 to provide for fallowing-leasing pilot projects. The CWCB subsequently adopted Criteria and Guidelines for the pilot projects during its November 2013 Board meeting. Shortly thereafter, the CWCB received an application for selection and approval of a pilot project for the Town of Fowler. That application was voluntarily withdrawn by the applicants earlier this year. In order to discuss the Fowler application and constructively apply lessons learned for the benefit of future pilot project submittals, the CWCB is hosting an informal workshop on June 5, 2014 in Denver. It will be from 9:00 am to Noon at 1313 Sherman Street, Room 318. RSVPs are not required. Those who attend the workshop in person may actively participate in all of the discussions. Live audio of the entire workshop via telephone connection will be made available for those who wish to listen. *(Tom Browning)*

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.

Two grant applications were received, considered & reviewed since the March 2014 Director's Report

- **Keystone Center** – Land Use Planning & Water Nexus Meetings
- **Cherokee Metropolitan District** – Water Conservation Plan Update
- **Mount Crested Butte Water & Sanitation District/Skyland Metropolitan District** – Water Conservation Plan

Five grants were approved since the last Board meeting:

- **Town of Firestone** – Water Conservation Plan Update (\$31,703.88)
- **Green Legacies/Water Returns** – Residential Landscaping Evaluations & Reporting Project (\$29,900)

The following are deliverables sent to the CWCB since the March 2014 CWCB Board Meeting:

- **City of Aurora** – GIS Mapping Project – *75% Progress Report*
- **City of Ouray** – Water Conservation Plan – *75% 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:

Drought Management Plans:

Plans in review:

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

Water Efficiency Plans:

Approved Plans:

- **Monument, Palmer Lake and Tri-View Metro District**-This regional plan review is done and CWCB staff approved it on 3/4/14.
- **City of Englewood**- This plan was approved on 5/2/14

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.

- **Snowmass Water and Sanitation District**
- **Town of Ouray**

Water Efficiency Plans in review:

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

GOVERNOR'S WATER AVAILABILITY TASK FORCE—The next Water Availability Task Force will meet on May 16, 2014 from 9:30 am-12 noon at the Colorado Parks & Wildlife Headquarters, 6060 Broadway, Denver, CO in the Bighorn Room. Please check the website for additional information. (<http://cwcb.state.co.us/public-information/flood-water-availability-task-forces/Pages/main.aspx>) *(Ben Wade)*

WATER CONSERVATION TECHNICAL ADVISORY GROUP (WCTAG) UPDATE—The WCTAG has not met since December but will reconvene in June to discuss the water conservation section of Colorado's Water Plan. *(Kevin Reidy)*

1051 REPORTING WEB PORTAL UPDATE—The online 1051 reporting web portal is now available for covered entities to use and enter data. The website is www.cowaterefficiency.com and users can log on and have an account created for their respective entity to enter conservation data. CWCB staff sent out emails to all covered entities in early February and early April to inform them about logging in to the site and creating accounts. Staff will send out another reminder in early May and early June. Staff will work to send out a similar email to non-covered entities and encourage them to submit data to help improve statewide planning efforts. As of the date of this report, approximately 30 entities have requested accounts. *(Kevin Reidy)*

DROUGHT UPDATE—Snow pack ranges from 19 % of average in the Arkansas Basin to 121% in the Colorado Basin. Statewide snowpack is 92% of average as of May 5, 2014. The northern half of the state is forecasted to have average to above average streamflow whereas the southern half of the state is forecasted to have below average streamflow. 36% of the state is no longer in any drought classification and of the 64% that is classified, the majority of that (34%) is D0, or abnormally dry. This covers most of the western slope, a portion of the northeast of Colorado and some of the south central part of the state. Almost 11% of Colorado is experiencing D1 (moderate) conditions on the eastern slope and in the southwest corner. The central eastern plains along the border of Kansas and the four corners area are experiencing drier conditions (D2) while the Arkansas Basin continues to be the driest region of the state with all of the D3 (extreme) and D4 (exceptional) lingering in the area and centered primarily on the counties of Crowley, Kiowa, Otero, Cheyenne, Prowers and Bent. This area of the state has experienced sustained drought conditions for over three years. *(Ben Wade)*

CWCB PARTICIPATES IN ANNUAL REGIONAL WATER FESTIVALS—The CWCB is scheduled to participate in five Children's Water Festivals throughout the State of Colorado. These regional water festivals will be attended by thousands of 4th, 5th and 6th graders. CWCB

staff has put together a presentation focused on the Colorado Water Plan, discussing the water challenges the state faces, what is currently being done and how as a classroom can get involved in the statewide plan by submitting feedback through www.coloradowaterplan.com. The students will also learn ways they can use water more efficiently at home and will receive washable water droplet tattoos and removable window stickers. Festival dates and locations are as follows:

- April 30 – Greeley, Island Grove Regional Park
- May 14 – Boulder, University of Colorado
- May 15 – Aurora, Community College of Aurora
- May 19-20 – Grand Junction, Colorado Mesa University
- May 21 – Denver, Metro State University of Denver (*Ben Wade*)

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April 18, 2014

VIA U.S. MAIL AND EMAIL

Mr. Glen Knowles
Bureau of Reclamation
Upper Colorado Regional Office
125 South State Street, Room 6107
Salt Lake City, UT 84138-1147
gknowles@usbr.gov

Mr. Rob Billerbeck
National Park Service
12795 W. Alameda Pkwy.
Lakewood, CO 80228
rob_p_billerbeck@nps.gov

**Re: Glen Canyon Dam Long Term Experimental and Management
Plan; Structured Decision Analysis and Swing-Weighting
Exercise**

Dear Mr. Knowles and Mr. Billerbeck:

The undersigned States of Colorado, Nevada, New Mexico, Utah, and Wyoming, the Colorado River Board of California, and the Upper Colorado River Commission (collectively referred to herein as the “Stakeholders”) have closely followed and actively participated in the National Park Service and Bureau of Reclamation’s development of the Environmental Impact Statement for the Glen Canyon Dam Long Term Experimental and Management Plan (LTEMP EIS), including the Structured Decision Analysis (SDA) process. We wish to express our sincere appreciation for the hard work and dedication of you and your colleagues in the same. We also appreciate being invited to participate in the voluntary swing-weighting exercise the Department of the Interior is currently conducting. However, for various reasons, the Stakeholders have decided not to participate in the exercise.

Overall, the Stakeholders are satisfied that the Resource Targeted Condition-Dependent (RTCD) alternative adequately identifies, communicates, and supports our preferences. As you are aware, the RTCD alternative was developed by the Colorado River Basin states through a deliberative process guided by subject-matter science experts that considered and weighed the flow and non-flow actions that could be implemented to protect and improve conditions of the natural and cultural resources below Glen Canyon Dam consistent with the Law of the River. The RTCD alternative includes a comprehensive experimental science design element that is intended to test the efficacy of management actions and address uncertainties. The RTCD alternative reflects the Stakeholders’ individual and collective

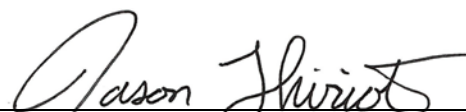
April 18, 2014

responsibilities and values, and the results of the recent modeling exercises performed by Argonne National Laboratory reconfirm our strong support and preference for the RTCD alternative. The Stakeholders look forward to continuing to work with you and other interested parties to complete the LTEMP EIS.

Sincerely,



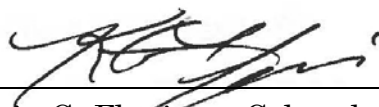
Don A. Ostler, Executive Director,
Upper Colorado River Commission



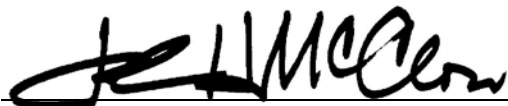
Jason L. Thiriot, Natural Resources
Analyst, Colorado River Commission
of Nevada



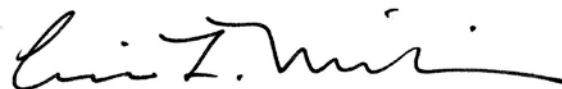
Christopher S. Harris, Deputy
Director, Colorado River Board of
California



Kevin G. Flanigan, Colorado River
Bureau Chief, New Mexico Interstate
Stream Commission



John H. McClow, Governor's
Representative, State of Colorado



Eric L. Millis, P.E., Director, Utah
Division of Water Resources



Colby N. Pellegrino, Colorado River
Program Manager, Southern Nevada
Water Authority



Steve Wolff, Colorado River
Coordinator, Interstate Streams
Division, State of Wyoming

cc: Lori Caramanian, Deputy Assistant Secretary, U.S. Dept. of the Interior
Robert Snow, Office of the Solicitor, U.S. Dept. of the Interior

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. Loan Marketing
Finance & Administration Section

DATE: May 9, 2014

SUBJECT: **Directors Report, May 21-22, 2014 Board Meeting**
Finance– Current Prequalified Project List and Loan Prospect Summary

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

James Eklund
CWCB Director

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

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

Prequalified Project List

BORROWER	PROJECT NAME	APPLICATION DATE	BASIN	PROJECT DESCRIPTION	PROJECT COST	LOAN AMOUNT
Previously Approved Applications						
Donald Shahan	Crowley Dam Rehabilitation	May 1, 2013	San Juan / Dolores	This project involves the replacement of the outlet pipe and spillway repair at Crowley Reservoir.	\$260,000	\$234,000
Totals					\$260,000	\$234,000

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

LOAN PROSPECTS

Basin	Last Contact	BORROWER	PROJECT NAME	PROJECT COST	LOAN AMOUNT
South Platte					
	11-Jan	East Larimer County Water District	Rigdon Storage Project		\$3,000,000
	11-Oct	NISP Participants	NISP		\$30,000,000
	11-Dec	Pinehurst Country Club	Harriman Reservoir	\$5,000,000	\$500,000
	12-Feb	McKay Lateral	Ditch Lining Project		\$50,000
	12-Jun	Foothills Park & Recreation	Reservoir Expansion	\$10,000,000	\$900,000
	12-Oct	Shamrock Irrigation Company	Reservoir Rehabilitation		\$100,000
	13-Dec	Julesburg Irrigation District	Flume Repair		\$150,000
	13-Dec	Harry Lateral Ditch Company	Ditch Lining Project		\$70,000
				TOTAL	\$34,770,000
Arkansas					
	11-Sep	Ditch and Reservoir company	Big Johnson Reservoir		\$8,000,000
	12-Oct	Highline Canal Company	Water Rights Purchase	\$4,500,000	\$4,100,000
	12-Feb	Colorado City Metro District	Beckwith Dam Repair		\$500,000
	13-Apr	City of Walsenburg	Reservoir(s) Rehabilitation		\$6,000,000
	13-Dec	Stonewall Springs, LLC	Reservoir Construction	\$6,000,000	\$5,500,000
	13-Nov	Two Rivers Water & Farming	Augmentation Project		\$1,000,000
	14-Feb	Colorado Springs Flycasting Club	Reservoir Rehabilitation		\$450,000
	13-Nov	Zinno Water	Water Acquisition		\$1,200,000
				TOTAL	\$26,750,000
San Miguel/Juan					
	11-Feb	City of Ouray	Red Mountain Ditch Rehabilitation	\$200,000	\$200,000
				TOTAL	\$200,000
Colorado					
		Highland Ditch Co	Ditch Rehabilitation Project	\$200,000	\$200,000
		Ian Carney - Felix Tornare	Polaris Reservoir Rehabilitation	\$500,000	\$500,000
				TOTAL	\$700,000

Gunnison					
	12-Oct	Fire Mountain Canal & Reservoir Co.	New Reservoir		\$500,000
	13-Sep	West Reservoir Ditch Company	Reservoir Rehabilitation		\$500,000
	14-Feb	Shavano Falls Hydro	Hydroelectric Project	\$7,500,000	\$6,750,000
				TOTAL	\$7,750,000
Rio Grande					
	13-Jun	Manasa Land & Irrigation Co.	Ditch Rehabilitation		\$1,000,000
				TOTAL	\$1,000,000
Yampa					
	13-Dec	R Lazy J Ranch	New Reservoir and Diversion Structure Rehab	\$1,000,000	\$750,000
				TOTAL	\$750,000
				TOTAL	\$71,920,000

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

Recent inquiries:

Gaynor Lakes HOA - Dredging Project

Thompson - Epperson Ditch Company - Ditch Rehabilitation Project

Bow Mar Water and Sanitation District - Water Meter Replacement Project

Upper Platte and Beaver / Deuel and Snyder Canal Company - Diversion Dam Replacement

West Reservoir and Ditch Company - Dam Rehabilitation

Colorado Trout Group - Reservoir Rehabilitation

Baca Grande Water and Sanitation District - Water Rights Purchase

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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Fax: (303) 866-4474
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TO: Colorado Water Conservation Board Members

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

DATE: May 9, 2014

SUBJECT: **Directors Report May 21-22, 2014 Board Meeting
Design & Construction Status Report**

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

James Eklund
CWCB Director

The CWCB Loan Program has Substantially Completed six (6) projects in Fiscal Year 2013/2014 as shown in Table 1. There are currently 55 projects authorized to receive loan funding totaling \$195 million. There are 47 projects currently under contract and in the Design and Construction phase totaling \$122 million. There are an additional twenty (21) Emergency Loans approved totaling \$18.5 million shown under a separate report.

The attached spreadsheet summarizes the status of the projects. A detailed description about each project is provided in the digital version of the Director's Report.

