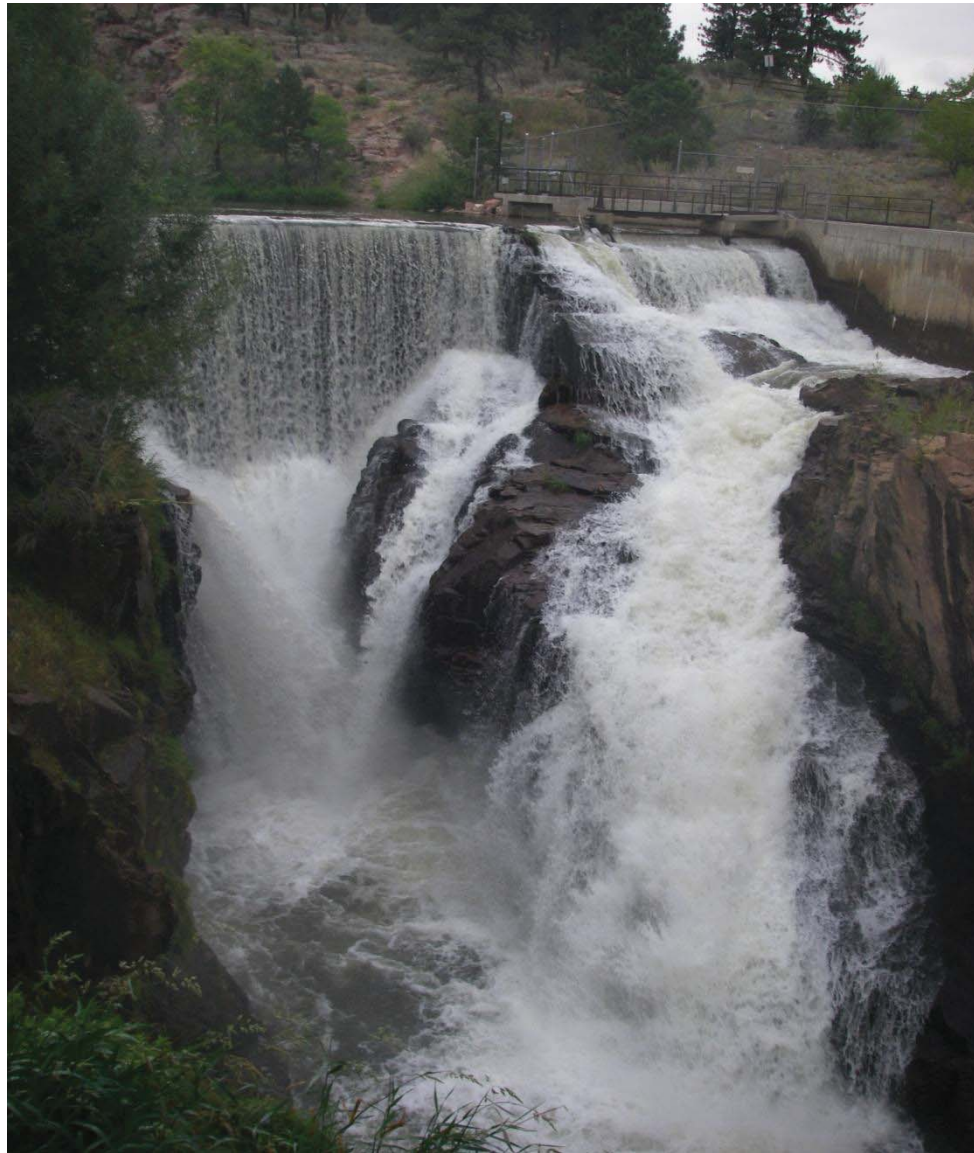


Division 1 Annual Report



Home Supply Dam (photo by Jason Smith)

Irrigation Water Year 2009

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WATER SUPPLY AND ADMINISTRATION

Accomplishments and Innovative Administration

The Division continues to address the administrative challenges associated with increasing water demand. There seems to be a never ending stream of new augmentation plans and water right change case decrees associated with population growth. Not only are there more decrees, to assure non-injury they continue to increase in complexity as the value of the water resource grows. As an example of the water user focus and complexity of these cases, ten parties appealed a decree recently issued by the Water Court in a major change case and augmentation plan for Farmers Reservoir and Irrigation Company and East Cherry Creek Valley Water and Sanitation District.

The increased demand for water has required the Division to intensify its efforts concerning water measurement and accounting of water usage. Specifically, the Division continues to extend its data logger and telemetry program as discussed later in this report. The Division also has expanded its very successful well augmentation and municipal accounting auditing programs. In this regard, the Water Commissioner of the Year award was presented to our Augmentation Plan Operations Specialist, Caren Aguilar.

The Division also successfully administered a 25% increase in new recharge facilities including measurement, monitoring, and accounting. There are now well over 400 recharge facilities in Division 1. These recharge facilities have been installed in response to more demands for well augmentation as a result of the increasing competition for water and dry conditions since 2001.

Not only has the Division focused on water administration, but also on water education. In this regard, over 250 people attended the

first ever Ditch and Reservoir Operators Workshop held in Greeley on March 9, 2009. Unlike other symposiums and conferences which tend to focus on long term planning and supply issues for managers, this workshop focused on the specifics of actually operating a ditch or reservoir. The conference was a great success and is aligned with the Division's mission to educate users to assist in assuring the maximum beneficial use of the state's available water while protecting water rights users.

Division 1 personnel were also involved in preparing the materials and teaching the first court "Water Law 101" course in response to the Colorado Supreme Court educational direction to insure the highest level of competence in water court case participants.

The Division continues to fill the gap created by several positions being left open throughout the year partially because of state budget issues.

Water Supply Conditions

The carryover storage in Division 1 was approximately average as we entered the 2008-2009 water year beginning November 1, 2008. Diversions and calls for water in November below Denver along the South Platte were for storage as the irrigation season ended. Upstream diversions on the mainstem and tributaries were also primarily for storage purposes with continued diversions for direct flow municipal use for water providers.

Storage was limited during a portion of December, 2008, because the cold weather created icing conditions. This is often the case as we move into winter. Because of the limitations in storage, there were free river conditions along the South Platte downstream of Denver for much of the month. Warmer conditions by the end of the month allowed for increased storage and once again brought about call conditions for storage.

The relatively warm winter conditions in January and February, 2009 were excellent for storage as there were no limitations due to icing during the month and overall flow was average or above throughout the basin. With the warm conditions, significant progress was made in filling most reservoirs on the mainstem and the tributaries.

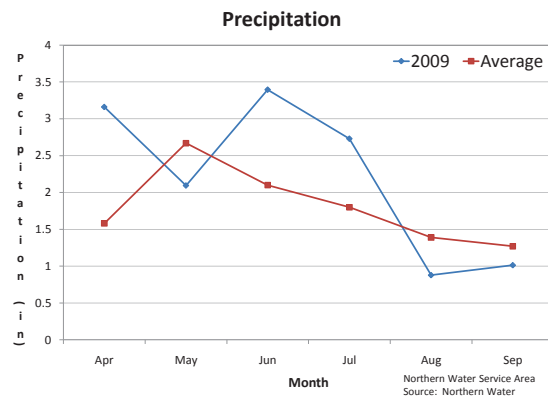
Because of the continued dry, warm conditions on the plains in March, it appeared that there would be water shortages for irrigation and thus an early spring direct flow call on the mainstem of the South Platte and the tributaries by the beginning of April. This would have been an extremely early date for a direct flow call. However, a large widespread snowstorm March 27th significantly improved conditions through the whole basin delaying the direct flow call.

As an indication of increased river flow, the gage at Kersey, a good gage for evaluating overall flow conditions, increased from a flow of approximately 300 cfs before the March 27th storm to a sustained flow of over 700 cfs after the storm. The storm allowed continued storage and recharge to occur in the basin. The snow also dramatically improved the prospects for the winter wheat crop.

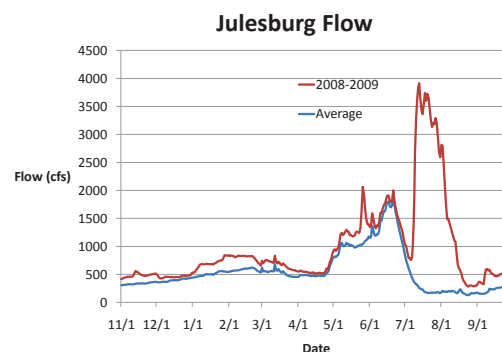
April continued to be wet on the plains with snow/rain events in the latter half of the month. Owners of most major irrigation reservoirs along the South Platte and its tributaries were able to finish filling their reservoirs. In addition, irrigators did not have to “water up” their crops because of the positive soil moisture conditions. Likewise, all major municipal water suppliers along the front range were in an excellent water supply situation.

The call in May was generally for irrigation purposes, though the supply and weather conditions were such that the call was very junior the entire month. Reservoir storage remained in good condition throughout the basin as users did not need this supply due to the favorable weather.

June was an incredibly wet, cool month throughout the South Platte basin. As example, the 4.86 inches of rain in the Denver area was the second wettest June since they started collecting records in 1872. Because of the wet conditions, there was ample water for all users and thus no call in June on the mainstem of the South Platte after June 2, 2009. Likewise, there generally was not a call on most tributaries for a majority of the month. Since it was so wet, there was little irrigation demand compared to usual and a primary use of water on the mainstem was for recharge purposes. Even recharge was limited in some areas because recharge areas were full.



Of note, the available flow for users in the South Platte in Colorado flowing across the state line in excess of Colorado compact requirements in 2009 was over 130,000 acre-feet in June. This was in contrast to 2008 when users with priorities junior to 1897 in the lower river (the compact call date in District 64) were curtailed almost the entire month of June because of the compact.

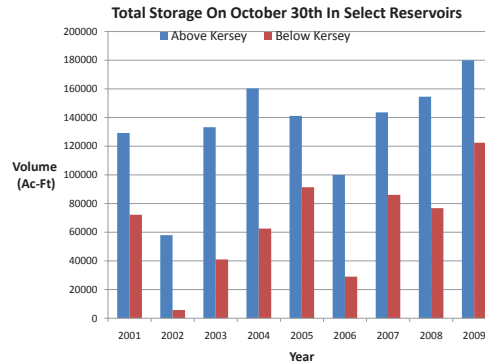


The wet conditions did keep some farmers from cutting hay and/or from properly drying it out so that it could be bailed and sold for feed. This had a negative impact on the value of the hay. Hail also caused crop damage in certain areas.

The unusually cool and wet conditions continued during the month of July. Flow conditions this high had not occurred since 1995, a year of sustained flooding flows on the South Platte. This was very surprising as July is usually hot and dry in even good water years. Because of the wet, cool conditions, there was no call on the main stem of the South Platte until the tenth day of July and the call on the main stem and tributaries the remainder of the month was extremely junior for July. In contrast, a senior irrigation call generally exists every day on the main stem of the South Platte during July even in wet years. Almost all major reservoirs on both the tributaries and main stem remained near full as there was little demand for this supply in July.

Weather conditions were slightly dryer than average in August. However, water supply conditions remained very good during the month due to the very wet proceeding months. The call for water on the main stem of the South Platte remained more junior than most years.

There were calls for water on the tributaries during most of September and October, but in general these calls continued less senior than in most years as we ended a very positive water year for both irrigators and municipal suppliers. Because of the positive conditions, major municipal and irrigation reservoirs remained at higher storage levels than in several years. The significant carryover will provide a good start to the following water year.



Accounting Review

Prior to 2009, the augmentation plan coordinator completed an initial review of the majority of the larger augmentation plans in water districts 1 and 64. This year, the coordinator focused on reviewing the accounting for augmentation plans in some of the tributaries along with continued review of some of the more complicated plans on the mainstem of the South Platte.

To memorialize the accounting review process, the Division office drafted the Administration Guideline for Accounting Acquisition and Review. The guideline was created with the intention of promoting a systematic approach to the process of reviewing accounting required for the administration of water in the South Platte River basin.

The Sterling office team continues to incorporate the numerous innovative tools being created in coordination with the Lower South Platte Water Conservancy District and Northern Colorado Water Conservancy District into the diversion records process. We are hopeful these tools will be beneficial to all water commissioners within the division.

The municipal operations coordinator continued work to assure that the claim for reusable water, either directly or by exchange, by municipal suppliers was in accordance with decrees. This included the review of both accounting and measurement information.

Well Administration

The state and division engineers brought three complaints in water court against well owners for illegal well pumping in 2009. The steady decline in complaints continues to be attributed to an active presence in the water districts, but the Division is beginning to witness an increase in the creativity from the well owners concealing illegal diversions.

Division staff is also seeing an increase in the number of irrigation wells that have been previously ordered to cease pumping being re-permitted for exempt uses, such as livestock watering. Division staff has allowed the owners to proceed with re-permitting these wells provided they comply with vacating the existing underground water right for irrigation and filing for a new exempt permit with the State Engineer's office. Because the well casing size for an irrigation well is generally larger than the necessary size of a well having an exempt pumping rate, the Division staff has began requiring the well owners to make modifications to the existing well casing.

In 2009, the well enforcement program primarily focused on curtailing illegal well pumping in Water District 3; the Cache la Poudre river basin. The enforcement presence in the district was so extremely effective that there was an influx of new member well owners petitioning to join the Cache la Poudre plan for augmentation. The demand to join the plan was so overwhelming, that in the fall of 2009 the administrators for the augmentation plan ceased admitting new wells into the plan.

Data Logger and Telemetry Installation

The installation of data loggers and telemetry in Division 1 continues to be very successful. The increase in diversion and stream flow data on the web has improved administration because users and DWR staff are immediately aware of any problems associated with diversion quantities. It also has improved trust between users by providing real time

information and confirmation that all users are operating in accordance with their water rights.

In addition to filling in some gaps along the mainstem, the Division was able to secure funding from the Saint Vrain Left Hand Water Conservancy District in 2009. The District approved the purchase of cell phone telemetry equipment for 13 diversion structures in District 5 at a cost of \$15,400 for the installation of more data loggers. The funding from Saint Vrain Left Hand is part of a two year program to install data loggers on all major diversion structures within the District 5 drainage. Installation of these data loggers is now complete. Division staff is also looking toward the purchase of additional telemetry which will allow installation of remaining necessary data loggers in District 5 and begin a program to install data loggers and telemetry in District 4. Northern Colorado Water Conservancy District, a cooperator in the program, installs and operates the network.

Protocols

To administer augmentation plans in a fair, consistent, and transparent manner, Division 1 is committed to creating new protocols when deemed necessary and updating those protocols when clarification is required or when the administrative objective is modified. In 2009, the Augmentation Plan Accounting protocol was updated to refining the accounting reporting requirements. A new protocol was created for the purpose of establishing the minimum standards for the use of a source of replacement water not specifically described in a substitute water supply plan or augmentation plan.

It is important to stress that these protocols are not meant to replace decree conditions, but rather supplement the decrees. With the intent of making the protocols more accessible to the public, the current versions of all Division 1 protocols can be obtained from the Division of Water Resources website.

Republican River Basin and Compact Compliance

Surface and ground water within the Republican River basin is governed by the 1942 Republican River Compact, with current administration of the Compact under the Final Settlement Stipulation in Kansas v. Nebraska and Colorado accepted by the US Supreme Court in October 2003. The Settlement Stipulation sets a five year running average compliance period for each state's compact entitlement.



South Fork Republican River (photo by Jim Martin)

As previously reported, the Republican River Water Conservation District was created in 2004 to be the local body within Colorado working with the State to assure compliance with the Compact. The District has been able to retire over 30,000 irrigated acres in the basin through a combination of its own funds as well as the Federal EQIP and CREP programs. The District has also been purchasing and "retiring" active surface water rights in the basin. Both of these efforts are aimed at increasing stream flow at the compact compliance

measurement points to bring Colorado into compliance with its Compact entitlement.

The State of Colorado has also taken the following actions to bring Colorado into compliance:

- A) Colorado was able to fill all of the four full-time positions created in 2008 to implement the Well Measurement Rules and assist with Compact compliance. Three of these new positions are located within the basin, but are supervised from the Denver Office;
- B) Colorado began implementation of the Well Measurement Rules applicable to all large capacity wells in the basin. The rules required that by March 1, 2009 each well pumping over 50 gpm either: 1) install and have certified as accurate a totalizing flow meter or; 2) have a power conversion coefficient (PCC) calculated by an authorized individual or; 3) be certified as inactive by the owner;
- C) Colorado continues working with the U.S. Bureau of Reclamation, Colorado Division of Wildlife, and Colorado State Parks on the operation of Bonny Reservoir on the South Fork of the Republican River to assist in compact compliance. This is a complex and difficult issue due to the recreation and wildlife issues associated with Bonny, but the State Engineer has ordered several releases of water stored in Bonny;
- D) As discussed in last year's report, Colorado continues the process of promulgating Compact Compliance Rules applicable to all water rights, surface and groundwater in the basin.

Finally, as discussed in reports for the last several years, Colorado continues to work on the Compact Compliance Pipeline. Colorado and the Republican River Water Conservation District submitted an application to the Republican River Compact Administration for approval of the pipeline in March 2008. Discussions and negotiations between Colorado, Kansas,

and Nebraska occurred during much of 2008 and 2009. In August 2009, Colorado presented a resolution for approval of the Compact Compliance Pipeline to the Republican River Compact Administration. The resolution was not approved and Colorado moved the matter to non-binding arbitration, but an arbitrator was not chosen until December 2009. The results of the arbitrator's decision will be given in next year's annual report.

South Platte Decision Support System

The South Platte Decision Support System (SPDSS) development has continued throughout 2009. Following are key milestones:

The Irrigated Acreage Assessment has been completed and a summary report prepared for the following years; 1956, 1976, 1987, 1997, 2001 and 2005. The summary report, which is available on the SPDSS website includes estimates of irrigated acreage, crop type, irrigation method (flood or sprinkler) and water supply (surface water only, conjunctive surface and ground water or ground water only). Work will proceed to complete the 1997 irrigated acreage evaluation and the 2010 irrigated acreage evaluation by verifying the type of crops that will be irrigated this season. The remaining irrigated acreage evaluation will be done in-house by the CWCB and DWR.

The consumptive use analysis has been completed and posted. This report builds on the irrigated acreage assessment described above and includes irrigation water requirement and water supply limited consumptive use estimates by ditch and water district from 1950 to 2006. It also estimates historic pumping and non consumed water (potential return flows) for use by the SPDSS ground water model. Based on new information provided from Division 1 personnel and comments provided by the SPDSS Ground Water Technical Review Team, the 2003-2006 consumptive use analysis has been refined to address well administration reflected in the 2005 irrigated acreage snap shot.

The SPDSS alluvial ground water model development has moved from data collection to model calibration. In 2009 the focus was developing a steady state calibration from 1991-1994 using both manual and automated calibration techniques. After completing the steady state analysis, a transient calibration extending from 1999 to 2006 and validation extending from 1950 to 2006 are expected to be completed in 2010.

The development of the Water Resource Planning Model for the South Platte Basin has been delayed due to retirement of key DWR personnel. This pilot study, extending from Kersey to the Stateline, successfully demonstrated the ability to model well augmentation plans, recharge systems, terms and conditions associated with a water transfer, meadow rights, call reporting, and the Platte River Compact. In 2010, work on the calibration will continue and a peer review will be performed. Depending on funding availability, a contract will be awarded to extend the application to the entire South Platte drainage.

COMMUNITY INVOLVEMENT

Water Meetings

Personnel of Division 1 continue to attend and participate in Conservancy District and Ditch Company meetings as well as meetings of water user, realtor, and homeowner groups. Division 1 staff also continues participating in the Lower South Platte Irrigation Research and Demonstration Project advisory committee to examine alternatives to the traditional "buy and dry" approach to water transfers from irrigation to municipal use.

Colorado Water Officials (CWOA) Annual Conference and State Engineer's Forum

After a seven year rotation through the other divisions, the Division 1 Office was again tasked with hosting the annual CWOA Conference this last fall. For

the first time, the conference was combined with the annual State Engineer's Office Forum. Amidst many challenges during planning, including the economic downturn resulting in a mandatory furlough being scheduled on the last day of the conference, it turned out to be an outstanding event. There were many other "firsts" that occurred. The conference entitled "Sustainability: The Urbanization of Colorado Water" took place at "The Ranch", Larimer County Fairgrounds and Events Complex in Loveland on October 7th and 8th. Due to the furlough on Friday, plans for the golf tournament had to be cancelled and the now well established part of the conference known as the Water Rodeo had to be moved to Wednesday. The Water Rodeo was won for the first time by a non-DWR team consisting of employees from the Division's sister agency, the Colorado Water Conservation Board.