TABLE 1

	Borrower	Project	County	Loan	Complete
1	New Salida Ditch Co	Ditch Rehabilitation	Chaffee	\$365,620	8/1/13
2	La Veta, Town of	La Veta Dam Rehabilitation	Huerfano	\$372,690	9/1/13(a)
3	Union Ditch Co	Well Augmentation Project	Weld	\$312,595	12/1/13
4	Platte Valley Irr. Co.	Equalizer Reservoir Project	Weld	\$2,388,650	12/1/13(b)
5	North Delta Irr. Co.	NDIC Tunnel Repair Project	Delta	\$808,000	4/1/14
6	Ordway Feedyard, LLC	Raw Water Line Extension Project	Crowley	\$2,116,564	4/1/14
		Total		\$22,305,000	

Fiscal Year 2013/2014 has added or preserved 448AF of reservoir storage [(a) 17AF, (b) 431AF]

Colorado Water Conservation Board

Water Project Loan Program

Project Design Construction Status Report

Status Description/Update

Current Projects in Design or under Construction

Borrower/Project

County

Amount Status

Loan Design Construction

Start/End

Status

PM

1	Bellyache Ridge Metro District > Well Replacement Project C150356	Eagle	\$169,175	0%	00 - 00	0%	AM	
2	Bergen Ditch & Reservoir Company > Bergen Reservoir No. 2 Rehabilitation C150344	Jefferson	\$2,020,000	60%	2014 - 2015	0%	JH	Project is in final design phase.
3	Boulder & Lefthand Irrigation Company > Tracy Lateral Pipeline C150357	Boulder	\$202,000	100%	Nov 13 - Jul 14	50%	JH	Borrower received a loan increase to cover construction per bids received in March 2014. Construction began April 2014. SC expected June 2014.
4	Central CO WCD - WAS > Augmentation Water Supply Project C150337	Weld/ Adams/ Morgan	\$3,030,000	50%	Apr 13 - Apr 15	30%	JH	Purchased a portion of the water rights on 4/25/13.
5	Colorado Parks & Wildlife > Beaver Park Reservoir Rehabilitation C150343	Rio Grande	\$10,000,000	Ph1 100% P2 60%	Summer '13 & Summer '14	30% 0%	KR	Phase 1 Alsand Construction \$2M. Spillway & Grout work near complete. Phase 2 Construction is underway.
6	Crystal Lakes Water and Sewer Association > Lower Lone Pine Lake Enlargement Project C150325	Larimer	\$2,363,400	100%	Apr 12 - Aug 14	40%	AM	Construction began in September 2013. SC expected in the Fall 2014.
7	Dillon, Town of > Old Dillon Reservoir Enlargement C150295	Summit	\$1,515,000	100%	Sep 10 - Jul 13	99%	KR	Construction is complete and accepted. As-built drawings indicated areas of the dam that were not at the correct elevation. Repair work is underway. Partial fill allowed. SC expected in the Summer 2014.
8	Eckhardt Farms Inc > Water Rights Purchase C150338	Weld	\$1,336,230	N/A	Jan 13 - Jan 17	0%	AM	Borrower is preparing a change in scope to change the ditch company shares being purchased.
9	Farmers' High Line Canal and Reservoir Company > System Rehabilitation Project C150314	Adams/ Jefferson	\$1,410,768	100%	Feb 11 - Feb 15	99%	JH	The Co. received a loan increase of nearly \$900K in November 2012. Siphons complete. Clear Creek consturction finished April 2014. SC expected June/July 2014
10	Fisher Ditch Company > Ditch Infrastructure Project C150319	Denver	\$454,500	100%	Nov 12 - Dec 14	95%	JH	The Broadway Pipeline task was completed December 2012. The Headgate Rehabilitation task was completed March 2014. Sandout gate installation completed April 2014. Company may elect to not complete remaining Federal Piping project.
11	Fowler, Town of > Augmentation Pipeline Project C150359	Otero	\$277,245	100%	Nov 13 - July 14	0%	DJ	Loan extended by 1 year. Engineer finishing phas. Ongoing Div2 change case. Completion of construction anticipated by end of summer.

Design and Construction Status Report

Current Projects in Design or under Construction				Loan Design		Construction		Status Description/Update
Borrower/Project	County	Amount	Status	Start/End	Status	PM		
12 Georgetown, Town of > Outlet Works Modification Project C150321	Clear Creek	\$2,976,975	95%	Aug 14 - Dec 14	0%	AM	Final design iscomplete. The bid has been awarded and construction will begin in late summer 2014.	
13 Grand Mesa Water Conservancy District > Peak Res. & Blanche Park Res. Rehabilitation C150354	Delta	\$227,250	100%	Mar 13 - Nov 14	85%	AM	Construction began in the 2013 season and will be completed in the 2014 construction season.	
14 Greeley Irrigation Company > Greeley Canal No. 3 Rehabilitation C150239	Wled	\$2,233,867	90%	Feb 08 - Jul 14	90%	KR	Nearly complete. The Company is working on their SCADA system and the realignment and reshaping of various sections of existing channel.	
15 Greeley & Loveland Irrigation Company > Irrigation System Improvements C150362	Larimer	\$3,154,230	20%	Fall 14 - Spring 15	0%	JH	Floods delayed project timeline. Construction expected to begin after 2014 irrigation season.	
16 Gypsum, Town of > LEDE Ditch and Reservoir Rrehabilitation C150296	Eagle	\$2,689,731	100%	Jul 13 - Jul 14	15%	DJ	The Town received a WSRA grant for an enlargement of the Reservoir. The supply pipeline completed in Sept 2010. Construction began in winter 2013 and continues into 2014.	
17 Henrylyn Irrigation District > Prospect Res Dam Facing Project C150358	Weld	\$2,967,279	100%	Oct 13 - Jun 14	99%	JH	Construction complete with exception of as-builts. SC expected June 2014	
18 Huerfano County Water Conservancy District > Regional Augmentation Project C150364	Huerfano	\$2,222,000	100%	Mar 14 - Oct 15	60%	AM	Land and water rights purchase to occurred in January 2014. Camp Ranch augmentation site construction is underway.	
19 Joseph W. Bowles Reservoir Company > Bowles No. 1 Dam Rehabilitation C150290	Jefferson	\$1,703,870	100%	Aug 10 - June 14	90%	JH	Dam construction project was completed in 2011. Ditch construction completed fall 2013. Minor final construction items to be completed spring/summer 2014.	
20 Lake Canal Reservoir Company > North Gray Reservoir Rehab Project C150299	Larimer/ Weld	\$116,625	20%	2015 - 2016	0%	JH	The Company's engineer is working on the design. Project has been delayed until neighboring Boxelder East Side Detention Facility is finalized.	
21 Lamar, Town of > Raw Water Transmission Line Replacement C150367	Prowers	\$792,850	100%	Mar 14 - Nov 14	40%	DJ	Construction ongoing.	
22 Left Hand Ditch Company > Allen Lake and Lake Isabelle Repair Project C150336	Boulder	\$1,157,157	100%	Nov 12 - Aug 14	90%	AM	Allen Lake construction was completed in August 2013. Lake Isabelle repairs we done in the summer/fall of 2013. Final punchlist items will be completed in 2014. Loan increase will be requested by Company in 2014 to complete project.	

Design and Construction Status Report

Current Projects in Design or under Construction				Loan Design		Construction		Status Description/Update
Borrower/Project		County	Amount	Status	Start/End	Status	PM	
23	Lower Latham Reservoir Company > Well Augmentation Project C150304	Weld	\$3,811,573	100%	Nov 09 - Jul 11	99%	KR	The Company has completed its water rights purchase and the construction of the augmentation ponds.LLRC obtained it's irrigation well augmentation decree and it will re-focus it's attention on the recharge facility work.
24	Mancos Water Conservancy District > Inlet and Outlet Canal Rehabilitation C150120	Montezuma	\$5,486,531	100%	Jan 04 - Jan 14	98%	KR	Rehabilitation of ditch system involving retaining walls and access road along the ditch was complited in 2009. Additional 1000ft of ditch lining under constructed in October 2013.
25	McDonald Ditch Company > Ditch Diversion and Headgate Replacement C150334	Rio Grande	\$101,000	0%	00 - 00	0%	JH	
26	Missouri Heights - Mountain Meadows Irrigation Company > Irrigation Ditch lining Project C150351	Eagle/ Garfield	\$454,500	100%	Sept 13 - Jan 14	99%	KR	Installation of HDPE locking channel liner installed in fall of 2013. Final inspecton and cleanup to be completed in spring of 2014
27	Monte Vista, City of > Augmentation Water Rights Acquisition C150309	Rio Grande	\$1,693,770	n/a	Oct 10 - Jul 14	50%	AM	The City purchased Anderson Ditch rights and will file a water court application to enable the use of those rights to replace depletions. Contracted with the San Luis Valley Irr. Dist. for storage space in the Rio Grande Res. City continues negotiations to purchase additional water.
28	North Poudre Irrigation Co > Reservoir No. 4 Rehabilitation C150378	Larimer	\$1,636,200	0%	00 - 00	0%	JH	
29	Overland Ditch and Reservoir Company > Overland Reservoir Rehabilitation C150206	Delta	\$1,130,000	50%	Permitting	0%	KR	Project on-hold until fens can be addressed in enlarged reservoir area.
30	Owl Creek Reservoir Company > Owl Creek Reservoir Rehabilitation C150089	Weld	\$1,125,000	99%	On Hold	0%	TF	The Company received bids and does not have enough funds to complete the project. The Company has expended approximately \$450,000 to-date for permitting, soils, and design and will need an additional \$600,000 to complete the project. A project partner is being sought.
31	Penrose Water District > Water Rights Purchase and Pipeline Installation C150237	Fremont	\$8,844,570	80%	Sumr 14 - Fall 15	50%	DJ	Water rights purchased in 2005. Water court application filed in 2006. Brush Hollow Res. Closing in 2011. Ark river well field purchased in 2012. Bid period mid-May 2014. Bid open mid-June 2014. Concurrent Fremont special use permit process.
32	Petrocco Family Limited Partnership > Water Rights Purchase C150363	Adams/ Weld	\$840,825	N/A	N/A	0%	JH	Water rights purchase, no construction to occur. Expect to reimburse spring 2014.
33	Pisgah Reservoir and Ditch Company > Mount Pisgah Dam/Wrights Reservoir Rehab C150341	Teller	\$161,345	75%	Spring 14 - Dec 16	0%	JH	After SEO design review, scope of Project increased.

Design and Construction Status Report

Current Projects in Design or under Construction			Loan Design			Construction			Status Description/Update	
Borrower/Project			County		Amount	Status	Start/End	Status	PM	
34	Ridgway, Town of > Lake Otonowanda Rehabilitation Project C150340		Ouray		\$606,000	100%	Spring 14 - Fall 14	0%	KR	Land acquisition purchase completed. Construction will begin as soon as weather clears in spring 2014.
35	Riverside Ditch and Allen Extension Company > Ditch System Rehabilitation C150301		Chaffee		\$186,345	85%	Jul 10 - Dec 13	80%	KR	Ditch lining phase of the project was completed in December 2010. Additional phases will be constructed in the 2014. Utilizing NRCS La Junta Fld office for design and assistance with field modifications of original work.
36	Riverside Reservoir and Land Company > Riverside Reservoir Spillway Enlargement C150291		Weld		\$2,838,100	80%	Sep 10 - Jan 15	0%	DJ	The engineer is re-evaluating design options with support from the SEO.
37	Roxborough Water & Sanitation Dist. > Raw Water Supply Project C1503346		Douglas		\$18,538,550	99%	Oct 14 - Dec 14	0%	AM	Project Bill (SB-181) approved.
38	Sanchez Ditch and Reservoir Company > Sanchez Reservoir Outlet Rehabilitation Project C150342		Costilla		\$1,128,776	95%	Summer 14 - Winter 15	0%	AM	Project is in final design phase. Plans were submitted to the SEO in Feb 2014. Construction is expected to occur in 2014/2015.
39	Santa Maria Reservoir Company > Siphon and Canal System Rehabilitation Project C150350		Hinsdale/ Mineral		\$1,405,163	100%	2014 - 2015	0%	AM	Bid was awarded in April 2014. Construction will begin in May 2014.
40	Santa Maria Reservoir Company > Continental Dam Spillway Rehabilitation Project C150365		Hinsdale/ Mineral		\$3,071,633	100%	2014 - 2015	0%	AM	Bid was awarded in April 2014. Construction will begin in May 2014 and is scheduled for two construction seasons.
41	Terrace Irrigation Co > Spillway Replacment Project C150332		Conejos		\$2,724,721	100%	Jul 12 - Jul 13	99%	KR	Construction by ASI Contractors is complete. ASI reduced its claim from \$700K to \$90K for additional work performed. Decision pending. SEO has provided final approval.
42	Thunderbird W&S Dist > Lambert Ranch Water Rights Purchase C150320		Douglas		\$318,150	100%	N/A	0%	JH	Closing has been delayed until 2014 due to easement access to purchased wells.
43	Tri-County Water Conservancy District > Ridgway Reservoir Micro Hydro Project C150324		Ouray/ Mont/ Delta		\$13,130,000	100%	Jul 12 - Jul 14	99%	KR	Construction and testing is complete and power production is underway. Ribbon Cutting Ceremony scheduled for June 6th, 2014.
44	Twenty Two Road Lateral Company > Twenty Two Road Lateral Replacement Project C150344		Mesa		\$517,848	100%	Jan 13 - May 13	99%	KR	Construction complete. SC scheduled for June 1, 2014.

Design and Construction Status Report

Current Projects in Design or under Construction				Loan Design			Construction			Status Description/Update
Borrower/Project				County		Amount	Status	Start/End	Status	
45	Upper Arkansas Water Conservancy District > Reservoir Rehabilitation C150192	Chaffe/ Custer		\$3,520,000	100%	Jun 05 - Jan 14	90%	KR		The project requires Forest Service special use permit and an environmental assessment prior to construction. The initial phase of construction was awarded to ASI, Buena Vista, CO, and completed in May 2007. The enlargement effort is delayed due to NEPA permitting
46	Wadley Farms Flng. 3 HOA > Water Rights Purchase C150379	Adams		\$727,200	N/A	N/A	0%	JH		Water Rights purchase, no construction to occur. Closing to occur spring 2014.
47	Windsor, Town of > Kyger Reservoir Project C150366	Larimer/ Weld		\$4,545,000	0%	Fall 14 - Spring 15	0%	JH		Floods delayed project timeline. Town to purchase reservoir spring/summer 2014

Projects Under Contract SubTotal = \$121,562,952

Projects Not Under Contract

a	Boxelder Basin Regional Stormwater Authority > Larimer and Weld Canal Crossing Structure Project C150352	Larmier/ Weld		\$1,010,000	In Contracting	JH	
b	Boxelder Basin Regional Stormwater Authority > East Side Detention Facility Project C150353	Larmier/ Weld		\$7,171,000	In Contracting	JH	
c	Boxelder Basin Regional Stormwater Authority > County Rd 52 Culvert Project C150393	Larmier/ Weld		\$818,100	In Contracting	JH	
d	East Mesa Water Company > Ditch Piping Project C150360	Pitkin/ Garfield		\$555,500	In Contracting	KR	
e	Lake Durango Water Authority > Source Water Supply Project C150317	LaPlatta		\$2,525,000	In Contracting	KR	A condition of contract approval is to have an agreement in place for use of the Outlet Tower in Lake Nighthorse. Agreement expected in spring of 2014.
f	Lone Cabin Ditch & Reservoir Company > Lone Cabin Dam Rehab. Project C150361	Delta		\$252,800	In Contracting	DJ	Contract signed 4/2014

Design and Construction Status Report

Current Projects in Design or under Construction				Loan Design			Construction		Status Description/Update
Borrower/Project				County	Amount	Status	Start/End	Status	
g	San Luis Valley Water Conservancy District > Anaconda Ditch Water Right Acquisition C150348			Alamosa	\$839,000		In Contracting	AM	
h	Southeastern CO Water Conserv. District > Arkansas Valley Conduit C150238			Crowley	\$60,600,000		In Contracting	KR	
									Pending Federal Appropriation

Not Under Contract SubTotal = \$73,771,400

Grand Total = \$195,334,352

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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



TO: Colorado Water Conservation Board Members

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

DATE: May 9, 2014

SUBJECT: **Directors Report May 21-22, 2014 Board Meeting
Emergency Loans Status Report**

John W. Hickenlooper
Governor

Mike King
DNR Executive Director

James Eklund
CWCB Director

As a result of the unprecedented floods of September 2013, the CWCB awarded zero-interest and no-payment 3-year bridge loans to water suppliers. Typically the loans are utilized by borrowers to replace diversion structures and reconstruct the ditch delivery system.