Thursday included a full day conference with the SEO Forum in the morning and various speakers in the afternoon including Professor Albert Bartlett giving his famous lecture entitled "Arithmetic, Population and Energy: Sustainability 101" and Former Governor Dick Lamm giving the keynote address. It was the first time that the conference included a Water Commissioner Roundtable brought together with water commissioners from around the state including Division 1's very own Roger Mlodzik and Bob Carlson. The roundtable allowed the water commissioners to converse directly with the many water attorneys and engineers in attendance. The conference ended with another first, a "Wine Tasting Social" where attendees could get together and sample Northern Colorado wines. A big thanks goes out to all the conference organizers and volunteers, but especially the CWOA officers: President Bob Stahl, Vice President Garver Brown, Treasurer Brent Schantz and Secretary John Batka, for all their hard work and dedication to the success of this year's conference.

Ditch and Reservoir Operations Workshop

Over 250 people attended the first ever Ditch and Reservoir Operators Workshop held in Greeley on March 9, 2009. Unlike other symposiums and conferences which tend to focus on long-term planning and supply issues for managers, this workshop focused on the specifics of actually operating a ditch or reservoir system. Topics at the conference included water measurement devices, Excel for ditch and reservoir companies, introduction into dam safety, invasive species control, Colorado Division of Water Resources website navigation, technology in use of data loggers and telemetry, water supply forecasting, and a basic history of water development.

Dick Wolfe, State Engineer, was the luncheon speaker focusing on state compact and well issues in the various basins and the State budget situation. Supreme Court Justice Greg Hobbs spoke toward the end of the conference concerning significant legal principles and recent Colorado Supreme Court decisions associated with water administration.



Colorado Supreme Court Justice Greg Hobbs makes a presentation to the Workshop attendees.

The conference was a great success and is aligned with the Division's mission to educate users assisting in assuring the maximum beneficial use of the state's water allocation while protecting water rights users. Special recognition should be given

to Division of Water Resources employee Brent Schantz for the vision for the conference and spearheading its implementation. Brent received DWR's Leadership of the Year award based on this and other work he does as the lead water commissioner on the South Platte below Greeley.



Colorado Foundation for Water Education Display Board

Water Law 101 Course

On December 4, 2007, Chief Justice Mullarkey issued an order creating the Water Court Committee of the Colorado Supreme Court. Its charge was to “review the water court process; identify ways through rule and/or statutory change to achieve efficiencies in water court cases, while still protecting quality of outcomes; and insure the highest level of competence in water court case participants”. Among the issues the committee was directed to consider was professional training requirements on water judges, water referees and practitioners in water court. The committee recommended development of education programs that are more in depth and organized than a “smattering of seminars over the course of a year to meet continuing education requirements.” Jim Hall, the Division Engineer, along with Aaron Clay, Referee for Division 4 were asked to write the outline and teach the first full day class on Water Law 101. This class specifically focused on water administration in addition to discussing the basic statutes and Supreme Court decisions

COURT

Water Court Rule Changes

In December 2007, Colorado Supreme Court Chief Justice Mary Mullarkey established a Water Court Committee of the Supreme Court. This Committee was created in response to concerns expressed by numerous individuals and entities that the Water Court decree process was taking too long and becoming un-affordable to many parties. As a result of the work of this committee, a number of rule and statutory changes were implemented in July 2009.

Some of the major changes that impacted Division 1 included: revisions to the Water Court forms in an attempt to make them easier to use; the requirement that the Division Engineer file the Water Referee Summaries of Consultation electronically, rather than serving them on the applicant and requiring the applicant to serve them on all parties; the creation of the “*Non-Attorney’s Guidebook to Colorado Water Courts*” to aid parties not represented by an attorney; time limits in which the Water Referee must enter a ruling or Re-refer the case to the Water Judge; creation of a requirement for the parties to confer and exchange information sooner; the ability of all parties to agree on a single expert to determine the technical facts of a case; the ability of experts to meet independently of attorneys to determine areas of agreement and disagreement; and time requirements that parties must meet to provide draft decrees and comments thereon.

Vance Decision

In 2007 a few water users in Division 7 filed a legal action against the State Engineer, challenging the long-held approach of not administering oil and gas wells that produce ground water. The district court found in favor of the plaintiff in this case. During the litigation, the State Engineer determined that, contrary to past practice, he did indeed have the statutory responsibility to administer the produced

water from oil and gas wells, due to the potential for injury to senior surface water rights. However, the State Engineer appealed the part of the district court decision that determined that the State Engineer must issue a water well permit for all oil and gas wells that produce ground water because of the far reaching impacts.

In April 2009 the Colorado Supreme Court issued a ruling on the appeal from Division 7 in *Vance v. Wolfe*. The Supreme Court ruled that the State Engineer must administer all oil and gas wells that produce water. This potentially applies to not only the approximately 4,000 Coal Bed Methane wells in Division 7 that generated this case, but also an additional approximately 30,000 oil and gas wells throughout the state. This could require that all the wells acquire a water well permit and court-approved augmentation plan or a substitute water supply plan approved by the State Engineer.

In anticipation of the *Vance* decision, the State Engineer's Office worked with the Colorado Water Congress and representatives from the oil and gas industry to develop a legislative solution that would assist in making presumptions or determinations that ground water is nontributary. The result of that effort was House Bill 09-1303. The four key aspects of HB-1303 are: it allows a delay until March 31, 2010 before administration to allow time for the oil and gas producers to react to ground water administration of oil and gas wells; it provides that the State Engineer may adopt rules to assist in the process for determining if produced groundwater meets the definition of nontributary; it provides an additional transition period until December 31, 2012 for only Coal Bed Methane wells that produce tributary ground water to operate under a substitute water supply plan without a water court application; and finally it adds or clarifies definitions or application of existing statutes related to well spacing and well owner notification. The State Engineer did begin the rule making process

referenced above, but it was not completed in Irrigation Year 2009.

Central WAS Plan of Augmentation (03CW99 and 03CW177)

This application concerned the augmentation of wells historically augmented by Groundwater Appropriators of the South Platte (GASP). When GASP failed, The South Platte Well Users filed two augmentation plans with the Water Court in May of 2003 and sought approval of a SWSP for 380 wells. The plan was approved in June of 2003. This group was composed of former members of GASP.

In 2004, Central Water Conservancy District (CWCD) established the Well Augmentation Subdistrict (WAS) which included the above 380 wells and an additional 69 wells for a total of 449 wells. Central amended the plan for augmentation to make Central the primary applicant in 2005. WAS removed 234 wells as structures to be augmented under the proposed augmentation plan (the "removed wells"). WAS still sought approval of a plan for augmentation to cover 215 wells. The Court heard the matter for thirty days in February through May of 2007. The court issued its final decree on May 14, 2008.

WAS filed a notice to appeal the Water Court ruling to the Supreme Court in June, 2008 concerning several issues. Paul Benington with the Colorado Attorney General's Office represented the State and Division Engineer in the Supreme Court and participated in oral arguments for the case held September 22, 2009. After considering these arguments and briefs, the Supreme Court ruled November 23, 2009 confirming the Water Court's ruling. Specifically, the Supreme Court ruled:

(1) A water court may condition the approval on an augmentation plan on the replacement of injurious lagged depletions from the pumping of wells both prior to and after the water court application was filed.

(2) Replacement obligations in the Box Elder Creek basin must be determined based on surface water conditions that would exist in the basin absent groundwater pumping in the area. Groundwater pumping had disconnected this basin from the South Platte River, and the applicant wanted to be relieved of its replacement obligations even though its pumping contributed to the disconnect. The Court held the water remained tributary and that the applicant had to fully replace its out-of-priority depletions to the South Platte River.

(3) The Court declined to rule on whether the Division Engineer can administer the river based on the priority of a well, commonly known by the misnomer of a "well call." Viewing the question as seeking an advisory opinion, the Court declined to opine as to whether the Engineers have the discretionary authority to implement such a groundwater administration system. The Engineers had argued that the Court should not review this issue until a Division Engineer actually administers a stream in such a fashion and someone objects.

(4) When the water court reviews the State Engineer's decision on an SWSP application under 37-92-308(4), the water court is to apply the standard of review under the State administrative procedures act, which is deferential to the state agency. The water court was reversed on this issue because it held that such appeals should be reviewed via a de novo trial, which should be fully consolidated with the trial on the augmentation plan even though such appeals are typically moot at that point. This decision will compel the water courts to review such SWSP decisions promptly before the plan year expires. However, the State Engineer's decisions are likely to be affirmed if they are not arbitrary and capricious or an abuse of discretion because they are supported by evidence in the administrative record.

Farmers Reservoir and Irrigation Company and Others – Case No. 02CW105A

On May 11, 2009, the Water Court ruled concerning an application proposed by the Farmers Reservoir and Irrigation Company (FRICO), Burlington Ditch Reservoir and Land Company, Henrylynn Irrigation District, United Water and Sanitation District, and East Cherry Creek Valley Water and Sanitation District. The Case, 02CW403, involved various new water right applications and change of use of water rights of Burlington Ditch and Barr Lake. The primary purpose of the application was to provide replacement water for diversions through wells located downstream of Barr Lake northeast of Denver south through a pipeline to the East Cherry Creek Valley Water and Sanitation District, a special district presently serving water to approximately 50,000 customers in the southeastern metropolitan area. Key court rulings included:

- A. The 1885 Burlington direct flow right is limited to 200 not 350 cfs as originally decreed and the right may no longer be used downstream of Barr Lake as it was an illegal expansion of that right.
- B. The releases from the Barr Lake storage rights are limited to the amount and place of use that historically had occurred under the rights.
- C. The historic use of the Metro pumps to divert into the Burlington ditch was not a legal point of diversion and could not be included in the change quantification for the water rights.
- D. The new diversion structure for the Burlington ditch constitutes a change in point of diversion and thus maintenance of certain flows below the headgate are necessary to assure no injury at times when all the water would otherwise be diverted.

- E. FRICO is not obligated to make a river call to fill its 1885 storage right.

Nine parties submitted appeals to the decree on a multitude of issues. Briefing and hearing before the Colorado Supreme Court will occur in 2010.

DAM SAFETY

The dam safety branch in Greeley is staffed with three engineers to perform periodic dam inspections, and receives inspection support in the upper reaches of the Platte basin from a field engineer assigned to the Division 2 office, and from personnel in the Design Review office in Denver. The southern sections of Water Districts 1 and 2, and the northern half of Water District 8 are assigned to the Dam Safety Branch chief in Denver. The remaining part of WD 8 and districts 23 and 80 are inspected out of Colorado Springs by personnel assigned to Division 2. This distribution makes more efficient use of travel and time for proper coverage of the dams in and south of the metro Denver area.



Spinney Dam Spill Repair

The dam safety engineers performed a total of 243 periodic dam safety inspections, and continued to assist with design review and construction inspection activities to support the Denver based Design Review Unit. In addition to the periodic inspections, dam safety personnel performed 29 construction inspections and made 69 additional site visits in support of dam safety activities.

Progress continues toward correcting spillway deficiencies for High (formerly Class 1) and Significant hazard (formerly Class 2) dams. A total of eight dams with deficient spillway have not yet been enlarged or modified to be hydrologically adequate. Some are in the process of design or are ready for construction.

The completion of the Extreme Precipitation Analysis Tool (EPAT) under the oversight of the Denver office has prompted the resumption of the spillway review process for evaluation of dams at higher elevations, which had been placed in abeyance a number of years ago. Policies are in the development phase for application of the EPAT to proceed with review of the high elevation dams.

HYDROGRAPHY

Staffing

Division 1 has 5 full-time Hydrographers reporting to Greeley--2 engineers and 3 technicians. We are fully staffed now that a replacement has been hired for Steve Barrett who left to pursue GIS work in 2008. Tony Arnett moved into that job from the District 8 deputy W.C. position. Hydrographic technician jobs are classified as EPS Tech II. Hydrographic work has been a career path for DWR staff like Tony in the Technician series. Jana Ash from the Denver office has moved out of her temporary assignment as one of our hydrographers to work in designated basins in Denver.

Additionally, 3 deputy W.C.'s devote 30-90% of their FTE to hydrographic work, but are supervised by lead Commissioners. These individuals provide measurement services in challenging environments for water administration. Bob Erosky out of Sterling has a huge load of recharge sites to measure and some of the most challenging sand channel gages in the state to operate. Devin Ridnour works out of Wray and measures compact gages along the eastern border. Mike Wild works out of Fairplay and

measures at about 30 gages, including transmountain sites, Denver reservoirs, and a multitude of summer gages required for the administration of Aurora's water rights.

Recharge Measurements

With the assistance of intern Matt Rusch we have completed a GIS-type data base which should allow us to find, inspect and measure most of the estimated 800 recharge structures. Measurement efforts should be able to proceed on ditch by ditch basis. To support this effort, the Satellite Monitoring program purchased cameras and GPS units for the Greeley-based hydrographers.

Gaging Operations and Maintenance

New satellite gages added this year include Lodge pole Creek at Ovid and Cherry Creek below Cherry Creek reservoir. This spring we will be adding these sites on our system: Bear Creek below Bear Creek Lake, South Platte River at Masters and the Corona delivery from the Bijou Ditch.



Gage Replacement For South Platte River At Henderson

A new bubbler gage was installed across the channel from our old gage on the South Platte at Henderson. Tech III Russell Stroud was in charge of this project. We hope to reward Russell's venture into engineering design with his own CAD program and even more work. Our next gage replacement will be our gage on South Boulder Creek near Eldorado Springs.

Channel improvements have been done or are proceeding at our gages on Coal Creek near Plainview, South Platte at Balzac, and Bear Creek at Morrison. Getting a machine in to clean up the channel at a gage can improve the reliability of our real-time data and the accuracy of our published records. More gages continue to be added to our reporting through data transfer from NCWCD. These gages operate on cell phone telemetry installed and polled by Northern. Calibration of these sites has emerged as an issue that is not currently resolved.

SMS Funding

Legislative review off our state Satellite Monitoring program resulted in removal of \$60,000 of general funds from that budget and a mandate to find cooperator funds to replace that amount. The majority of this money is being supplied through the efforts of Division One Hydrographers. A contribution on the order of \$50000 is proposed from the USBR for technician services to the CBT system. (Similar services are being provided by the USGS for the USBR Fryingspan-Arkansas project at an estimated cost of \$120000.) Additionally, an agreement was inked with the USACOE for cooperator support of \$7200 for gages on the South Platte River related to Chatfield Reservoir.

Published Records

Efforts to get our 80 published records worked, checked and reviewed were seriously undermined by the six furlough days during the fall and winter, and employee medical and leave time. We met all of our record goals through a team effort and a lot of time donated on nights and weekends. Division One has the largest number of published records and we were the only division statewide to meet all the record milestones.

Keeping the records current on the South Platte River at Kersey, Balzac and Julesburg for the monthly South Platte Summary report definitely helped getting

these records final. In the future, we will have all hydrographers in Greeley on South Platte Summary day, with the goal that each hydro will keep a certain number of records current.

The use of the Sutron SDR datalogger as a replacement for chart recorders has proven to save a significant amount of time in record development. Our work group requested funding from Division One and the Satellite Monitoring program to begin the process of switching over to SDR's. Other divisions were brought into the discussion and a statewide consensus has been reached to replace chart recorders on a case by case basis. An order for 8 SDR's for districts 23 and 80 is in the works.

Administrative Measurements

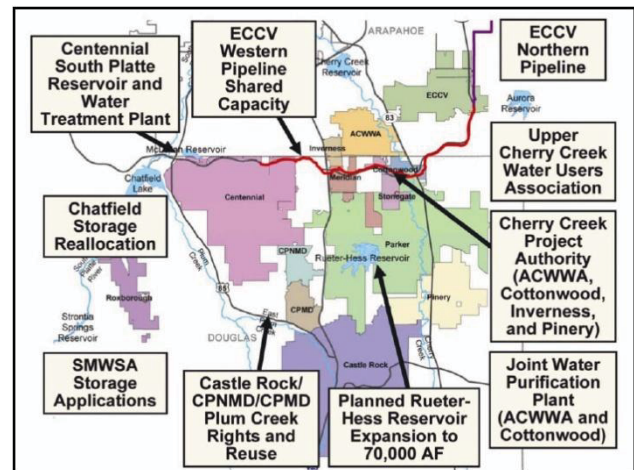
We have experienced a large increase in requests for ditch measurements, particularly as new commissioners inventory their districts. Each hydrographer will work with his assigned commissioner to meet these requests. The biggest changes will be that we identify each site with a Water District ID, and we have begun charging for down-ditch (private) measurements.

FRONT RANGE WATER SUPPLY DEVELOPMENT

South Metro Water Supply Authority

Formed in 2004, SMWSA is a regional water entity that plans, develops and sources renewable water for Douglas and Arapahoe Counties. Their mission is to foster long-term reliable and affordable water supplies in the south Denver-metroregion, through water conservation, reuse, renewable source acquisitions, regional structural and non-structural projects, funding mechanisms and integrated use of resources. The municipal water providers in SMWSA include: Arapahoe County Water and Wastewater Authority, Castle Pines North Metropolitan District Centennial Water and Sanitation District, Cottonwood Water and Sanitation

District, East Cherry Creek Valley Water and Sanitation District, Inverness Water and Sanitation District, Meridian Metropolitan District, Parker Water and Sanitation District, Pinery Water and Wastewater District, Roxborough Park Metropolitan District, Stonegate Village Metropolitan District, Town of Castle Rock and the Castle Pines Metropolitan District. For more information visit their website at www.SouthMetroWater.org.



In 2009, SMWSA continued to be involved in several storage projects such as: 1) the Rueter-Hess Reservoir expansion, 2) Centennial's South Platte Reservoir which filled to the 6,400-acre-feet capacity for the first time this spring, and 3) the reallocation of storage space in Chatfield Reservoir. SMWSA also continues its involvement with the East Cherry Creek Valley (ECCV) Northern Project, which includes a pipeline that conveys water from the Beebe Draw near Barr Lake to ECCV's storage tanks near Smoky Hill Road and E-470.



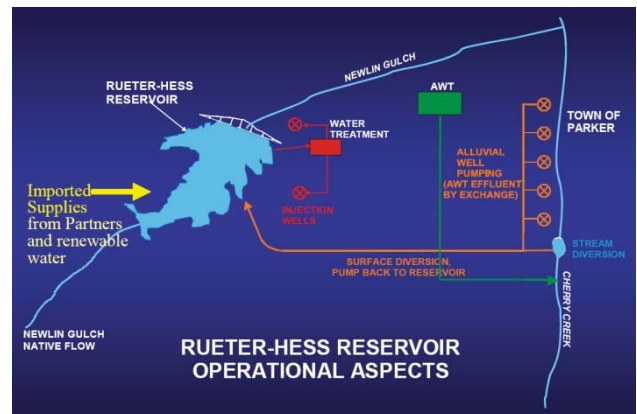
To help fulfill one of SMWSA’s current and long-term objectives of maximizing the efficient use of water resources, SMWSA is continuing its participation in a reuse project known as the Lone Tree Creek Water Reuse Facility. This facility is a \$29 million project by Arapahoe County Water and Wastewater Authority, Cottonwood Water and Sanitation District and Inverness Water and Sanitation District that treats and distributes “recycled” water. It will be used in conjunction with the Joint Water Purification Plant (slated for completion in spring 2010); thereby giving proximate providers the capability to reuse 100 percent of the supply.