To date, the CWCB has authorized twenty one (21) projects totaling \$18.5 million. There are currently seventeen (17) projects under contract ready to receive loan funds for eligible project expenses.

The Union Ditch Company has elected to complete their repairs with cash funds so the project will be deauthorized in November 2014.

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

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

May 9, 2014

Attachment 4

Current Projects in Design or under Construction				Emergency Loan Status Report				Status Description/Update			
Borrower/Project		County	Amount	Status	Design	Construction	PM				
1	Beeman Irrigation > Emergency Beeman Diversion Dam Repair C150385	Weld	\$ 2,020,000	100%		1/2014-5/2014	95%	MS	Project 95% complete. Waiting on installation of appurtanences....walkways, gauges, handrails, etc.		
2	Big Elk Meadows Association > Emergency Raw Water Storage Repair C150391	Boulder/ Larimer	\$ 1,515,000	75%		6/2014-3/2015	0%	MS	Bid opening is schedule for mid May, with construction scheduled to commence in June. Project includes the reconstruction of 5 dams in series. Only one dam, the lowest one, is jurisdictional.		
3	Big Thompson and Platte River > Big Thompson & Platte River Diversion Structure Repair C150373	Larimer	\$ 808,000	90%		5/2014-6/2014	5%	MS	Design change complete. Project is now a siphon crossing the Little Thompson River, rather than an elevated pipe. Construction expected to commence 5/15/14		
4	Boulder and Larimer County Irrigation > Boulder & Larimer Diversion Structure Repair C150374	Boulder & Larimer	\$ 202,000	100%		1/2014-4/2014	100%	MS	Project Complete.		
5	Butte Irrigation & Milling Company > Emergency Berm Repair C150382	Boulder	\$ 277,750	100%		4/2014-5/2014	100%	MS	Project Complete.		
6	Church Ditch Water Authority > Leyden Creek Crossing Repair C150377	Jefferson	\$ 606,000	100%		1/2014-5/2014	100%	MS	Project Complete.		
7	Consolidated Home Supply Ditch & Reservoir Co > Big Dam Diversion Structure Repair C150375	Larimer	\$ 1,616,000	100%		1/2014-10/2014	50%	MS	The project is 50% complete and running water. The dam will be topped off this fall after the irrigation season.		
8	Consolidated Home Supply Ditch & Reservoir Co > George Rist Ditch Repair C150380	Larimer	\$ 448,440	100%		2/2014-5/2014	95%	MS	Project 95% complete. Waiting on installation of appurtanences.		
9	Culver Ditch Company > Culver Mahoney Ditch Repair C150390	Boulder & Larimer	\$ 151,500	100%		2/2014-4/2014	100%	MS	Project Complete.		
10	Green Ditch Company > Emergency Green Ditch Channel Repair C150383	Boulder	\$ 530,250	75%		5/2014-6/2014	0%	MS	The project schedule and description has been revised to include only the river breach construction.....which should be completed prior to June 1. The diversion structure will be completed using other funds later in the fall.		

Emergency Loan Design and Construction Status Report

Current Projects in Design or under Construction					Loan			Design		Construction		Status Description/Update
	Borrower/Project	County	Amount	Status	Start/End	Status	PM					
11	Haldi Ditch Company > Emergency Haldi Ditch Reapir C150389	Boulder	\$ 50,500	100%	1/2014-3/2014	100%	MS	Project Complete.				
12	Highland Ditch Company > Highland Ditch System Repairs C150369	Boulder	\$ 1,999,800	100%	10/2013-4/2014	100%	MS	Project Complete.				
13	Ish Reservoir Company > Inlet Ditch & Diversion Structure Repair C150376	Boulder	\$ 207,050	100%	1/2014-4/2014	100%	MS	Project Complete.				
14	Left Hand Ditch Company > Left Hand Ditch System Repairs C150370	Boulder	\$ 3,276,056	100%	10/2013-5/2014	85%	MS	Contractor removing debris and regrading river. Several projects are included in this loan. All are in different levels of completion. Major progress has taken place over the last two months. Project on schedule for completion 5/15/14				
15	North Poudre Irrigation Company > Fossil Creek Reservoir Diversion Structure Repair C150368	Larimer	\$ 481,770	100%	2014	0%	MS	The Poudre River is still running high. The Owner has re-scheduled construction for the fall.				
16	Oligarchy Irrigation Company > Oligarchy Irr. Ditch River Diversion Struct. Repair C150372	Boulder	\$ 1,262,500	100%	1/2014-5/2014	75%	MS	Project is on schedule for completion on or before May 15.				
17	Rough & Ready Irrigation Ditch Company > Rough & Ready River Diversion Struct.Repair C150371	Boulder	\$ 1,843,250	100%	1/2014-5/2014	75%	MS	Project is on schedule for completion on or before May 15.				

Projects Under Contract SubTotal = \$ 17,295,866

Projects Not Under Contract

a	Davidson Ditch & Reservoir Company > Emergency Davidson Ditch Lining C150384	Boulder	\$ 37,370	In Contracting	MS	Very small project, owner may not utilize loan.
b	City of Evan, Water Activity Enterprise > Emergency Evans Town Ditch Repairs C150387	Weld	\$ 722,150	In Contracting	MS	City still negotiating with FEMA.

Emergency Loan Design and Construction Status Report

Current Projects in Design or under Construction				Loan			Design		Construction		Status Description/Update
	Borrower/Project	County	Amount	Status	Start/End	Status	PM				
c	Union-Ditch-Company > Emergency Union Ditch Repair C150381	Weld	\$ 202,000		In Contracting		MS	To be Deauthorized in November 2014			
d	Zweck and Turner Ditch Company > Zweck and Turner Ditch Repair C150388	Boulder	\$ 252,500		In Contracting		MS	Project just getting underway			

Not Under Contract SubTotal = \$ 1,214,020

Grand Total = \$ 18,509,886

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

LOAN REPAYMENT DELINQUENCY

Loan Repayments received relative to the Water Project Construction Loan Program have been reviewed for the period covering July 2013 through April 2014. The effective due date of the payment is inclusive of the Board's current 30 day late policy. Hence, the date the payment was received was compared to the last day allowable prior to the payment being considered late.

Repayments due for the first ten months of Fiscal Year 2014 totaled 210. There were four loan payments not received on time during this period. The loan payments from Shultz Farm, Inc. and Military Park Reservoir Company were less than 30 days late. The loan payment from Fuchs Ranches, Inc. was over 30 days late. The loan payment from John Peroulis & Sons, Partnership was over 60 days late. Thus, the on-time performance for the total repayments due was 98% in compliance or 2% not in compliance.

As an additional note, the loan in default relative to Rodney Preisser (now deceased) has been settled by Jason Preisser. The payment for the outstanding principal has been received; the accrued interest was forgiven and the loan is now closed.

LOAN FINANCIAL ACTIVITY

Loan Financial Activity relative to the Water Project Construction Loan Program for Fiscal Year 2014 is summarized as follows: Funds received relative to loans in repayment totaled \$25.1 M for this year. Funds disbursed relative to new project loans totaled \$19.1 M for this year. Net activity resulted in \$6.0 M received by the CWCB Construction Fund and the Severance Tax Perpetual Base Fund (STPBF) over the total disbursed.

Further breakdown is summarized as follows: The Construction Fund portion consists of \$11.0 M in receivables and \$14.2 M in disbursements for a total net activity of \$3.2 M disbursed over received. The STPBF consists of \$14.1 M in receivables and \$4.9 M in disbursements for a total net activity of \$9.2 M received over disbursed.

[See details of the table on the following page]

COLORADO WATER CONSERVATION BOARD

FINANCIAL ACTIVITY REPORT FOR FISCAL YEAR 2014

CONSTRUCTION FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2013	\$ 801,388	\$ 383,210	\$ 1,184,598	\$ 414,940	\$ 769,658
August 2013	\$ 246,382	\$ 240,889	\$ 487,271	\$ 1,884,780	\$ (1,397,509)
September 2013	\$ 193,739	\$ 1,094,495	\$ 1,288,234	\$ 936,836	\$ 351,398
October 2013	\$ 748,038	\$ 648,802	\$ 1,396,840	\$ 1,758,666	\$ (361,826)
November 2013	\$ 516,517	\$ 407,826	\$ 924,344	\$ 1,473,350	\$ (549,007)
December 2013	\$ 496,691	\$ 267,545	\$ 764,236	\$ 1,569,476	\$ (805,240)
January 2014	\$ 113,989	\$ 86,048	\$ 200,037	\$ 4,092,239	\$ (3,892,202)
February 2014	\$ 267,573	\$ 155,210	\$ 422,783	\$ 1,297,066	\$ (874,283)
March 2014	\$ 2,442,250	\$ 459,396	\$ 2,901,647	\$ 240,751	\$ 2,660,896
April 2014	\$ 941,852	\$ 433,082	\$ 1,374,935	\$ 536,032	\$ 838,903
May 2014	\$ -	\$ -	\$ -	\$ -	\$ -
June 2014	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2014 Totals	\$ 6,768,419	\$ 4,176,505	\$ 10,944,924	\$ 14,204,137	\$ (3,259,213)

SEVERANCE TAX PERPETUAL BASE FUND

Period	Principal	Interest	Total Received	Disbursements	Net Activity
July 2013	\$ 205,385	\$ 217,528	\$ 422,913	\$ -	\$ 422,913
August 2013	\$ 199,053	\$ 317,810	\$ 516,864	\$ -	\$ 516,864
September 2013	\$ 2,647,007	\$ 1,367,603	\$ 4,014,609	\$ 51,256	\$ 3,963,353
October 2013	\$ 600,691	\$ 450,106	\$ 1,050,797	\$ 17,095	\$ 1,033,703
November 2013	\$ 81,999	\$ 107,775	\$ 189,773	\$ -	\$ 189,773
December 2013	\$ 61,047	\$ 102,155	\$ 163,203	\$ 458,578	\$ (295,376)
January 2014	\$ 3,123,577	\$ 81,111	\$ 3,204,688	\$ 622,401	\$ 2,582,287
February 2014	\$ 137,974	\$ 121,642	\$ 259,616	\$ 1,072,209	\$ (812,593)
March 2014	\$ 859,320	\$ 352,482	\$ 1,211,802	\$ 1,520,924	\$ (309,122)
April 2014	\$ 3,054,051	\$ 52,863	\$ 3,106,913	\$ 1,136,763	\$ 1,970,151
May 2014	\$ -	\$ -	\$ -	\$ -	\$ -
June 2014	\$ -	\$ -	\$ -	\$ -	\$ -
FY 2014 Totals	\$ 10,970,104	\$ 3,171,074	\$ 14,141,178	\$ 4,879,225	\$ 9,261,953

GRAND TOTALS	\$ 17,738,523	\$ 7,347,579	\$ 25,086,102	\$ 19,083,361	\$ 6,002,741
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Director's Report Attachment – May 21-22, 2014 Meeting
Stream and Lake Protection Section De Minimis Cases

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

Case No.	Applicant	Stream/ Case Number	ISF Amount	Percent Injury	Cumulative % Injury	Previous Cases
1-14CW3029	Suzanne & Michael Hall	Craig Creek/ 80CW209	8 cfs (summer) 8 cfs (winter)	0.25000 % 0.25000 %	0.25000 % 0.25000 %	0
2-14CW3009	Donald S. & Mary Jean Praeger	Purgatoire River/ 09CW090	21 cfs (summer) 7 cfs (winter)	0.00929 % 0.01681 %	0.00929 % 0.01681 %	0