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Rueter-Hess Reservoir Project

Due to a projected long-term water supply shortfall, the Parker Water and Sanitation

District (PWSD) began planning for Rueter-Hess Reservoir in 1985. As a component to a major water management project for Parker, Rueter-Hess is expected to help lessen reliance on non-renewable ground water supplies and provide a source of supply during years of drought. The reservoir will store surface water in high water years from Newlin Gulch and Cherry Creek. In addition, it will serve to extend the life of PWSD’s nonrenewable underground water supplies diverted from the Denver Basin aquifers by storing surplus reusable ground water being released from two advanced waste water treatment (AWT) plants and re-injecting storage water back into the aquifers during non-peak demand. The following diagram portrays the Rueter-Hess Reservoir operational aspects:



The reservoir is located about three miles southwest of downtown Parker on Newlin Gulch, which is a tributary of Cherry Creek. Construction of Rueter-Hess was authorized by a Federal 404 permit issued by the United States Army Corp of Engineers in February 2004 with construction beginning that summer. Since that time, surrounding water providers have requested to participate in an enlarged version of Rueter-Hess to expand this reservoir from 16,200 acre feet to 70,000 acre feet. The dam will rise 185 feet when the enlargement is complete and the reservoir will encompass 1170 acres, which is about one and a half times the size of Cherry Creek Reservoir. The three communities who have purchased storage space are: Castle

Rock (\$44 million for 8000 acre-feet), Castle Pines North (\$8.25 million for 1500 acre-feet) and Stonegate (\$6.6 million for 1200 acre-feet). Rueter-Hess Reservoir is expected to serve as many as 400,000 people over the next 50 years.

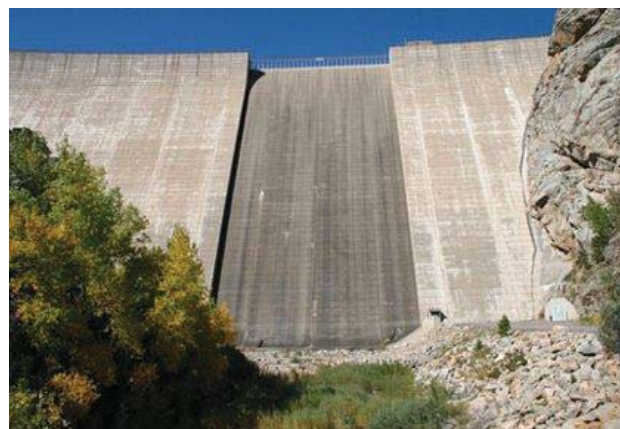


Permitting of the enlargement was started in April 2005 with approval of the enlargement granted in April 2008 and the official groundbreaking for the enlargement celebrated on September 5, 2008. Completion of the entire Rueter-Hess Project is expected in February 2012. Despite this, plans are currently underway to start storing runoff from Newlin Gulch prior to completion to save costs associated with having to pump this water around the dam construction site.

Moffat Collection System (Gross Reservoir Enlargement)

As part of its overall plan for the future, Denver Water is proposing to enlarge Gross Reservoir to help resolve three major problems: a future water supply shortfall, the risk of running out of water in Gross and Ralston reservoirs in a future drought and an imbalance in the utility's water collection system, as 80% of supply comes from the south system.

Gross Reservoir is part of the Moffat Collection System and receives water from the Fraser River through the Moffat Tunnel. The reservoir dam (as seen below) currently stands 340 feet above the South Boulder Creek streambed.



The reservoir's current storage capacity is 41,811 acre-feet (seen at full capacity below).



Denver Water needs an additional 18,000 acre-feet of firm yield in its Moffat Collection System for its customers. Approximately 72,000 acre-feet of reservoir storage would provide 18,000 acre-feet of firm yield. Raising the dam an additional 125 feet to 465 feet would increase the storage by approximately 72,000 acre-feet and is the preferred option for Denver Water to reach its needs.

Gross was originally designed to be 125 feet higher and to hold 114,000 acre-feet of water. Budget problems during the 1950s led to the smaller impoundment. Because Gross Reservoir was originally designed to be this larger size, other facilities, such as the Moffat Tunnel and South Boulder Canal, do not need to be modified and no additional water rights are needed. The additional water would be carried through the existing Moffat Tunnel from the Fraser

River basin and Williams Fork River basin in Grand County, as well as from South Boulder Creek basin.

The Draft Environmental Impact Statement (EIS) to analyze the direct, indirect, and cumulative effects of the proposal, to provide decision-makers and the public with information pertaining to the proposed action and alternatives, and to disclose environmental impacts and identify mitigation measures to reduce impacts was released by the U.S. Army Corps of Engineers on October 30, 2009. The Draft EIS public comment period, originally scheduled from October 30, 2009 to January 28, 2010, was extended to March 17, 2010. The Final EIS is scheduled to be released in 2011.

Aurora's Prairie Waters Project

A critical element of the City of Aurora's plan for a sustainable water supply is their \$750 million water reuse project called Prairie Waters. After evaluating 54 possible projects, Aurora Water selected the Prairie Waters Project as the recommended strategy for providing a reliable, high quality water supply to the city. The project emerged as the most cost-effective, environmentally friendly and immediate way to meet the city's water needs.

Water that the City of Aurora owns and controls from its waste treatment plant is used to augment water diverted from the South Platte River by wells along the river's bank downstream of the Metro area. From there, approximately 34 miles of buried pipeline has been installed along with necessary pump stations to transport the water from the North Campus to a purification facility near the Aurora Reservoir. Measuring approximately 60 inches in diameter, the pipeline has the capacity to deliver up to 50 million gallons of water per day.

The proposed state of the art Aurora Reservoir Water Purification Facility

(ARWPF) located on an 80-acre site north of the Aurora Reservoir will treat the water before it is mixed into the city's regular distribution system. Work at the ARWPF at the site was nearing completion as of the writing of this report.

During the 2009 water year, Aurora was also able to secure a key water court decree to allow the operation of the project, Case No. 06CW104. In addition, the City was given approval to operate several of the alluvial wells that are a part of the project for testing of the pipeline in accordance with an approved SWSP. The project is expected to be completed by late 2010.

The Prairie Waters Project will increase Aurora's water supply by 20 percent by reusing water the city already owns. It will deliver up to 10,000 acre feet of water to Aurora homes and businesses by 2010.



Northern Integrated Supply Project (NISP)

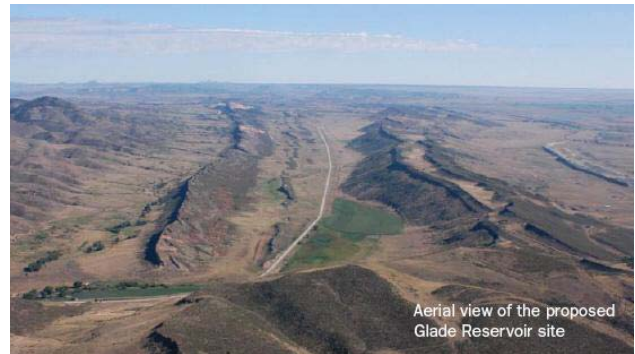
Northern Colorado Water Conservancy District (NCWCD) in conjunction with northern Front Range municipalities and water districts (the Districts) created the Northern Integrated Supply Project (NISP) to evaluate ways of increasing the quantity and reliability of the Districts' water supplies in order to help meet future projected demand. The goal of this regional project is to provide 15 towns and communities in Larimer, Weld and Boulder Counties with up to 40,000 acre-feet annually of new reliable municipal water supply to help meet a portion of their near and longer term needs.

After examining hundreds of alternatives within the South Platte, St. Vrain, Big Thompson, and Cache la Poudre watersheds in 2003, NCWCD and the Districts agreed to a combination of Glade Reservoir and the South Platte Water Conservation Project's proposed Galeton Reservoir. In addition to the proposed reservoirs, the plan includes a pumping facility, a pipeline to deliver water for exchange with two irrigation companies, and needed improvements to an existing canal to fill Glade Reservoir.



The proposed location of Glade Reservoir is about a mile north of the junction of US Highway 287 and CO Highway 14, northwest of Fort Collins. Construction of

Glade Reservoir requires the realignment of Highway 287. With a proposed 170,000 acre-foot capacity, Glade Reservoir will be slightly larger than Horsetooth Reservoir. The South Platte Water Conservation Project will pump winter and spring flows from an existing structure on the South Platte River into the proposed Galeton Reservoir located five miles northeast of Galeton.



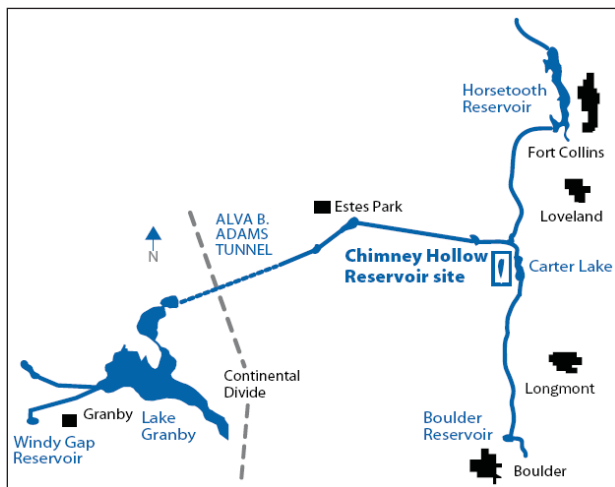
In April of 2008, the U.S. Army Corps of Engineers (Corps) released a draft Environmental Impact Statement (EIS) for this project followed by a public comment period ending on September 13, 2008, which generated over 2000 comments. Based on these comments, the Corps has decided to prepare a Supplemental Draft Environmental Impact Statement to evaluate NISP's potential impact on the environment. Due out in 2010, it will provide additional detail on potentially affected resources, particularly the Poudre River. For this additional work, the CORP has developed a common technical platform to evaluate this and the future Halligan and Milton Seamon reservoir enlargement projects proposed by Fort Collins and Greeley respectively.

Windy Gap Firing Project (WGFP)

In 1985, Northern Colorado Water Conservancy District finished constructing the Windy Gap Project near Granby, Colorado. Windy Gap diverts water from the Colorado River to the Front Range via the federal Colorado-Big Thompson Project on a space-available basis. During wet years when water is available for

pumping at Windy Gap, Lake Granby is often full with little or no capacity for Windy Gap water. The Windy Gap Firming Project (WGFP) was proposed to ensure more reliable future deliveries to Front Range and West Slope communities and industries from the existing Windy Gap Project and existing Windy Gap water rights. The WGFP would add water storage and related facilities to the existing Windy Gap operations capable of delivering a firm annual yield of about 30,000 acre-feet to WGFP Participants.

After evaluating several potential alternatives for the Windy Gap Firming Project, NCWCD on behalf of WGFP Participants is proposing to construct the 90,000 acre-foot Chimney Hollow Reservoir, which would be located just west of the existing Carter Lake Reservoir (see map).