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
2014 March Board Approvals									
Colorado	East Mesa Water Company	East Mesa Water Company Tunnel Bypass Pipeline	Mar-14	\$60,000	\$0	\$60,000	Agricultural	Kirk Russell	
Gunnison	Gunnison, City of	Gunnison River Riparian and Diversion Restoration Project	Mar-14	\$45,540	\$0	\$45,540	Other	Chris Sturm	
Gunnison	Colorado River Water Conservation District	NoChicoBrush Agricultural Water Research Project	Mar-14	\$35,000	\$0	\$35,000	Needs Assessment	Craig Godbout	
Southwest	La Plata County Palo Verde Public Improvement District #3	La Plata County Palo Verde PID #3 Water Delivery Project	Mar-14	\$25,000	\$0	\$25,000	Municipal & Industrial	Craig Godbout	
Southwest	Geothermal Greenhouse Partnersip, Inc.	Geothermal Greenhouse Partnership Project	Mar-14	\$25,000	\$0	\$25,000		Craig Godbout	
Yampa/White	Colorado River Water Conservation District	Supplemental Funding - Yamap BIP	Mar-14	\$77,066	\$0	\$77,066		Brent Newman	
2014 January Board Approvals									
Gunnison	Lone Cabin Ditch & Reservoir Company	Lone Cabin Dam Rehabilitation Project	Jan-14	\$83,150	\$0	\$83,150	Agricultural	Derek Johnson	
Southwest	Telluride Pines Homeowners Association	Telluride Pines Water Augmentation	Jan-14	\$25,000	\$0	\$25,000	Municipal & Industrial	Craig Godbout	4/22/14 Contacted Deb Dion & message for Kurt Shurgers requesting required docs for contracting.
2013 September Board Approvals									
Metro	The Greenway Foundation	Grant-Frontier Park West Bank Riparian Floodplain Design and Construction Project	Sep-13	\$100,000	\$250,000	\$350,000	Needs Assessment	Chris Sturm	Staff recommends apprvl up to \$250,000 frm SW & \$100,000 frm Metro Basin. 4/22/14 Per C.Sturm, grantee must have SOW by 5/1/14 for FY14 contract otherwise not till FY15. Updated Lat/Long field 10/22/2013 Erik S.
Metro	Plum Valley Heights Sub-District	Plum Valley Heights Water Supply Pipeline	Sep-13	\$50,000	\$0	\$50,000	Municipal & Industrial	Craig Godbout	4/23/14 Email from Alan Prouge -"We will not be under contract by 15 May, so delaying the funding until mid-July is not a problem. However, we want to make sure we don't do anything to jeopardize the grant, so please let us know if there is any additional information that you need". Updated Lat/Long field 10/22/2013 Erik S.
Rio Grande	Lone Cabin Ditch & Reservoir Company	Lone Cabin Dam Repair and Rehabilitation	Sep-13	\$38,000	\$46,000	\$84,000	Agricultural	Derek Johnson	
2013 March Board Approvals									
Colorado	Mr. William Grange	Grace and Shehi Diversion Rehabilitation Project (Phase I & II - Alternatives Evaluation & Detailed Design)	Mar-13	\$40,500	\$0	\$40,500	Agricultural	Jacob Bornstein	4/22/14 Review project file for potential contracting - Need W.g. Ins., CGS, New schedule, revised budget reflect \$40,500. Updated Lat/Long fields 10/17/2013 Erik S.
2011 July Board Approvals									
Southwest	Pagosa Lake Property Owners Association	Pagosa Lakes Area Village Lake Dam Outlet Pipe Repair Project	Jul-11	\$25,000	\$0	\$25,000	Municipal & Industrial	Kirk Russell	
2011 May Board Approvals									
Colorado	Orchard Mesa Irrigation District	Canal #1 Check Structure Pilot Project at Dalton, Kiefer & Springer Properties	May-11	\$25,212	\$0	\$25,212	Agricultural	Jacob Bornstein	
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		
2010 May Board Approvals									
Gunnison	Lake San Cristobal Water Activity Enterprise (LSCWAC)	Lake San Cristobal Outlet Structure	May-10	\$150,000	\$0	\$150,000	Municipal & Industrial	Kirk Russell	



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	PM	Actions/Comments/Notes
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2009 July Board Approvals

Southwest	Sawpit, Town of	Domestic Water System Construction	Jul-09	\$25,000	\$0	\$25,000	Municipal & Industrial	Anna Mauss	
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Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount	Total Request	Type of Water Activity	Number	Project Expiration Date
Arkansas	Lower Arkansas Valley Water Conservancy District	Super Ditch Delivery Engineering	Mar-11	\$0	\$225,837	\$225,837	Agricultural	C150490	6/28/14
Arkansas	Arkansas Groundwater Users Association (AGUA)	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (CoAgMet)	May-11	\$9,394	\$37,577	\$46,971	Agricultural	13IBC000024	12/31/14
Arkansas	Trinidad, City of	North Lake Dam Rehabilitation Project	Mar-12	\$36,962	\$702,273	\$739,235	Municipal & Industrial	C150502	6/30/14
Arkansas	Cross Creek Metropolitan District	Hale Reservoir Renovation – Final Design & Permitting	Sep-12	\$20,000	\$100,000	\$120,000	Municipal & Industrial	C150504	6/30/14
Arkansas	Pisgah Reservoir and Ditch Company	Mount Pisgah Dam/Wright's Reservoir Outlet Works Rehabilitation	Sep-12	\$25,000	\$136,345	\$161,345	Other	C150505	9/1/14
Arkansas	Upper Arkansas Water Conservancy District	Build, Assess, and Document Accounting and Administration Tools for Lease Following in the Arkansas River Valley	Sep-12	\$20,000	\$39,215	\$59,215	Agricultural	13IBC000017	1/31/15
Arkansas	Purgatorie River Water Conservancy District	Purgatorie River Reach 3 Habitat Improvement Project	Jan-13	\$25,250	\$0	\$25,250	Nonconsumptive	14IBC000025	6/30/14
Arkansas	Colorado State University	Agricultural Economics and Water Resources: Methods, Metrics and Models - A Specialty Workshop	Mar-13	\$9,746	\$0	\$9,746	Education	13IBC000025	12/31/13
Arkansas	Southeastern Colorado Water Conservancy District	Arkansas River Basin Implementation Study	Mar-13	\$0	\$205,691	\$205,691	Other	C150541	7/31/14
Arkansas	Fountain Creek Watershed Greenway and Flood Control District	Fountain Creek Bank Restoration at the Frost Ranch	Mar-13	\$30,000	\$75,000	\$105,000	Nonconsumptive	C150524	6/1/14
Arkansas	Crowley County Board of Commissioners	Ordway Cattle Feeders Water Line Extension, Phase II	Mar-13	\$50,000	\$22,500	\$72,500	Agricultural	C150515	4/16/14
Arkansas	McClave Water Association Inc.	Water Tank Replacement	Jul-13	\$64,300	\$0	\$64,300	Municipal & Industrial	14IBC000006	12/31/14
Arkansas	Rocky Mountain Field Institute	Bear Creek Sediment Mitigation Project (Phase I)	Sep-13	\$15,000	\$85,000	\$100,000	Nonconsumptive	14IBC000031	6/30/15
Arkansas	Canon City, Town of	Royal Gorge Wildfire Water Quality Impact and Protection Project – Emergency Mitigation, Stabilization, and Reclamation	Sep-13	\$24,260	\$460,940	\$485,200	Other	C150536	6/27/14
Arkansas	Pikes Peak Regional Water Authority	Pikes Peak Regional Water Supply Infrastructure Study	Sep-13	\$25,000	\$50,000	\$75,000	Needs Assessment	14IBC000020	1/31/15
Arkansas	Lamar, City of - Wastewater Department	Lamar Raw Water Transmission Line Replacement Project	Sep-13	\$50,000	\$150,000	\$200,000	Municipal & Industrial	C150527	6/30/15
Arkansas	Pikes Peak Regional Water Authority	Arkansas Basin Implementation Plan; Basin Implementation Plan, Section 4.2 Watershed Health; Arkansas Basin Implementation Plan - SECTION 4.3 Conservation; Arkansas Basin Implementation Plan - SECTION 2.1 Non consumptive; 4.1 Education Participation & Outreach; 4.7 Nonconsumptive Projects & Methods	Nov-13	\$183,471	\$32,709	\$216,180	Other	C150545	12/31/14
Arkansas Basin Total Request				\$568,383	\$2,323,087	\$2,911,470			
Number of Projects				17					
Arkansas/South Platte/Metro	Water Environment Research Foundation	Demonstration of Membrane Zero Liquid Discharge Process for Drinking Water Systems	Nov-13	\$100,000	\$699,967	\$799,967	Municipal & Industrial	C150456	9/30/14
Arkansas/South Platte/Metro Basin Total Request				\$100,000	\$699,967	\$799,967			
Number of Projects				1					
Colorado	Gypsum, Town of	L.E.D. Ditch and Reservoir Reconstruction	Sep-10	\$50,000	\$175,000	\$225,000	Municipal & Industrial	C150494	9/1/16
Colorado	Mesa Conservation District	Small Acreage Irrigation Audit Program	Mar-11	\$18,273	\$0	\$18,273	Agricultural	12IBC000001	6/30/14
Colorado	Colorado Mesa University	Colorado Water 2012	Jan-12	\$29,700	\$0	\$29,700	Education	12IBC000018	6/30/14
Colorado	Colorado State University	Investigation of Water Savings, Water Quality benefits and Profitability of Sub Surface Drip on Alfalfa in Grand Valley	Mar-12	\$46,894	\$0	\$46,894	Agricultural	12IBC000019	4/30/16
Colorado	Robinson Ditch Company	Robinson Ditch Piping Improvements	Sep-12	\$60,000	\$0	\$60,000	Agricultural	13IBC000014	1/31/15
Colorado	Blue River Watershed Group	Tennille Creek Restoration Project	Sep-12	\$17,500	\$332,500	\$350,000	Nonconsumptive	C150523	7/31/15
Colorado	Eagle River Watershed Council, Inc.	Colorado River Restoration and Conservation Projects	Sep-12	\$20,000	\$90,000	\$110,000	Nonconsumptive	C150506	6/30/14
Colorado	Roaring Fork Water Conservancy	Crystal River Watershed – Assessment and Design of Restoration Projects	Sep-12	\$15,854	\$288,610	\$304,464	Nonconsumptive	C150520	1/31/17



Basin	Applicant	Name of Water Activity	CWCB Meeting	Account Approved	Amount	Total Request	Type of Water Activity	Number	Project Expiration Date
Colorado	Tamarisk Coalition	Grand Valley Riparian Restoration Collaborative (GVRRC) Project	Sep-12	\$42,726	\$207,274	\$250,000	Nonconsumptive	C150513	1/30/17
Colorado	Grand County	Gore Canyon Whitewater Park at pumphouse - Colorado River	Jan-13	\$100,000	\$400,000	\$500,000	Nonconsumptive	C150518	8/31/15
Colorado	Irrigators of Lands in the Vicinity of Kremmling	Upper Colorado River Irrigation and Restoration Assessment Phase 1.	Sep-13	\$50,000	\$0	\$50,000	Agricultural	14IBC000029	3/31/15
Colorado	Missouri Heights - Mountain Meadow Irrigation Company	Missouri Heights - Mountain Meadow Irrigation Company	Sep-13	\$50,000	\$0	\$50,000	Agricultural	OE14IBC000012	11/30/14
Colorado	Grand County Water & Sanitation District	Reservoir 2 Enlargement and Lining Project	Sep-13	\$41,620	\$165,000	\$206,620	Agricultural	C150544	6/30/16
Colorado	Colorado River Water Conservancy District	Colorado Basin Implementation Plan	Sep-13	\$166,667	\$83,333	\$250,000	Needs Assessment	C150542	10/31/14
Colorado	Snowmass Water and Sanitation District	Customer Meter Replacement Program	Nov-13	\$100,000	\$0	\$100,000	Municipal & Industrial	14IBC000028	12/31/14
Colorado Basin Total Request				\$809,234	\$1,741,717	\$2,550,951			
Number of Projects				15					
Colorado/Yamp	Grand Junction, City of a/White	Energy Development Water Needs Assessment Study Update	Nov-13	\$50,000	\$0	\$50,000	Municipal & Industrial	14IBC000024	6/30/14
Colorado/Yampa/White Basin Total Request				\$50,000	\$0	\$50,000			
Number of Projects				1					
Gunnison	North Fork Water Conservancy District (NFWCD) and Fire Mountain Canal and Reservoir Company (FMCC)	Sedimentation Management Study For Paonia Reservoir - North Fork of the Gunnison	Sep-07	\$79,000	\$230,000	\$309,000	Agricultural	C150414	6/30/15
Gunnison	Gunnison County	75 Ditch Diversion Improvement and Feature Enhancements	May-10	\$46,100	\$0	\$46,100	Nonconsumptive	12IBC000002	6/30/15
Gunnison	Leroux Creek Water Users Association (LCWUA)	Hanson Reservoir Outlet Rehabilitation	Jul-10	\$50,000	\$0	\$50,000	Agricultural	11000000068	6/30/14
Gunnison	Grand Mesa Water Conservancy District, Water Enterprise Fund	The Rehabilitation of Blanche Park Reservoir	Mar-11	\$75,000	\$0	\$75,000	Agricultural	14IBC0000035	10/1/16
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Blue Mesa Reservoir	Mar-11	\$24,500	\$98,000	\$122,500	NONE	C150497/C150522	12/31/14
Gunnison	Colorado State University	Agricultural Weather Data Delivery Improvements to Uncompahgre Valley Irrigators	Sep-11	\$77,000	\$35,000	\$112,000	Agricultural	C150499	12/31/14
Gunnison	Colorado Mesa University	Gunnison Basin Roundtable Education Program	Mar-12	\$19,750	\$0	\$19,750	Education	12IBC0000020	6/30/14
Gunnison	Leon Park Reservoir Company	Leon Park Reservoir Dam Outlet Repair	Jul-12	\$31,372	\$0	\$31,372	Agricultural	13IBC0000022	1/31/14
Gunnison	Ridgway, Town of	Town of Ridgway Lake Otonowanda Renovation Project	Sep-12	\$60,000	\$540,000	\$600,000	Municipal & Industrial	C150508	6/30/16
Gunnison	Lake Fork Vally Conservancy	Henson Creek and Lake Fork Confluence Channel Improvements	Mar-13	\$28,975	\$260,111	\$289,086	Agricultural	C150521	8/26/18
Gunnison	Delta Conservation District	Curry Easements Woody Invasives Removal Project - West Side of the North Fork of the Gunnison River	May-13	\$8,865	\$0	\$8,865	Nonconsumptive	14IBC0000017	3/31/15
Gunnison	Elmer L. Ferganchick	Bonita Reservoir Dam Outlet Pipe Rehabilitation	Jul-13	\$54,285	\$0	\$54,285	Agricultural	14IBC0000005	7/31/14
Gunnison	Delta Conservation District	Somerset Diversion Improvement Study – North Fork of the Gunnison River Corridor Project	Sep-13	\$4,800	\$43,200	\$48,000	Municipal & Industrial	14IBC0000026	12/31/14
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Gunnison Basin Implementation Plan	Sep-13	\$133,333	\$66,667	\$200,000	Needs Assessment	C150534	10/31/14
Gunnison	Paonia, Town of	Lamborn Water Treatment Plant Upgrade	Jan-14	\$75,000	\$310,000	\$385,000	Municipal & Industrial	C150549	11/30/14
Gunnison	North Delta Irrigation Company	Ditch System Study (a continuation of the Tunnel Reconstruction Project)	Mar-14	\$0	\$82,686	\$82,686	Municipal & Industrial	14IBC0000033	10/31/15
Gunnison Basin Total Request				\$767,980	\$1,665,664	\$2,433,644			
Number of Projects				16					
Metro	South Metro Water Supply Authority	Aquifer Recharge Pilot Study	Sep-09	\$0	\$550,000	\$550,000	Municipal & Industrial	C150474	9/15/14
Metro	Rural Water Authority of Douglas County	Rural Douglas County groundwater-level monitoring network	Sep-10	\$78,263	\$84,792	\$163,055	Municipal & Industrial	C150473	12/31/15

WSRA IN PROGRESS PROJECTS

Updated 5/6/2014



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
Metro	South Metro Water WISE Supply Authority	Water Infrastructure and Supply Efficiency (WISE) Partnership: Western Pipeline Connection Engineering/Design	Sep-13	\$68,800	\$619,200	\$688,000	Municipal & Industrial	C150535	10/31/14
Metro Basin Total Request				\$147,063	\$1,253,992	\$1,401,055			
Number of Projects									
3									
North Platte	USDA, Forest Service	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	12/31/13
North Platte	Colorado State University	Monitoring the effects of weather conditions on the evapotranspiration in N.P. Basin	Sep-08	\$50,409	\$50,409	\$100,818	Agricultural	C150438	6/30/14
North Platte	Ducks Unlimited, Inc.	North Park Irrigated Meadow Conservation Program - Phase I	May-10	\$20,000	\$0	\$20,000	Nonconsumptive	10000000126	6/30/14
North Platte	Greg Ray	Structure for Water Control	May-13	\$41,940	\$0	\$41,940	Agricultural	14IBC000001	10/31/14
North Platte	Jackson County Water Conservancy District	North Platte Basin Implementation Plan	Sep-13	\$107,500	\$0	\$107,500	Needs Assessment	C150533	11/30/14
North Platte Basin Total Request				\$432,155	\$215,027	\$647,181			
Number of Projects									
5									
Rio Grande	Lower Willow Creek Restoration Company	Lower Willow Creek Restoration Project	Sep-09	\$50,000	\$200,000	\$250,000	Nonconsumptive	C150467	12/31/14
Rio Grande	Colorado Rio Grande Restoration Foundation	2009 Rio Grande Riparian Stabilization Project - Phase 4	May-10	\$50,000	\$98,000	\$148,000	Nonconsumptive	C150486	12/31/14
Rio Grande	Conejos Water Conservancy District	Conejos River System Gauging Stations Project	Mar-12	\$20,000	\$387,280	\$407,280	Agricultural	C150501	6/30/14
Rio Grande	Terrace Reservoir Irrigation Company, Inc.	Terrace Reservoir Spillway Replacement	Mar-12	\$75,000	\$1,425,000	\$1,500,000	Agricultural	C150500	12/31/14
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Phase 2 - Outlet Rehabilitation and Gate Tower Replacement	Sep-12	\$55,000	\$859,400	\$914,400	Agricultural	C150510	3/31/16
Rio Grande	Santa Maria Reservoir Company	SANTA MARIA RESERVOIR SIPHON & CANAL SYSTEM REHABILITATION	Mar-13	\$23,000	\$440,750	\$463,750	Agricultural	C150516	6/14/17
Rio Grande	Mogote-Northeastern Consolidated Ditch Company	Quantifying Mogote/Romero Flows & Effects on the Conejos System	Mar-13	\$16,700	\$268,300	\$285,000	Agricultural	C150525	12/31/14
Rio Grande	SANGRE DE CRISTO ACEQUIA ASSOCIATION	Culebra Watershed Valjejos Ditch Headgate Replacement	Mar-13	\$10,000	\$90,000	\$100,000	Agricultural	14IBC000022	6/30/15
Rio Grande	Trout Unlimited	Kerber Creek Restoration Project	Jul-13	\$34,871	\$0	\$34,871	Nonconsumptive	14IBC000010	12/31/15
Rio Grande	Conejos Water Conservancy District	Radar Monitoring & Hydrologic Modeling in the Upper Rio Grande Basin	Sep-13	\$37,000	\$200,000	\$237,000	Other	C150543	12/31/15
Rio Grande	Santa Maria Reservoir Company	Santa Maria Reservoir Phase 2 - Continental Dam and Spillway Restoration	Sep-13	\$51,000	\$962,750	\$1,013,750	Agricultural	CC150528	6/30/17
Rio Grande	Colorado Rio Grande Restoration Foundation	Plaza Project 2: McDonald Ditch Implementation Project	Sep-13	\$42,000	\$684,000	\$726,000	Nonconsumptive	C150492	12/31/15
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Basin Implementation Plan	Sep-13	\$211,000	\$99,800	\$310,800	Needs Assessment	C150639	1/31/15
Rio Grande	Lower Willow Creek Restoration Company	Lower Willow Creek Restoration Project: Phase 2	Sep-13	\$55,000	\$0	\$55,000	Nonconsumptive	14IBC000013	1/31/17
Rio Grande	El Cerro Ditch dba Acequia del Cerro	Rehabilitation and Ditch Lining	Jan-14	\$100,000	\$0	\$100,000	Agricultural	14IBC000034	1/31/15
Rio Grande Basin Total Request				\$830,571	\$5,715,280	\$6,545,851			
Number of Projects									
15									
South Platte	Ducks Unlimited, Inc.	S.P. Water protection and restoration	Sep-08	\$0	\$825,552	\$825,552	Nonconsumptive	C150432	5/22/14
South Platte	Lower South Platte Water Conservancy District	Lower South Platte Water Cooperative Organizational Analysis	Sep-10	\$60,977	\$200,000	\$260,977	Agricultural	C150476	6/30/14
South Platte	Colorado Division of Water Resources	Alluvial Aquifer Accretion/Depletion Analysis Tool	Mar-11	\$0	\$200,000	\$200,000	Other	C154209	5/31/14
South Platte	Ducks Unlimited, Inc.	South Platte River Phreatophyte Control Pilot	Sep-11	\$35,000	\$30,000	\$65,000	Nonconsumptive	13IBC000004	8/31/14
South Platte	Ducks Unlimited, Inc.	Prewitt Reservoir Wetland Partnership	Mar-13	\$45,414	\$45,414	\$90,828	Nonconsumptive	14IBC000009	12/31/15
South Platte	Ducks Unlimited, Inc.	State Land Board South Platte Recharge Study	Sep-13	\$33,663	\$0	\$33,663	Municipal & Industrial	14IBC000027	12/31/14



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date
South Platte Basin Total Request				\$175,054	\$1,300,966	\$1,476,020			
Number of Projects		6							
South Platte/Metro	The Greenway Foundation	Denver South Platte River Implementation Project - Frontier/Overland Final Design	Sep-12	\$200,000	\$300,000	\$500,000	Nonconsumptive	C150509	6/30/15
South Platte/Metro	South Metro Water Supply Authority	South Platte & Metro Integrated Basin Implementation Plan - Consumptive	Sep-13	\$274,000	\$138,000	\$412,000	Needs Assessment	C150537	10/31/15
South Platte/Metro	Ducks Unlimited, Inc.	South Platte & Metro Integrated Basin Implementation Plan - Nonconsumptive	Sep-13	\$116,000	\$59,000	\$175,000	Needs Assessment	C150538	10/31/14
South Platte/Metro	Colorado Water Trust	Josh Ames Diversion Removal on Poudre River	Sep-13	\$100,000	\$200,000	\$300,000	Nonconsumptive	C150532	1/15/17
South Platte/Metro	Northern Colorado Water Conservancy District	Emergency Flood Recovery Assessment, Design, and Recovery including Cycle #2	Nov-13	\$300,000	\$2,255,000	\$2,555,000	Other	C150540	10/31/15
South Platte/Metro	Metro Wastewater Reclamation District	South Platte River Diurnal Flow Study	Mar-14	\$100,000	\$0	\$100,000	Other	14IBC000036	6/30/15
South Platte/Metro Basin Total Request				\$1,090,000	\$2,952,000	\$4,042,000			
Number of Projects		6							
Southwest	Lake Durango Water Authority	Lake Durango Water Authority/ Source Water Infrastructure	Sep-11	\$50,000	\$450,000	\$500,000	Municipal & Industrial	C150487	12/15/15
Southwest	La Plata Archuleta Water District	Construction of Municipal Water Distribution Pipeline and Related Facilities	Sep-12	\$25,000	\$475,000	\$500,000	Municipal & Industrial	C150517	3/31/14
Southwest	Mancos Conservation District	Mancos River Habitat and Diversion Project - Phase 2	Sep-12	\$20,000	\$99,340	\$119,340	Nonconsumptive	C150511	3/1/15
Southwest	Animas Airpark Property Owners Association	Animas Airpark Water Distribution System	Jan-13	\$20,000	\$0	\$20,000	Municipal & Industrial	13IBC000021	12/31/14
Southwest	Harris Water Engineering	Southwest Basin Implementation Plan	Sep-13	\$51,015	\$25,127	\$76,142	Needs Assessment	14IBC000016	1/31/15
Southwest	Ute Mountain Ute Tribe	Ute Mountain Ute Tribe Water Conservation and Management Plan	Sep-13	\$30,000	\$40,000	\$70,000	Needs Assessment	14IBC000019	1/31/16
Southwest	La Plata Water Conservancy District	La Plata River Water Resources Operations Model and SUPPLEMENTAL FUNDING	Sep-13	\$0	\$155,749	\$155,749	Agricultural	C150477	3/31/14
Southwest	Summit Reservoir and Irrigation Company	Evaluation of Potential Infrastructure Upgrades	Jan-14	\$26,000	\$0	\$26,000	Agricultural	14IBC000037	12/31/14
Southwest	Animas Valley Ditch & Water Company	Animas Valley Ditch & Water Co. Emergency Ditch Repair	Mar-14	\$30,000	\$0	\$30,000	Agricultural	14IBC000033	6/1/14
Southwest Basin Total Request				\$252,015	\$1,245,216	\$1,497,231			
Number of Projects		9							
Yampa/White	Yampa, Town of	Town of Yampa Water Facilities Plan and storage tank upgrades	Sep-08	\$61,062	\$0	\$61,062	Municipal & Industrial	9000000090	5/5/14
Yampa/White	Bear River Reservoir Company	Stillwater Reservoir Seepage Project	Sep-09	\$189,000	\$0	\$189,000	Agricultural	C150469	8/20/15
Yampa/White	Colorado State University	Improvement of Lysimeter Operations and Consumptive Use Quantification in High-Altitude, Irrigated Meadows in the Yampa /White Basin	Sep-10	\$10,000	\$10,978	\$20,978	Agricultural	11000000058	6/30/15
Yampa/White	The Friends of the Yampa	Yampa River Structures Project	Sep-11	\$50,000	\$0	\$50,000	Nonconsumptive	13IBC000006	12/31/14
Yampa/White	Rangely, Town of	Rangely Irrigation System Master Plan Study	Jan-13	\$12,500	\$0	\$12,500	Nonconsumptive	13IBC000015	12/31/14
Yampa/White	Routt County Conservation District	Armstrong Creek Restoration Project	Mar-13	\$15,000	\$35,000	\$50,000	Nonconsumptive	14IBC000011	12/31/15
Yampa/White	Community Agriculture Alliance, Inc.	Development & Implementation of Water Education & Networking 3 year Program of Discussions, Forums, Workshops Tours	Jul-13	\$30,000	\$0	\$30,000	Education	14IBC000008	11/30/15
Yampa/White	Colorado River Water Conservancy District	Yampa/White Basin Implementation Plan	Nov-13	\$100,000	\$0	\$100,000		C150547	12/31/14
Yampa/White	Rio Blanco Water Conservancy District	White River Storage Feasibility Study	Nov-13	\$67,500	\$67,500	\$135,000		C150546	7/1/14
Yampa/White	Moffat County	Yampa-White Basin Projects and Methods Analysis	Jan-14	\$58,000	\$152,000	\$210,000	Other	C150481	12/31/14
Yampa/White Basin Total Request				\$593,062	\$265,478	\$858,540			
Number of Projects		10							