To build Chimney Hollow Reservoir, NCWCD must first obtain permission from the federal government via the U.S. Bureau of Reclamation (Reclamation). To comply with the National Environmental Policy Act, Reclamation must complete an extensive Environmental Impact Statement (EIS) before it decides whether to grant permission for the project. The EIS analyzes and compares the environmental impacts of Chimney Hollow Reservoir as well as three other alternatives for making the project a reality.

In August 2008, the U.S. Bureau of Reclamation released a draft EIS for Windy Gap Firming Project/Chimney Hollow Reservoir, followed by a public comment period that ended on Dec. 29, 2008. There were two public hearings on the draft EIS in early October, 2008. Reclamation is currently reviewing comments received during the public comment period and is taking them into consideration as it prepares the final EIS due out in 2010. The final EIS will indicate whether or not the Reclamation will issue a permit for the Windy Gap Firming Project/Chimney Hollow Reservoir. During this last year, Northern Water has also been involved in working with parties to resolve issues associated with fish and wildlife in the Colorado basin and at the reservoir site and working with Grand County to mitigate local impacts of the project. If a permit is issued and other issues are resolved, project design is expected to take two years and construction will occur over an additional three to four year period.

PLATTE RIVER ENDANGERED SPECIES RECOVERY PROGRAM

The United States Fish and Wildlife Service (USFWS) listed the whooping crane, piping plover, least tern, and pallid sturgeon under the federal Endangered Species Act. The USFWS also designated critical habitat for the whooping crane pursuant to the Endangered Species Act. These species, and the designated critical habitat, are located in the Central Platte Region of the State of Nebraska. In response to this, the Governors of the States of Colorado, Nebraska, and Wyoming signed an agreement in 1997 with the Department of Interior to improve and/or study the habitat of these four endangered species in the Central Platte River in Nebraska. As a result of these studies, the parties developed a proposed Platte River Recovery Implementation Program.

The Bureau of Reclamation issued a Final Environmental Impact Statement, and the U.S.F.W.S. issued a final Biological Opinion, analyzing the Platte River Recovery Implementation Program (“Program”). The Governors of Wyoming, Colorado and Nebraska, along with the Secretary of the Interior signed the Platte River Recovery Implementation Program Agreement (Agreement) in 2006. Federal authorization legislation was approved in the House in 2007. Participants are awaiting consideration of similar legislation in the Senate.

2009 Platte River Recovery Implementation Program Highlights

- A. Land: the Program goal for the first increment of the Program (2007-2020) is to secure, 10,000 acres of land for the purpose of protecting and/or enhancing the habitat for the target species. The Program through 2009 has acquired/protected over 6300 acres toward that goal.
- B. Water: Due to the recent drought years, the Program has not been able to implement water operations to the extent desired. One of the goals of the Program is to procure another 50,000 to 70,000 acre-feet of water to add to the Program’s water portfolio prior to the end of the first increment. During 2009 efforts to achieve that goal began in earnest as feasibility studies on a reregulation reservoir located in central Nebraska near the species’ habitat were commenced. The reservoir shows promise to produce a large piece of the 50,000 to 70,000 acre-feet per year that is the goal of the Program’s first increment.
- C. In 2009 there were 18 tiered-consultations issued by the U.S. Fish and Wildlife Service for projects in Colorado whereby Colorado’s

participation in the PRRIP provided the “Reasonable and Prudent” alternative for local projects that would have been determined to cause jeopardy to the species.

- D. Program funding continues to come in from both the federal and state entities.
- E. Colorado is making progress in coming up with the money necessary to meet their financial commitment to the Program.
- F. South Platte Water Related Activities Program (SPWRAP) membership of Colorado water users continues to grow and is becoming financially stable. This will be helpful as SPWRAP works toward achieving the commitments to the Program made by the state and water users.
- G. Colorado’s commitment toward having the capacity to provide 10,000 acre-feet of water to the Program is somewhat ahead of schedule and that goal is expected to be met. SPWRAP continues their interest in the finalization of the Tamarack decree which would help provide some of Colorado’s 10,000 acre-feet of water commitment.
- H. SPWRAP has contracted with the Lower South Platte Water Conservancy District to provide some of the administrative services needed by the group.

PERSONNEL/WORKLOAD

Hiring Freeze Impacts

The overall economic downturn which began in Irrigation Year 2008 continued in Irrigation Year 2009. As reported last year, because the Colorado Constitution requires operation on a balanced budget, the State of Colorado

instituted a hiring freeze on October 1, 2008 that lasted until July 1, 2009. Though the firing freeze was lifted on July 1, 2009, the state then imposed 8 mandatory furlough days for fiscal year 2010-11.

As reported last year, the hiring freeze affected all positions vacant on October 1 and any positions that became vacant after October 1 with exemptions allowed only upon specific approval from the Governor's Office. When the hiring freeze was implemented Division 1 had four vacant positions: one full-time Hydrographer; one full-time Deputy Well Commissioner; one full-time Deputy Water Commissioner; and our General Technician/Receptionist. Then, in December 2008 the Assistant Division Engineer primarily responsible for Water Court work transferred to the Denver office. Finally, in some good news, during April 2009 exemption requests for the Deputy Well Commissioner and Deputy Water Commissioner positions were approved by the Governor's Office.

An unintended result of the hiring freeze has been the time it takes to fill positions since it has been lifted. Division 1 had 3 vacant positions and 5 position up-grades when the hiring freeze was lifted on July 1. However, the Division of Water Resources had 35 vacant positions and numerous up-grades also waiting. Though the up-grades were able to be processed fairly quickly, the number of un-filled positions has created a backlog in filling vacant position, especially with also trying to fill the normal number of positions vacated by retirements, transfers and resignations.

The impact of the 8 furlough days was not too severe on Division1 through the end of Irrigation Year 2009. The initial furlough day on the Tuesday after Labor Day did result in some un-happy water users on the Big Thompson River as additional water from a thunderstorm that day was not able to be captured by them since the Water Commissioner was not working and could not change to call on the river to allow them to take the water. The October furlough day

on the Friday before Columbus Day was un-eventful. However, the financial impact on employees of what is effectively almost a 5% pay cut each month with a furlough day has definitely hurt morale.

A final impact of the hiring freeze and furlough days has been to delay the promulgation and implementation of Well Measurement Rules for the South Platte River basin. Division 1 originally intended to promulgate measurement rules to become effective in Irrigation Year 2010, but now this has been moved to Irrigation Year 2011 or 2012.

Personnel Changes

There were fewer personnel changes in Irrigation Year 2009 because eight of the twelve months were covered by the hiring freeze. The following is a more or less chronological summary of the personnel changes in Irrigation Year 2009.

Scott Cuthbertson, the Assistant Division Engineer primarily responsible for Water Court work transferred to the Denver office in December 2008 to become the Assistant State Engineer for Public Safety. This left a big hole which remained un-filled through the end of Irrigation Year 2009.

Jean Lever started June 22, 2009 as a full time Deputy Well Commissioner based out of the Greeley office. Jean has a B.S. in Agricultural Engineering and previously worked for Aqua Engineering, Inc. and Natural Resources Consulting Engineers, Inc. where she worked on both Colorado and Federal reserved water rights and gained experience with GPS units, GIS mapping, and surface water flow measurement.

Edward Candler also started June 22, 2009 as a full time Deputy Water Commissioner working primarily in Water District 1 based out of the Greeley office. Ed came to us with lots of "hands on" experience from the Peace Corps in Mexico and Honduras working on both irrigation and domestic water supply systems as well as 6 months

as a Deputy Well Commissioner for Division 1.

In July 2009, Fred Renner retired as the Water District 4 Water Commissioner. Fred worked for Division 1 for 27 years. He started as a Deputy Water Commissioner in Water District 4 (Big and Little Thompson Rivers) in 1982. Fred then became a Hydrographer in 1987, and finally the Lead Water Commissioner in District 4 in 2002. Fred was a great employee who had that rare quality of being virtually un-flappable in any situation.

Jason Smith transferred to the Water District 4 Lead Water Commissioner position in August 2009. Jason was previously the Division 1 Lead Well Commissioner position and prior to that spent 2 years as a full time Deputy Water Commissioner for Districts 1 and 64.

After 20 years with Water Division 1, Roger Mlodzik retired on October 31, 2009 as the Water Districts 9 and 80 Lead Water Commissioner. Rodger started as the Deputy Water Commissioner in Water District 9 (Bear and Turkey Creeks) in 1989. He then became the Lead Water Commissioner in Water Districts 9 and 80 (North Fork of the South Platte River) in 1992. Roger was an excellent employee who had a passion for all water related matters in his Water Districts.

Employee Recognition

The Division 1 Water Commissioner of the Year for 2009, Caren Aguilar, is not actually a Water Commissioner. Caren is the Division 1 Augmentation Plan Operations Specialist and in this capacity has done a lot of work both similar to, and in support of Water Commissioners. Caren has reviewed the water accounting for numerous augmentation plans and entities that supply water for those plans. She also worked with several Lead Water Commissioners to assure the accounting both meets the decree requirements and is useable by the Lead Water Commissioner. Her work in all these areas was of the highest quality.

Division 1 was also honored to have Brent Schantz selected by the State Engineer to receive the Leadership award. This was due in large part Brent's conception and implementation of the "*Ditch and Reservoir Operators Workshop*" as discussed in the Community Involvement section of this report.

Also recognized for their excellent work that went above and beyond the call of duty on several projects this year were Shanna Sandridge, Stephanie Hamburg, Tony Arnett, Mike Hein, Gene Brienza, Devin Ridnour, Rick Hoffman, Jean Lever, and Jason Smith.