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	Southeastern Colorado Water Activity Enterprise	Arkansas Valley Conduit	Mar-07	\$64,300	\$0	\$64,300	Municipal & Industrial	C150406		
Arkansas	Southeastern Colorado Water Conservancy District	Non-native Phreatophyte Trees & Mapping Project	Mar-07	\$0	\$0	\$0	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	80000000011		
Arkansas	El Paso County Water Authority	Ground Water Conference	Mar-07	\$24,721	\$0	\$24,721	Education	80000000010	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	80000000084	6/30/09	6/30/09
Arkansas	Round Mountain Water and Sanitation District	Round Mountain Water & Sanitation District Water System Improvements Project	May-07	\$120,000	\$0	\$120,000	Municipal & Industrial	C150403	9/2/09	9/17/09
Arkansas	Lower Arkansas Valley Water Conservancy District	Rotational Land Following-Water Leasing Program -Lower Arkansas Super Ditch Company	Jan-08	\$150,000	\$0	\$150,000	Agricultural	C150425	6/30/10	5/15/10
Arkansas	Upper Big Sandy Ground Water Management District	Upper Big Sandy Water Balance	Jan-08	\$45,000	\$0	\$45,000	Needs Assessment	80000000100		5/8/09
Arkansas	Southeastern Colorado Water Conservancy District	Model Transfers- Agriculture to Urban, Arkansas Basin	Jan-08	\$23,860	\$0	\$23,860	Agricultural	80000000135		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	90000000025		8/31/09
Arkansas	Las Animas, City of	City of Las Animas Water System Improvements	Mar-08	\$100,000	\$200,000	\$300,000	Municipal & Industrial	C150424	12/31/09	9/23/09
Arkansas	Colorado State Parks	Colorado State Parks Zebra Mussel Response	Mar-08	\$0	\$1,000,000	\$1,000,000	Other	C150416	6/30/09	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 w/in the Upper Ark River basin	Sep-08	\$75,000	\$210,332	\$285,332	Agricultural	C150439	12/31/11	9/7/11
Arkansas	Colorado State University	Geospatial Decision Support System for Integrated Water Management in the Arkansas River Basin	Sep-08	\$100,000	\$500,000	\$600,000	Needs Assessment	C150441	6/30/13	6/30/13
Arkansas	Lower Arkansas Valley Water Conservancy District	John Martin Wetlands & Neenoshke Reservoir Nonconsumptive Needs Quantification	May-09	\$148,975	\$0	\$148,975	Needs Assessment	C150457	6/30/12	6/28/12
Arkansas	Upper Arkansas Water Conservancy District	UAWCD Hydrologic Water Balance Study	Sep-09	\$0	\$180,000	\$180,000	Needs Assessment	C150460	6/30/13	9/25/12
Arkansas	Pueblo, City of	Bedload/Sediment Collection and Removal Technology - Fountain Creek	Sep-09	\$75,000	\$150,000	\$225,000	Nonconsumptive	C150465	6/30/13	6/30/13
Arkansas	Southeastern Colorado Water Conservancy District	Stakeholder'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	Purgatoire River Water Conservancy District	Trinidad/Purgatoire River Reach 4 Demonstration Project	Jan-11	\$75,000	\$0	\$75,000	Nonconsumptive	110000000131	12/31/12	12/31/12
Arkansas	Southeastern Colorado Water Conservancy District	The use of excess storage capacity in Blue Mesa Reservoir to avoid or reduce the impact of a Colorado River Compact curtailment in Colorado	Mar-11	\$24,500	\$98,000	\$122,500	Municipal & Industrial	C150496	6/30/13	3/7/13
Arkansas	Colorado State Parks	Helena Diversion Structure/BV Boat Chute Improvement Project	Mar-11	\$35,000	\$290,000	\$325,000	Nonconsumptive	C150507	1/15/14	3/11/14
Arkansas	Colorado Foundation for Water Education	Raising Awareness in 2012: A Statewide Celebration of Colorado Water	Mar-11	\$0	\$30,515	\$30,515	Education	110000000113	12/31/12	1/30/12
Arkansas	Sangre de Cristo RC&D Council Inc.	A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (CoAgMet)	May-11	\$0	\$0	\$0	Agricultural	121BC000006	6/30/15	
Arkansas	Pikes Peak Regional Water Authority	Rotating Agricultural Following Public Policy Working Group	Jul-11	\$20,000	\$0	\$20,000	Agricultural	121BC0000015		
Arkansas	Lower Arkansas Valley Water Conservancy District	Colorado Water 2012	Jan-12	\$6,255	\$0	\$6,255	Education	131BC000005	8/31/12	8/2/12
Arkansas	El Paso County by its Board of County Commissioners	Groundwater Quality Study - Phase 2 - Upper Black Squirrel Creek Alluvial Aquifer in the Arkansas River Basin	May-12	\$35,000	\$0	\$35,000		131BC0000018	3/31/15	12/26/13
Arkansas	Lower Arkansas Valley Water Conservancy District	Ag-Municipal Conservation Easement Demonstration	Sep-12	\$54,000	\$216,000	\$270,000	Agricultural	C150512	12/30/12	12/31/12
Arkansas	Upper Arkansas Water Conservancy District	Helena Diversion Structure/BV Boat Chute Improvement Project - Phase 2	Nov-13	\$43,125	\$0	\$43,125	Agricultural	141BC0000021	3/1/14	3/1/14

WSRA COMPLETED PROJECTS

Updated 5/6/2014



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Arkansas Basin Total Request				\$1,380,536	\$2,960,802	\$4,341,338				
Number of Projects		29								
Arkansas/Colorado/Gunnison/North Platte/Rio Grande/Southwest/South Platte/Metro	Pikes Peak Regional Water Authority	Basin Roundtable Project Exploration Committee: Flaming Gorge	Sep-11	\$23,000	\$50,004	\$73,004	Other	13IBC0000001	1/31/13	1/31/13
Arkansas/Colorado/Gunnison/North Platte/Rio Grande/Southwest/South Platte/Metro Basin Total Request				\$23,000	\$50,004	\$73,004				
Number of Projects		1								
Arkansas/Metro	El Paso County Water Authority	Flaming Gorge Project Task Force Assessment	May-10	\$60,000	\$0	\$60,000	Other	110000000008	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	Enlargement of Eagle Park Reservoir		\$100,000	\$400,000	\$500,000	Municipal & Industrial	C150401		
Colorado	Colorado River Water Conservation District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10,825)		\$0	\$200,000	\$200,000	Other	C150404		
Colorado	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment	Mar-07	\$40,000	\$0	\$40,000	Nonconsumptive	8000000012		
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 Conservation District	Upper Colorado Endangered Fish Recovery Alternatives Analysis (10,825)	Mar-07	\$0	\$200,000	\$200,000	Nonconsumptive	C150404	6/30/08	6/30/08
Colorado	Bull Creek Reservoir Canal and Power Co.	Bull Creek Reservoir No. 5 Spillway Adequacy Analysis	Sep-07	\$50,000	\$0	\$50,000	Agricultural	80000000039	6/30/10	2/25/09
Colorado	Basalt Water Conservancy District	Missouri Heights	Sep-07	\$25,000	\$0	\$25,000	Needs Assessment			
Colorado	Summit County	Old Dillon Reservoir	Mar-08	\$100,000	\$0	\$100,000	Municipal & Industrial	80000000049	3/31/14	4/14/14
Colorado	Grand County	Fraser Sedimentation Basin	Mar-08	\$60,000	\$127,900	\$187,900	Nonconsumptive	90000000026	6/30/09	3/2/10
Colorado	Grand County	Grand County Stream Flow Management Plan	May-08	\$100,000	\$0	\$100,000	Nonconsumptive	C150449	6/30/12	12/28/11
Colorado	Ruedi Water and Power Authority	Roaring Fork Watershed Assessment -Phase 2	May-08	\$40,000	\$0	\$40,000	Nonconsumptive	C150461	6/30/11	12/16/10
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	Nonconsumptive	90000000049	10/1/09	10/1/09
Colorado	Trout Unlimited	Battlement Reservoir #3 Dam reconstruction to enhance recreational & environmental opportunities	Sep-08	\$80,000	\$0	\$80,000	Municipal & Industrial	90000000052	8/31/09	9/2/09
Colorado	Northwest Colorado Council of Governments	Colorado Basin Nonconsumptive Needs Quantification	Mar-09	\$315,171	\$0	\$315,171	Needs Assessment	C150451	12/31/12	12/23/11
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	6/30/12	6/14/12
Colorado	Grand River Ditch Company	Grand River Ditch Pipeline	Sep-10	\$25,000	\$0	\$25,000	Agricultural		6/30/11	6/1/11
Colorado	Blue River Watershed Group	Upper Swan River Restoration Project	Mar-12	\$30,000	\$0	\$30,000	Nonconsumptive	11000000097	6/30/13	3/29/13
Colorado	Eagle River Watershed Council, Inc.	Colorado River Inventory & Assessment	May-12	\$30,000	\$0	\$30,000	Needs Assessment	12IBC0000021	12/31/13	12/31/13
Colorado Basin Total Request				\$1,060,171	\$2,427,900	\$3,488,071				
Number of Projects		18								
Colorado/Yampa/White	Grand Junction, City of	Energy Development Water Needs Assessment (300,000 Joint Application see Colorado)	Mar-08	\$0	\$300,000	\$300,000	Needs Assessment	C150407	3/31/11	
Colorado/Yampa/White Basin Total Request				\$0	\$300,000	\$300,000				
Number of Projects		1								
Gunnison	Upper Gunnison Water Conservancy District and Hinsdale County	Lake San Cristobal Controlled Outlet Structure		\$40,000	\$0	\$40,000	Municipal & Industrial	80000000021		12/28/08
Gunnison	Leroux Creek Water Users Association (LCWUA)	Safety and Serviceability Needs Inventory for Reservoirs in the Leroux Creek Drainage Basin	May-07	\$60,000	\$0	\$60,000	Agricultural	80000000008	6/30/11	6/30/11
Gunnison	Orchard City, Town of	Orchard City Water Reservoir Project (Task 1-3)	May-07	\$60,000	\$0	\$60,000	Municipal & Industrial	80000000007	6/30/08	6/30/08
Gunnison	Orchard City, Town of	Orchard City Water Reservoir Project (Remaining Tasks)	Sep-07	\$0	\$480,000	\$480,000	Municipal & Industrial	C150410	12/31/08	12/31/08



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account	Statewide Amount	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
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	8000000059		
Gunnison	North Fork River Improvement Association	Paonia-Feldman Diversion Reconstruction; North Fork of the Gunnison River (Part 1 and 2)	Sep-07	\$48,000	\$62,700	\$110,700	Agricultural	C150411	12/31/08	
Gunnison	Overland Ditch and Reservoir Company	Overland Reservoir Dam Expansion/Restoration	Sep-07	\$0	\$68,000	\$68,000	Agricultural	8000000038	9/30/12	9/30/12
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Phase II Engineering for Lake San Cristobal Outlet Modification	Jul-08	\$75,265	\$0	\$75,265	Municipal & Industrial	9000000041	6/30/11	4/8/11
Gunnison	Upper Gunnison River Water Conservancy District (UGRWCD)	Lake San Cristobal Outlet Structure Modification--Phase III	Nov-08	\$0	\$120,960	\$120,960	Municipal & Industrial	C150444A	6/30/11	
Gunnison	Ridgway, Town of	Ridgway Ditch and Lake Otonawanda Improvement Project	Mar-09	\$109,500	\$0	\$109,500	Municipal & Industrial	C150455	6/30/11	6/30/11
Gunnison	City of Grand Junction Water Enterprise Fund	Juniata Reservoir Spillway Modification	Mar-09	\$97,000	\$0	\$97,000	Municipal & Industrial	9000000088		
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Hartland Diversion Dam Fish Passage Feasibility Study	May-09	\$22,100	\$0	\$22,100	Nonconsumptive	9000000144	6/30/10	1/25/10
Gunnison	Ouray, City of	Development of Augmentation Supplies	May-09	\$50,000	\$0	\$50,000	Municipal & Industrial	10000000041	6/30/11	6/30/11
Gunnison	Valley View Irrigation Association	Valley View Irrigation Improvement	Mar-11	\$0	\$0	\$0	Agricultural	11000000127	12/31/11	7/26/11
Gunnison	Gunnison Gorge Anglers - Trout Unlimited	Relier Ditch Diversion Dam Design	May-11	\$20,650	\$0	\$20,650	Agricultural	121BC0000004	6/30/12	6/30/12
Gunnison	Painted Sky Resource Conservation and Development Council, Inc.	Hartland Diversion Dam -- Partial Dam Removal and Stabilization	Sep-11	\$0	\$0	\$0	Nonconsumptive	121BC000008	3/31/12	3/31/12
Gunnison	Grand Mesa Reservoir Company	Lining Outlet for Grand Mesa Reservoir #6	Nov-11	\$19,840	\$0	\$19,840	Agricultural	121BC000022	12/31/12	11/13/12
Gunnison	Delta Conservation District	North Fork of the Gunnison Invasive Weed Removal	May-12	\$20,000	\$0	\$20,000	Other	131BC000007	12/31/13	12/31/13
Gunnison	Colorado Open Lands	Lake San Cristobal Inlet Preservation and Fishing Access Project - Easement	Mar-13	\$16,700	\$150,300	\$167,000	Nonconsumptive	C150526	12/31/13	11/22/13
Gunnison	Grand Mesa Water Users Association	Replacement of Measuring Devices on Grand Mesa	Jul-13	\$40,000	\$0	\$40,000	Other	141BC000015	12/31/13	10/29/13
Gunnison Basin Total Request				\$735,755	\$881,960	\$1,617,715				
Metro	The Greenway Foundation	Chatfield Reallocation EIS/FR (South Platte BRT contributing \$27,000)	Mar-07	\$103,000	\$0	\$103,000	Municipal & Industrial			
Metro	East Cherry Creek Valley Water and Sanitation District	Zero Liquid Discharge Pilot Study	Sep-07	\$200,000	\$200,000	\$400,000	Municipal & Industrial	C150412		1/8/09
Metro	Parker Water and Sanitation District	Parker Water & San. & CO. State Univ Joint Project on the Rural/Urban Farm Model	Sep-07	\$150,000	\$0	\$150,000	Municipal & Industrial	C150413	12/31/09	10/2/09
Metro	South Metro Water Supply Authority	South Metro Water Supply Authority - Regional Aquifer Supply Assessment	Jul-08	\$100,540	\$0	\$100,540	Municipal & Industrial	C150430	12/31/09	12/31/10
Metro	The Greenway Foundation	South Platte River Recreation and Habitat Feasibility Study	Sep-08	\$150,000	\$0	\$150,000	Nonconsumptive	C150442	6/30/10	6/30/10
Metro	Douglas County Water Resource Authority	Feasibility Study for Bureau of Reclamation Funding from the National Rural Water Supply Act	Sep-09	\$100,000	\$500,000	\$600,000	Municipal & Industrial	C150470	6/30/13	6/30/13
Metro	Douglas County Water Resource Authority	Rotary Sprinkler Nozzle Retrofit	Sep-10	\$0	\$250,000	\$250,000	Municipal & Industrial	C150471	12/31/13	11/25/13
Metro	Colorado Foundation for Water Education	Educating Denver Metro elected officials and decision makers on solutions-oriented water supply planning	Jan-11	\$14,820	\$0	\$14,820	Education	11000000083	6/30/12	4/30/12
Metro Basin Total Request				\$818,360	\$950,000	\$1,768,360				
Number of Projects				8						
North Platte	Silver Spur Land & Cattle	New Pioneer Ditch Diversion Reconstruction Project	Mar-08	\$116,000	\$0	\$116,000	Agricultural	C150421	12/31/09	
North Platte	Walden, Town of	Town of Walden Water Supply Improvement Project	Jul-08	\$385,000	\$0	\$385,000	Municipal & Industrial	C150431A	9/30/11	9/30/11
North Platte	Colorado State University	Identification and assessment of important wetlands in N.P. River watershed	Sep-08	\$86,000	\$96,000	\$182,000	Nonconsumptive	C150433	6/30/10	6/30/10
North Platte	Walden Reservoir Company	Structure for Water Control	Jan-11	\$36,000	\$0	\$36,000	Agricultural	11000000087	11/30/11	11/7/11



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account	Statewide Amount	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
North Platte	Colorado Foundation for Water Education	Solicitation of stakeholder input through production of a North Platte Basin education package	Jan-11	\$14,040	\$0	\$14,040	Education	11000000084	6/30/12	6/25/12
North Platte	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion	Sep-11	\$128,828	\$0	\$128,828	Agricultural	C150488	12/31/13	12/10/12
North Platte	Jackson County Water Conservancy District	Structures for Water Control: Headgates and Diversion - Additional Funds Request	May-12	\$55,055	\$0	\$55,055		C150488	12/31/13	12/10/12
North Platte	Loban, Hackleman and Olsen LLC	Seneca Ditch - Structure for Water Control	Jul-12	\$57,539	\$0	\$57,539		13BC000011	4/22/13	
North Platte Basin Total Request				\$878,462	\$96,000	\$974,462				
Number of Projects				8						
Rio Grande	El Paso County Water Authority	Alamosa River In-stream Flow Project	Mar-07	\$64,500	\$0	\$64,500	Nonconsumptive	7000000076		6/30/08
Rio Grande	San Luis Valley Irrigation District	Preliminary Design Multi-Use Rio Grande Reservoir Rehabilitation and Enlargement	Mar-07	\$0	\$288,000	\$288,000	Agricultural	C150402	6/30/10	6/30/10
Rio Grande	Colorado Rio Grande Restoration Foundation	Rio Grande Basin Conservation Reserve Enhancement Program	May-07	\$36,750	\$0	\$36,750	Agricultural	8000000006		
Rio Grande	San Luis Valley Resource Conservation and Development Council	Alamosa River Watershed Restoration Project	Sep-07	\$0	\$104,000	\$104,000	Other	C150419		
Rio Grande	Romero Irrigation Company	Romero-Guadalupe Channel Rectification Project	Sep-07	\$83,700	\$0	\$83,700	Agricultural	8000000060		9/17/08
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative	Mar-08	\$200,000	\$1,300,000	\$1,500,000	Nonconsumptive	C150420		
Rio Grande	Santa Maria Reservoir Company	Santa Maria and Continental Reservoirs: Rehabilitation and Multiple Use Studies	Sep-08	\$72,000	\$141,700	\$213,700	Agricultural	C150443	6/30/12	6/30/12
Rio Grande	Colorado Rio Grande Restoration Foundation	2008 Rio Grande Riparian Stabilization Project	Sep-08	\$35,000	\$250,000	\$285,000	Nonconsumptive	C150452	12/31/12	12/31/12
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Restoration	Sep-08	\$50,000	\$200,000	\$250,000	Agricultural	C150448	6/30/11	2/3/11
Rio Grande	Manassa Land and Irrigation Company	Conejos River and North Branch Diversion and Stabilization	Sep-08	\$50,000	\$333,700	\$383,700	Agricultural	C150446	6/30/10	6/30/10
Rio Grande	San Luis Valley Irrigation District	Rio Grande Reservoir Multi-Use Rehabilitation: Refinement and Enhancement of Reservoir Reoperation and Optimization Model	Nov-08	\$100,000	\$0	\$100,000	Agricultural	C150437A	12/31/11	12/21/11
Rio Grande	El Codo Ditch Company	San Antonio River - El Codo Ditch Diversion and Rehabilitation	May-09	\$65,000	\$0	\$65,000	Agricultural	1000000001	12/31/09	12/8/09
Rio Grande	Trinchera Irrigation Company	Sangre de Cristo Trinchera Diversion Canal Restoration	Sep-09	\$50,000	\$200,000	\$250,000	Agricultural	C150458	7/31/11	10/22/10
Rio Grande	Colorado Rio Grande Restoration Foundation	Conservation Reserve CREP Phase II	Sep-09	\$31,500	\$0	\$31,500	Agricultural	10000000056	12/31/12	11/20/12
Rio Grande	Trinchera Irrigation Company	Shortfall Request - Sangre de Cristo Trinchera Diversion Canal Restoration	Jan-10	\$54,000	\$0	\$54,000	Agricultural	C150458	7/31/11	7/31/12
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Educating Today to Balance Tomorrow's Water Supplies & Needs	May-10	\$25,000	\$0	\$25,000	Education	11000000059	6/30/12	10/17/11
Rio Grande	San Luis Peoples Ditch Company	San Luis Peoples Ditch Upgrade and Rehabilitation Project - Phase I	May-10	\$40,000	\$0	\$40,000	Agricultural	11000000053	6/30/11	9/7/11
Rio Grande	Manassa Land and Irrigation Company	Conejos North Branch Water Conservation and Management	Jan-11	\$75,000	\$0	\$75,000	Agricultural	11000000109	6/30/12	6/25/12
Rio Grande	Colorado Rio Grande Restoration Foundation	The McDonald Ditch and Plaza Project, Phase I Planning	Jan-11	\$40,000	\$0	\$40,000	Agricultural	11000000102	12/31/11	12/22/11
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: North Rio Grande Ranch Conservation Easement	Mar-11	\$15,000	\$55,000	\$70,000	Nonconsumptive	C150489	12/30/11	12/30/11
Rio Grande	Conejos Water Conservancy District	Platoro Reservoir Crest of Dam Repair	Sep-11	\$15,000	\$135,000	\$150,000	Agricultural	C150495	12/31/12	10/20/12
Rio Grande	Sanchez Ditch & Reservoir Company	Sanchez Reservoir Rehabilitation - Phase I Assessment & Upgrade	Sep-11	\$10,000	\$85,000	\$95,000	Agricultural	12BC000013	7/31/12	6/13/12
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	Water 2012: The Rio Grande Basin Partnering for Colorado's Water Future	Nov-11	\$15,600	\$0	\$15,600	Education	12BC000017	12/31/12	12/19/12
Rio Grande	Rio Grande, County of	Rio Grande County Hydrogeologic Study	Jul-12	\$99,564	\$0	\$99,564	Other	13BC000008	12/31/13	12/31/12



Basin	Applicant	Name of Water Activity	CWCB Meeting	Basin Account Approved	Statewide Amount Approved	Total Request	Type of Water Activity	Number	Project Expiration Date	Final Date Closed
Rio Grande	Rio Grande Headwaters Land Trust	Rio Grande Initiative: Haywood Ranch Conservation Easement	Sep-12	\$25,000	\$400,000	\$425,000	Agricultural	C150514	12/31/13	12/19/13
Rio Grande	Colorado Foundation for Water Education	Solicitation of Stateholders Input & Advice through publication of a Rio Grande Edition of Headwaters Magazine	Jan-13	\$0	\$0	\$0	Education	13IBC000016		
Rio Grande	Rio Grande Watershed Conservation and Education Initiative	The Rio Grande Basin "Narrowing the Gap" for Colorado's Water Future	Mar-13	\$23,500	\$0	\$23,500	Education	13IBC000020	6/30/14	11/29/13
Rio Grande	Colorado Potato Administrative Committee (Area II)	Drip Irrigation Field Trial for Sustainable Potato Cropping in the San Luis Valley	May-13	\$40,000	\$0	\$40,000	Agricultural	13IBC000026	12/31/13	11/4/13
Rio Grande Basin Total Request				\$1,316,114	\$3,492,400	\$4,808,514				
Number of Projects				28						
South Platte	The Greenway Foundation	Chatfield Reallocation EIS/FR (Metro BRT contributing \$103,000)	Mar-07	\$27,000	\$0	\$27,000	Municipal & Industrial			
South Platte	Clear Creek County	Clear Creek Water Banking/High Altitude Storage	May-07	\$52,000	\$0	\$52,000	Municipal & Industrial	C8000000037		
South Platte	District 64 Reservoir Company	Ovid Reservoir Comprehensive Feasibility Study	Sep-07	\$176,000	\$0	\$176,000	Agricultural	C150417	12/31/11	4/13/12
South Platte	Ducks Unlimited, Inc.	Lower South Platte Wetland Initiative Phase I South Platte River, CO	Sep-07	\$0	\$278,476	\$278,476	Nonconsumptive	C150415	7/31/09	7/31/09
South Platte	Northern Colorado Water Conservancy District	Stage Discharge Data Loggers and Telemetry	Jan-08	\$48,800	\$0	\$48,800	Agricultural	80000000120	6/30/11	6/28/11
South Platte	Ducks Unlimited, Inc.	Weld County School Dist RE1 Wetland Partnership	Jul-08	\$41,210	\$0	\$41,210	Nonconsumptive	90000000063	12/31/13	
South Platte	The Nature Conservancy of Colorado	Arickaree River Well retirement program, Republican River basin, CO.	Sep-08	\$19,984	\$79,936	\$99,920	Agricultural	90000000084	3/29/14	2/28/14
South Platte	Greeley, City of	Halligan Seaman Water Mgmt project share vision planning model	Sep-08	\$25,435	\$76,305	\$101,740	Municipal & Industrial	C150436	6/30/10	6/30/10
South Platte	Ducks Unlimited, Inc.	Central South Platte Wetland Partnership	Mar-09	\$150,000	\$0	\$150,000	Nonconsumptive	C150454	6/30/12	6/30/12
South Platte	Fort Morgan Reservoir and Irrigation Company (FMRICO)	FMRICO Recharge & Wetlands Project	Sep-09	\$250,000	\$420,000	\$670,000	Agricultural	C150464	6/30/12	6/27/12
South Platte	Colorado State University	Colorado Agricultural Meteorological Network (CoAgMet)	Jul-10	\$20,000	\$0	\$20,000	Agricultural	11000000079	6/30/12	6/30/12
South Platte	Ducks Unlimited, Inc.	Development of Decision Support Model for Identifying & Ranking Waterfow and Wildlife Related Recharge Projects along the South Platte River	Sep-10	\$0	\$85,421	\$85,421	Nonconsumptive	12IBC000023	9/30/13	9/30/13
South Platte	Colorado Division of Water Resources	Data Logger Installation Project, South Platte River Basin	Mar-13	\$88,958	\$0	\$88,958	Other	C150519	6/30/13	6/30/13
South Platte Basin Total Request				\$899,387	\$940,138	\$1,839,525				
Number of Projects				13						
South Platte/Metro	Clear Creek County	Upper Mountain Counties Water Needs Assessment	May-08	\$174,350	\$0	\$174,350	Needs Assessment	C150429A	6/30/11	12/31/10
South Platte/Metro	Colorado Foundation for Water Education	Solicitation of Stakeholder Input through a South Platte Edition of Headwaters	Jul-08	\$48,057	\$0	\$48,057	Education	90000000019		
South Platte/Metro	Lost Creek Groundwater Management District	Lost Creek Aquifer Recharge and Storage Study	Jan-09	\$160,000	\$0	\$160,000	Municipal & Industrial	C150447	6/30/11	9/27/11
South Platte/Metro	The Greenway Foundation	South Platte River Recreation and Habitat Improvement Preliminary Design	Sep-11	\$50,000	\$200,000	\$250,000	Nonconsumptive	C150493	6/28/13	12/31/12
South Platte/Metro Basin Total Request				\$432,407	\$200,000	\$632,407				
Number of Projects				4						
Southwest	San Juan Water Conservancy District	Dry Gulch Reservoir/San Juan Reservoir Land Acquisition		\$0	\$1,000,000	\$1,000,000	Municipal & Industrial	C150408		
Southwest	Goodman Point Water Association	Goodman Point Water Association Pipeline Environmental Assessment	Mar-07	\$7,700	\$0	\$7,700	Municipal & Industrial	80000000075	7/31/09	
Southwest	Marcos Water Conservancy District	Jackson Gulch Reservoir Expansion Project	Jul-07	\$80,000	\$0	\$80,000	Municipal & Industrial	80000000076	6/30/09	6/30/09
Southwest	Goodman Point Water Association	Goodman Point Phase 2	Sep-07	\$20,000	\$120,000	\$140,000	Municipal & Industrial	C150462	6/30/12	3/16/11
Southwest	Bauer Lake Water Company	Bauer Lakes Water Co. Dam Outlet Structure Upgrade	Mar-08	\$40,000	\$0	\$40,000	Agricultural	10000000084	12/31/11	12/28/11
Southwest	La Plata West Water Authority	La Plata West Rural Water Supply System	Mar-08	\$100,000	\$1,000,000	\$1,100,000	Municipal & Industrial	C150422	6/30/09	6/30/09