TABLES

Table 1 – Storage Comparison

Runoff Forecast

SOUTH PLATTE RIVER BASIN
Reservoir Storage (1000 AF) - End of January

RESERVOIR	USABLE CAPACITY	USABLE STORAGE		AVERAGE
		THIS YEAR	LAST YEAR	
ANTERO	19.9	20.0	19.9	16.4
BARR LAKE	30.1	26.2	22.9	24.0
BLACK HOLLOW	6.5	3.2	1.8	3.9
BOYD LAKE	48.4	40.5	27.8	32.1
BUTTON ROCK	16.2	13.7	13.7	13.0
CACHE LA POUFRE	10.1	9.0	7.8	7.2
CARTER	108.9	93.1	76.4	84.6
CHAMBERS LAKE	8.8	6.6	2.8	3.0
CHEESMAN	79.0	62.8	67.2	59.7
COBB LAKE	22.3	20.7	12.0	13.9
ELEVEN MILE	98.0	99.7	99.5	95.9
EMPIRE	36.5	30.0	31.2	22.8
FOSSIL CREEK	11.1	8.8	10.5	6.8
GROSS	41.8	26.1	34.0	26.0
HALLIGAN	6.4	4.9	4.3	4.3
HORSECREEK	14.7	7.0	5.4	11.6
HORSETOOTH	149.7	70.4	78.4	99.0
JACKSON	26.1	22.9	21.4	26.1
JULESBURG	20.5	17.4	16.2	18.8
LAKE LOVELAND	10.3	9.3	11.2	8.7
LONE TREE	8.7	7.4	7.5	6.4
MARIANO	5.4	4.4	1.2	4.2
MARSHALL	10.0	6.8	4.1	5.1
MARSTON	13.0	9.4	10.2	12.8
MILTON	23.5	6.7	17.9	15.5
POINT OF ROCKS	70.6	58.7	53.1	57.0
PREWITT	28.2	22.5	21.2	19.3
RIVERSIDE	55.8	37.7	42.5	41.7
SPINNEY MOUNTAIN	49.0	34.1	41.6	33.3
STANDLEY	42.0	35.4	35.4	33.1
TERRY LAKE	8.0	5.9	5.2	5.3
UNION	13.0	11.9	10.8	10.6
WINDSOR	15.2	11.7	12.2	10.8

Information taken from Colorado Basin Outlook Report, February 1, 2010

SOUTH PLATTE RIVER BASIN
WATER SNOWPACK

WATERSHED	NUMBER OF DATA SITES	THIS YEAR AS % OF	
		LAST YEAR	AVERAGE
BIG THOMPSON BASIN	7	72	74
BOULDER CREEK BASIN	5	79	77
CACHE LA POUFRE BASIN	8	69	78
CLEAR CREEK BASIN	4	65	83
SAINT VRAIN BASIN	4	61	62
UPPER SOUTH PLATTE BASIN	16	89	78

*Information taken from Colorado Basin Outlook Report, February 1, 2010.

Table 2 – Diversions by Water District

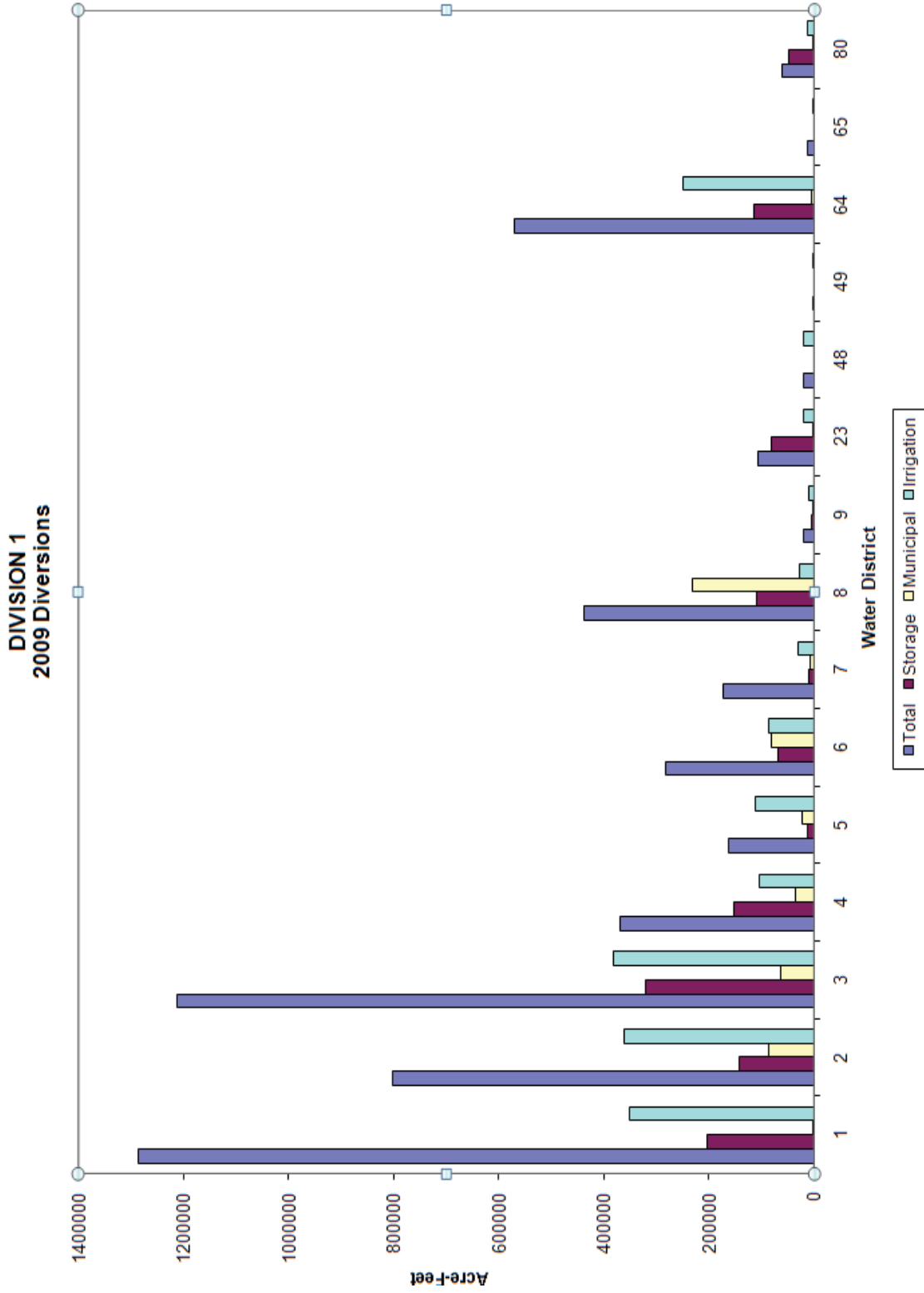


Table 3 - Transmountain Diversion Summary

**2008 TRANSMOUNTAIN DIVERSION SUMMARY - INFLOWS
(November 2008 - October 2009)**

		RECIPIENT						CURRENT YEAR				SOURCE			
WD	ID	NAME	STREAM	AF	DAYS	10 YEAR AVG	AF	DAYS	WD	ID	WD	ID	WD	ID	
3	4604	WILSON SUPPLY DITCH	CACHE LA POUVRE RIVER	1,190	63		1,471	89	48	4604	48	4604	48	4604	
3	4608	DEADMAN DITCH	CACHE LA POUVRE RIVER	398	56		651	88	48	4608	48	4608	48	4608	
3	4606	BOB CREEK DITCH	CACHE LA POUVRE RIVER	101	43		151	41	48	4606	48	4606	48	4606	
3	4607	COLUMBINE DITCH	CACHE LA POUVRE RIVER	0	0		0	0	48	4607	48	4607	48	4607	
3	4600	LARAMIE-POUVRE TUNNEL	CACHE LA POUVRE RIVER	8,406	96		7,253	150	48	4600	48	4600	48	4600	
3	4605	SKYLINE DITCH	CACHE LA POUVRE RIVER	212	11		0	0	48	4605	48	4605	48	4605	
3	4602	CAMERON PASS DITCH	CACHE LA POUVRE RIVER	73	36		101	43	47	4602	47	4602	47	4602	
3	4603	MICHIGAN DITCH	CACHE LA POUVRE RIVER	2,344	330		2,924	365	47	4603	47	4603	47	4603	
3	4601	GRAND RIVER DITCH	CACHE LA POUVRE RIVER	8,886	167		9,791	179	51	4601	51	4601	51	4601	
4	4634	ADAMS TUNNEL	BIG THOMPSON RIVER	132,948	336		123,559	343	51	4634	51	4634	51	4634	
6	4655	MOFFAT TUNNEL	SOUTH PLATTE RIVER	31,434	363		22,717	343	51	4655	51	4655	51	4655	
7	4625	BERTHOUD PASS DITCH	CLEAR CREEK	294	78		367	120	51	4625	51	4625	51	4625	
7	4626	VIDLER TUNNEL	CLEAR CREEK	325	74		648	81	36	4626	36	4626	36	4626	
7	4682	STRAIGHT CREEK TUNNEL	CLEAR CREEK	168	365		133	365	36	4682	36	4682	36	4682	
8	653	ROBERTS TUNNEL	SOUTH PLATTE RIVER	48,541	307		27,282	281	36	4684	36	4684	36	4684	
23	4611	BOREAS PASS DITCH	SOUTH PLATTE RIVER	74	64		105	66	36	4685	36	4685	36	4685	
23	4612	HOOSIER PASS DITCH	ARKANSAS RIVER	4,321	177		3,892	164	36	4683	36	4683	36	4683	
23	4490	AURORA HOMESTAKE	SOUTH PLATTE RIVER	17,872	263		17,857	232	37	4644	37	4644	37	4644	

Table 4 – Reservoir Storage Summary

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 1

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)							
				MINIMUM		MAXIMUM		END OF YEAR			
				AF	DATE	AF	DATE	AF	DATE		
1	3009	CORNISH PLAINS RESERVOIR	CACHE LA POUUDRE RIVER	1,357	04/14/09	2,655	06/11/09			1,896	
1	3400	VANCIL	SOUTH PLATTE	2,449	03/31/09	4,091	06/30/09			4,073	
1	3592	HORSE CREEK RESERVOIR	HORSE CREEK	485	09/30/09	15,494	03/31/09			485	
1	3570	BIJOU #2	SOUTH PLATTE	60	12/31/08	4,220	10/31/09			4,220	
1	3609	PROSPECT RESERVOIR	PROSPECT CREEK	849	3/31/09	5,407	06/30/09			1,563	
1	3651	RIVERSIDE	SOUTH PLATTE	31,385	09/30/09	62,961	03/31/09			41,109	
1	3816	EMPIRE	SOUTH PLATTE	3,419	10/31/09	37,598	02/28/09			3,419	
1	3817	JACKSON	SOUTH PLATTE	15,053	11/30/08	27,343	05/31/09			17,756	
1	3902	LORD RESERVOIR #4	SOUTH PLATTE	51	10/31/09	697	06/30/09			51	
1		TOTALS		55,108		160,466				74,572	