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	Sawpitt, Town of	Town of Sawpitt Engineering/Planning for Domestic Water System; Southwest Basin	Mar-08	\$25,000	\$0	\$25,000	Municipal & Industrial	9000000006	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	9000000085	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	9000000127	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	9000000112	12/31/09	12/22/09
Southwest	Silverton, Town of	Molas Lake Ditch Rehabilitation and Diversion Structures	Jan-09	\$95,000	\$0	\$95,000	Municipal & Industrial	9000000143	12/31/11	11/18/11
Southwest	Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Mar-09	\$100,000	\$0	\$100,000	Nonconsumptive	C150450	6/30/11	6/30/10
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Ditch Loss, Hydropower, and Monitoring Improvement Program	Mar-09	\$100,000	\$0	\$100,000	Agricultural	9000000115	6/30/11	6/30/11
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam Incremental Damage Analysis (IDA) and Emergency Action Plan (EAP)	May-09	\$29,000	\$0	\$29,000	Agricultural	10000000061	6/30/12	6/29/12
Southwest	Park Ditch Company	Park Ditch Improvements	Jul-09	\$85,000	\$0	\$85,000	Agricultural	10000000011	6/30/11	12/9/09
Southwest	La Plata Archuleta Water District	La Plata Archuleta Water District Permitting	Sep-09	\$0	\$400,000	\$400,000	Municipal & Industrial	C150459	6/30/13	10/18/12
Southwest	Lower Blanco Property Owners Association	Lower Blanco River Restoration Project	Sep-09	\$0	\$150,000	\$150,000	Needs Assessment	C150468	6/30/12	12/17/10
Southwest	San Juan Resource Conservation and Development - Animas Watershed Project	Animas River Needs Assessment	Sep-09	\$57,000	\$0	\$57,000	Needs Assessment	11000000028	9/30/12	4/28/11
Southwest	Mancos Conservation District	Mancos River Diversion Project, Phase I	Nov-09	\$24,753	\$0	\$24,753	Nonconsumptive	10000000111	12/30/10	6/7/11
Southwest	Mancos Valley Resources Inc.	Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production	Nov-09	\$31,500	\$0	\$31,500	Agricultural	100000000125	6/30/12	6/30/12
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Canal Seepage Reduction Project	Nov-09	\$0	\$225,000	\$225,000	Agricultural	C150463	6/30/11	6/30/11
Southwest	Nonwood, Town of	Raw Water System Update and Future Needs Study	Jan-10	\$58,458	\$0	\$58,458	Municipal & Industrial	10000000085	6/30/11	6/30/11
Southwest	Florida Mesa Canal Companies (Florida Canal, Florida Farmers Ditch, Florida Enlargement Ditch, and the Florida Co-operative Ditch Company)	Canal Seepage Reduction Program	Sep-10	\$0	\$775,000	\$775,000	Agricultural	C150475	6/30/13	6/30/13
Southwest	Dolores Water Conservancy District	Totten Reservoir Hydrographic Survey	Nov-10	\$29,500	\$0	\$29,500	Agricultural	110000000114	12/31/11	12/28/11
Southwest	San Juan Citizens Alliance	A Way Forward: The Dolores River Below McPhee Reservoir	Nov-10	\$25,000	\$0	\$25,000	Nonconsumptive	12IBC0000011	12/31/12	3/16/12
Southwest	Animas La Plata Water Conservancy District	Recreational Plan for Lake Nighthorse	Nov-10	\$25,000	\$0	\$25,000	Nonconsumptive	12IBC000005	12/31/11	10/21/11
Southwest	La Plata River and Cherry Creek Ditch Company	La Plata Cherry Creek Ditch Headgate Improvement Project	Nov-10	\$25,000	\$0	\$25,000	Agricultural	12IBC000014	8/31/12	6/11/12
Southwest	Aspen Springs Metro District	Aspen Springs Metro Water Filling Station	Nov-10	\$30,000	\$0	\$30,000	Municipal & Industrial	13IBC000002	7/31/13	6/30/13
Southwest	Montezuma Valley Irrigation Company	Groundhog Reservoir Bathymetric Survey	Mar-11	\$0	\$0	\$0	Agricultural	12IBC000003	6/30/12	6/30/12
Southwest	Rico, Town of	Town of Rico Alluvium Pipeline Water Supply Project - Well Drilling and Water Quality Testing	Mar-11	\$20,000	\$80,000	\$100,000	Municipal & Industrial	11000000122	6/30/12	3/16/12
Southwest	Montezuma Valley Irrigation Company	Improved Water User, Conservation, Management and Operations through the Implementation of Water Accounting Software	Sep-12	\$52,500	\$0	\$52,500	Agricultural	13IBC000012	12/31/14	1/22/14
Southwest	Red Mesa Dam & Reservoir Company	Red Mesa Dam & Reservoir - Spillway Alternatives Analysis	Sep-12	\$19,400	\$0	\$19,400	Agricultural	13IBC000009	9/30/13	9/27/13
Southwest	Animas Consolidated Ditch Company	Animas River Diversion Headgate Monitoring Study	Mar-13	\$14,500	\$0	\$14,500	Agricultural	13IBC000023/14IBC-30	2/28/14	2/24/14



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 Basin Total Request				\$1,283,611	\$3,750,000	\$5,033,611				
Number of Projects		33								
Yampa/White	Upper Yampa Water Conservancy District	Morrison Creek Reservoir Feasibility Study	Jul-07	\$49,500	\$0	\$49,500	Municipal & Industrial	8000000058	3/31/08	
Yampa/White	Moffat County	Agricultural Water Needs Assessment	Jan-08	\$0	\$0	\$0	Needs Assessment	C150418	12/31/10	12/31/10
Yampa/White	Steamboat Springs, City of	Common Data Repository	Jan-08	\$106,600	\$0	\$106,600	Other	C150423	6/30/10	12/29/10
Yampa/White	Vermillion Ranch	Sparks Reservoir	Jul-08	\$16,000	\$0	\$16,000	Agricultural	9000000039	12/31/08	
Yampa/White	Moffat County	Sandwash basin coalbed methane production depletive effects on water resources	Sep-08	\$20,000	\$98,835	\$118,835	Municipal & Industrial	C150435	6/30/11	6/8/11
Yampa/White	Colorado Foundation for Water Education	Headwaters Magazine - January 2010	Sep-09	\$20,000	\$0	\$20,000	Education	10000000050	6/30/10	6/30/10
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	Colorado River Water Conservation District	Yellow Jacket Water Storage Feasibility Study	Jan-10	\$220,800	\$0	\$220,800	Agricultural	C150472	6/30/13	
Yampa/White	The Nature Conservancy of Colorado	Yampa White Basin Nonconsumptive Needs Assessment Watershed Flow Evaluation Tool	Jan-10	\$169,002	\$0	\$169,002	Nonconsumptive	C150466	6/30/12	6/30/12
Yampa/White	North Delta Irrigation Company	Tunnel Reconstruction Project	Mar-14	\$77,066	\$0	\$77,066	Agricultural	C150498		
Yampa/White Basin Total Request				\$688,968	\$98,835	\$787,803				
Number of Projects		10								

**May 21-22, 2014 Board Meeting
Instream Flow and Natural Lake Level Program
Summary of Resolved Opposition Cases**

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

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; the Director has authorized the Attorney General's Office to enter into stipulations that protect the CWCB's water right(s).

(1) Case No. 1-10CW309 – Application of Black Hawk

The Board ratified this statement of opposition at its March 2011 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water rights does not injure the Board's instream flow water right on North Clear Creek by expansion of use or a change in pattern of storage. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-87CW273	North Clear Creek	1.5	12/11/1987	Clear Creek	Clear Creek

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

- Applicant acknowledges that the Colorado Water Conservation Board's ("CWCB's") instream flow water right for North Clear Creek decreed in Case No. 87CW273, District Court, Water Division 1, is senior in priority to the conditional water rights changed by this decree. The CWCB's instream flow right applies to the natural stream channel from North Clear Creek's confluence with Pine Creek (SW/4 of Section 28, T2S, R73W, 6th P.M) as the upstream terminus and extending to North Clear Creek's confluence with Chase Gulch (Quartz Valley) in the SW/4 NW/4 of Section 7, T3S, R72W, 6th P.M. as the downstream terminus. Applicant shall neither divert the original water rights nor divert the water rights changed herein at any point of diversion in or above the above-described protected stream segment for North Clear Creek when the CWCB's instream flow water right decreed for 1.5 c.f.s in Case No. 87CW273 is not satisfied.
- Applicant shall notify the Division Engineer or his designated representative when Applicant is storing water pursuant to this decree. All water stored out of priority shall be promptly released to the stream without use upon the direction of the Division Engineer and/or the Water Commissioner.

(2) Case No. 1-12CW303 – Application of Black Hawk

The Board ratified this statement of opposition at its March 2013 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change and plan of augmentation do not injure the Board's instream flow water rights on North Clear Creek and Leavenworth Creek. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water rights will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
1-87CW273	North Clear Creek	1.5	12/11/1987	Clear Creek	Gilpin
1-85CW418	Leavenworth Creek	105	11/15/1984	Clear Creek	Clear Creek

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

- The Applicant agrees not to divert the water rights changed herein at the alternate points directly or by exchange at any point of diversion located in or above the protected stream segment on North Clear Creek, described in paragraph 2 of the decree in Case No. 87CW273, at times when the flows in North Clear Creek are less than the CWCB's instream flow water right for North Clear Creek is less than 1.5 cfs as decreed in Case No. 87CW273. The Applicant agrees not to divert the water rights changed herein directly or by exchange at Green Lake's diversion structures on Leavenworth Creek at times when the flows in Leavenworth Creek in the protected stream segment described in paragraph 2 of the decree in Case No. 85CW418 are less than the CWCB's instream flow water right for 1.5 cfs as decreed in Case No. 85CW418.

(3) Case No. 2-95CW234 - Application of Upper Arkansas WCD

The Board ratified this statement of opposition at its January 1996 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plan does not injure the Board's instream flow water right on Lake Creek. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
2-80CW70	Lake Creek	5	5/7/1980	Arkansas Headwaters	Freemont, Custer

CWCB did not stipulate in this case. The case was dismissed and closed on April 30, 2014.

(4) Case No. 4-10CW192 – Application of San Miguel Valley Corporation and Aldasoro Ranch Homeowners Co.

The Board ratified this statement of opposition at its March 2011 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed plan for augmentation does not injure the Board's instream flow water rights on the San Miguel River and Deep 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 rights will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
4-84CW429	San Miguel River	20	7/13/1984	San Miguel	San Miguel

4-84CW427	San Miguel River	6.5	7/13/1984	San Miguel	San Miguel
4-84CW434	Deep Creek	4	7/13/1984	San Miguel	San Miguel

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

- In connection with the diversion of water under the junior priorities of any of the water rights decreed herein, at any time when the stream flow of the San Miguel River (downstream from the diversion points for these water rights) is less than the amounts decreed to the CWCB in Case Nos. 84CW427 and 84CW429 Applicant agrees to either: (i) Curtail its diversions; or (ii) Replace the depletions in time and amount, upstream from the place where the depletions reduce the minimum in-stream flow to below its decreed rate of flow by reservoir releases. Such reservoir releases, as discussed in Paragraph 16.D., above, may include releases above the confluence of Remine Creek and the San Miguel River through the Augmentation Pipeline, as may be necessary to prevent injury.
- In connection with the diversion of water under the junior priority water rights decreed herein, and the accompanying augmentation plan, at any time when the stream flow of the San Miguel River (downstream from the diversion points for these water rights) is less than the amounts decreed to the CWCB in Case Nos. 84CW427 and 84CW429 Applicant agrees to replace the depletions in time and amount, upstream from the place where the depletions impact the river system. Applicant may make such replacements through releasing stored water to the affected reach provided that such replacements are made in time and amount upstream from the place where the depletions impact the river system.
- In connection with the diversion of historical consumptive use under the changed senior priority water rights identified herein, at any time when the stream flow of the San Miguel River (downstream from the historical return flow locations to Remine Creek from original irrigation use of these water rights) is less than the amounts decreed to the CWCB in Case Nos. 84CW427 and 84CW429, Applicant agrees to replace the historical return flow amounts (column 4, Table B) in time and amount, upstream from the place where the return flow once accrued to the river system, as shown on the Exhibit B map, being the terminus of the Augmentation Pipeline at the San Miguel River, at or near the location of TAP Well Nos. 5 and 6. Applicant may make such replacements through releasing stored water to the affected reach provided that such replacements are made in time and amount upstream from the place where the depletions impact the river system.

(5) Case No. 4-12CW151 – Application of Mountain Coal Company

The Board ratified this statement of opposition at its March 2013 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change does not injure the Board's instream flow water right on the North Fork Gunnison River by expansion of use or change in pattern of storage. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
4-84CW400	North Fork Gunnison River	30/60	5/4/1984	North Fork Gunnison	Gunnison

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

- The cumulative volume of water that may be held in storage in the Surface Storage Facilities and the Underground Storage Facilities at one time pursuant to the priorities of the Changed Surface Storage Water Rights shall be limited to 43.46 acre-feet, based on the volumes decreed to the Changed Surface Water Storage Water Rights.
- In order to prevent an expansion of use of the Mt. Gunnison Pipeline water right as changed in Case No. 80CW458 when used to store water in the alternate places of storage, (1) when that water right (1976 priority) is used to divert water into the Underground Storage Facilities for storage therein pursuant to the Changed Surface Storage Water Rights (i.e. into the Northeast Panels Sealed Sump via Fresh Water Pond No. 1), diversions will be limited to a rate of flow of 6.08 c.f.s., being the maximum rate at which water has been historically diverted at the Mt. Gunnison Pipeline; and (2) when the Mt. Gunnison Pipeline water right (1976 priority) is used to divert water into the Surface Storage Facilities for storage therein, diversions may be at a rate of flow of 15.0 c.f.s., as provided in Case No. 80CW458. However, when the Mt. Gunnison Pipeline water right (1976 priority) is used on a direct flow basis (i.e. pursuant to its original decree), diversions may be at a rate of flow of 15.0c.f.s.
- In order to prevent an expansion of use of the Chipmunk Ditch Priority No. J-226 changed herein, in-priority diversions of Priority No. J-226 shall be limited to the period between May 1 and July 15 of each year.
- Applicant has withdrawn and dismissed its claim set forth in Paragraph 3.B.2.a. of the application filed herein for an alternate point of diversion of Fresh Water Pond No. 1 and Fresh Water Pond No. 2 at the Mt. Gunnison Pipeline.

(6) Case No. 5-12CW185 – Application of Town of Carbondale

The Board ratified this statement of opposition at its March 2013 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water rights does not injure the Board's instream flow water right on the Crystal River by expansion of use. Staff, in cooperation with the Attorney General's Office, has negotiated a settlement to ensure that the CWCB's instream flow water right will not be injured.

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

CWCB Case No.	Stream/Lake	Amount (cfs)	Approp. Date	Watershed	County
5-75W2720	Crystal River	60/100	5/1/1975	Roaring Fork	Pitkin, Garfield

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

- The Town shall limit the place of use of the portion of its Ella Ditch water rights changed herein to irrigation of the 8.1 acres of historically irrigated lands shown in decree Figure 2.
- The Town agreed to limit its change of water rights to the amount necessary to irrigate the 8.1 acres thus reducing its claim to change 2.5 cfs to only change 0.68 cfs.

(7) Case No. 5-13CW012 – Application of Grand Lake Metropolitan Recreation District

The Board ratified this statement of opposition at its May 2013 meeting. The Board's main objective in filing the statement of opposition in this case was to ensure that the Applicant's proposed change of water

rights does not injure the Board's instream flow water rights on the North Fork Colorado River by expansion of use and failure to maintain return flows. 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
5-87CW276	North Fork Colorado River	10/18	10/2/1987	Colorado	Grand

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

- By agreement with the Colorado Water Conservation Board ("CWCB"), pursuant to section 37-92-102(3)(b), C.R.S. (2013), and in recognition of the District's historical water uses and practices that preceded the CWCB's appropriation of an instream flow water right on the North Fork Colorado River in Case No. 87CW276, the District may divert its 1.5 cfs Harbison Ditch water right for the changed purposes only up to the limits provided in this decree. The District's water use for its changed purposes at its changed place of use, and the corresponding dry-up of decreed irrigated lands at the Harbison Ranch, occurred prior to the CWCB's appropriation of a water right for instream flow purposes on the North Fork of the Colorado River in Case No. 87CW276. The subordination of the instream flow water right to the Applicant's water use decreed herein pursuant to section 37-92-102(3)(b) shall not interfere with the administration of the Harbison Ditch water right in priority as against all other water rights and shall not result in general subordination of the CWCB's decreed North Fork Colorado River instream flow right to any other water rights junior to such instream flow water right.