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 2

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)							
				MINIMUM		MAXIMUM		END OF YEAR			
				AF	DATE	AF	DATE	AF	DATE		
2	3351	BULL CANAL #8	CLEAR CREEK	686	08/31/09	1,081	10/31/09	1,081	10/31/09	1,081	AF
2	3375	QUINCY RESERVOIR	SOUTH PLATTE	1,472	01/31/09	2,500	07/31/09	2,500	07/31/09	2,335	AF
2	3699	WEST GRAVEL LAKES COMBINED	SOUTH PLATTE	2,530	02/28/09	2,782	12/31/08	2,782	12/31/08	2,732	AF
2	3700	TANI LAKES COMBINED	SOUTH PLATTE	11,576	03/31/09	14,086	06/30/09	14,086	06/30/09	13,878	AF
2	3837	OASIS RES/BARR	SOUTH PLATTE	13,584	09/30/09	29,314	06/30/09	29,314	06/30/09	23,843	AF
2	3858	LOWER LATHAM	SOUTH PLATTE	5,928	08/31/09	6,212	01/31/09	6,212	01/31/09	6,212	AF
2	3861	GREAT WESTERN	WALNUT CREEK	1,667	10/31/09	2,332	09/30/09	2,332	09/30/09	1,667	AF
2	3876	MILTON	SOUTH PLATTE	0	10/31/09	22,684	03/31/09	22,684	03/31/09	0	AF
2	3890	COAL RIDGE WASTE	LITTLE DRY CREEK	469	03/31/09	840	06/30/09	840	06/30/09	760	AF
2	3903	STANDLEY	WOMAN CREEK	35,554	10/31/09	42,619	07/31/09	42,619	07/31/09	35,554	AF
2		TOTALS		73,466		124,450		124,450		88,062	AF

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 3

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)						END OF YEAR
				MINIMUM		MAXIMUM		DATE	AF	
				AF	DATE	AF	DATE			
3	3676	LONG DRAW/GRAND RIVER	LONG DRAW CREEK	2,388	11/01/08	10,766	06/30/09	10,766	06/30/09	3,936
3	3678	MOUNTAIN SUPPLY RESERVOIR #20	JOE WRIGHT RESERVOIR	3,837	10/31/09	7,086	07/31/09	7,086	07/31/09	3,837
3	3679	CHAMBERS	JOE WRIGHT CREEK	1,970	04/30/09	8,712	06/30/09	8,712	06/30/09	7,828
3	3683	BARNES MEADOW RESERVOIR	BARNES MEADOWS CREEK	999	03/31/09	2,349	06/30/09	2,349	06/30/09	2,342
3	3697	NORTH POUUDRE #2/DEMMELE LAKE	N FK POUUDRE RIVER	2,378	09/30/10	3,153	02/28/09	3,153	02/28/09	2,424
3	3698	NORTH POUUDRE #5/BEE LAKE	N FK POUUDRE RIVER	3,650	03/31/09	6,623	06/30/09	6,623	06/30/09	5,362
3	3699	NORTH POUUDRE RESERVOIR #6	N FK POUUDRE RIVER	2,424	02/28/09	9,685	06/30/09	9,685	06/30/09	9,384
3	3702	NORTH POUUDRE #3/HACKEL LAKE	N FK POUUDRE RIVER	2,413	04/30/09	2,802	06/30/09	2,802	06/30/09	2,453
3	3704	NORTH POUUDRE #4	N FK POUUDRE RIVER	500	09/30/09	728	05/31/09	728	05/31/09	565
3	3707	INDIAN CREEK/MTN SUPPLY #16	INDIAN CREEK	413	03/31/09	1,534	06/30/09	1,534	06/30/09	1,206
3	3708	MOUNTAIN SUPPLY RESERVOIR #18	BOX ELDER CREEK	415	04/30/09	780	07/31/09	780	07/31/09	592
3	3712	HALLAGAN/NORTH POUUDRE #16	N FK POUUDRE RIVER	1,053	09/30/09	6,428	05/31/09	6,428	05/31/09	2,278
3	3713	SEAMAN/MILTON SEAMAN	N FK POUUDRE RIVER	1,962	11/30/08	5,008	05/31/09	5,008	05/31/09	5,008
3	3715	PARK CREEK	PARK CREEK	3,153	09/30/09	7,199	06/30/09	7,199	06/30/09	3,193
3	3716	NORTH POUUDRE #15	N FK POUUDRE RIVER	1,617	11/01/08	5,362	06/30/09	5,362	06/30/09	2,192
3	3725	DOUGLASS	CACHE LA POUUDRE RIVER	5,337	08/31/09	8,782	06/30/09	8,782	06/30/09	6,320
3	3726	WORSTER	SHEEP CREEK	160	09/30/09	3,815	07/31/09	3,815	07/31/09	319
3	3727	WINDSOR RESERVOIR #8	CACHE LA POUUDRE RIVER	5,173	09/30/09	10,086	06/30/09	10,086	06/30/09	8,247
3	3728	NO. 8 ANNEX	CACHE LA POUUDRE RIVER	2,505	08/31/09	3,742	06/30/09	3,742	06/30/09	2,815
3	3730	COBB LAKE	CACHE LA POUUDRE RIVER	11,820	03/31/09	22,140	06/30/09	22,140	06/30/09	21,100
3	3732	HORSETOOTH	DIXON CANYON CREEK	68,700	10/31/09	136,538	06/30/09	136,538	06/30/09	68,700
3	3735	CURTIS	CACHE LA POUUDRE RIVER	657	05/31/09	703	06/30/09	703	06/30/09	667
3	3736	ROCKY RIDGE/WATER SUPPLY #1	CACHE LA POUUDRE RIVER	2,916	03/31/09	3,837	07/31/09	3,837	07/31/09	3,303
3		SUBTOTALS		126,440		267,858		267,858		164,071

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 3 (CONTINUED)

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				MINIMUM		MAXIMUM		END OF YEAR	
				AF	DATE	AF	DATE	AF	AF
		BALANCE FROM PREVIOUS PAGE		126,440		267,858		164,071	
3	3737	WATER SUPPLY #2 & #3	CACHE LA POUUDRE RIVER	1,721	03/31/09	4,241	06/30/09	3,089	
3	3738	WINDSOR RESERVOIR	CACHE LA POUUDRE RIVER	7,211	08/31/09	17,418	06/30/09	13,403	
3	3739	WATER SUPPLY #4	WATER SUPPLY RES #2 & #3	285	04/30/09	881	06/30/09	558	
3	3740	KLUVER	CACHE LA POUUDRE RIVER	168	03/31/09	827	10/31/09	827	
3	3742	LONG POND/WATER SUPPLY #5	CACHE LA POUUDRE RIVER	2,345	08/31/09	3,170	06/30/09	2,450	
3	3744	BLACK HOLLOW	CACHE LA POUUDRE RIVER	2,692	03/31/09	6,140	06/30/09	4,294	
3	3745	DOWDY LAKE RESERVOIR	SOUTH PINE CREEK	720	02/28/09	916	05/31/09	835	
3	3751	SOUTH GRAY RESERVOIR	BOX ELDER CREEK	518	08/31/09	719	02/28/09	518	
3	3770	WINDSOR LAKE	CACHE LA POUUDRE RIVER	2,713	11/01/08	3,043	10/31/09	3,043	
3	3772	SEELEY	CACHE LA POUUDRE RIVER	768	09/30/09	1,187	06/30/09	865	
3	3774	FOSSIL CREEK	FOSSIL CREEK	6,112	08/31/09	10,695	01/31/09	6,248	
3	3775	TIMNATH	DUCK SLOUGH	4,705	09/30/09	10,071	07/31/09	6,707	
3	3780	CLAYMORE	CACHE LA POUUDRE RIVER	403	11/01/08	898	04/30/09	805	
3	3786	WOOD	ROLLARD DRAW	2,313	07/31/09	2,912	06/30/09	2,570	
3	3804	WARREN	CACHE LA POUUDRE RIVER	1,065	04/30/09	2,172	06/30/09	1,069	
3	3805	TERRY/LARIMER WELD	CACHE LA POUUDRE RIVER	2,898	09/30/09	8,028	06/30/09	5,703	
3	3814	PANHANDLE RESERVOIR	PANHANDLE CREEK	1,017	11/01/08	1,017	11/01/08	1,017	
3	3952	RAWHIDE	CACHE LA POUUDRE RIVER	14,966	09/30/09	16,101	05/31/09	15,111	
3		OTHERS		5,759		13,692		7,593	
3		TOTALS		184,819		371,986		240,776	

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 4

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				MINIMUM		MAXIMUM		DATE	END OF YEAR
				AF	DATE	AF	DATE		
4	3659	LOVELAND MUNICIPAL	BIG THOMPSON	4,111	05/31/09	6,661	06/30/09	6,661	AF
4	4110	BOYD LAKE	BIG THOMPSON	27,401	03/31/09	48,179	06/30/09	40,590	AF
4	4116	DONATH	BIG THOMPSON	335	02/28/09	1,201	07/31/09	727	AF
4	4123	HORSETOOTH RESERVOIR	BIG THOMPSON	5,545	11/30/08	8,115	06/30/09	5,877	AF
4	4131	LOVELAND GREELEY RESERVOIR	BIG THOMPSON	9,978	08/31/09	12,736	06/30/09	11,720	AF
4	4133	LOVELAND LAKE	BIG THOMPSON	427	05/31/09	1,603	09/30/09	1,588	AF
4	4134	BOEDECKER LAKE/MARINO	BIG THOMPSON	1,167	02/28/09	5,493	05/31/09	2,056	AF
4	4136	LON HAGLER	BIG THOMPSON	3,848	08/31/09	4,854	10/31/09	4,854	AF
4	4137	LONE TREE	BIG THOMPSON	4,446	09/30/09	8,869	04/30/09	7,575	AF
4	4146	WELCH LAKE	BIG THOMPSON	2,773	03/31/09	6,747	06/30/09	6,747	AF
4	4156	BOULDER & LARIMER/ISH	LITTLE THOMPSON	2,216	09/30/09	7,062	06/30/09	3,967	AF
4	4166	HERTHA RESERVOIR	DRY CREEK HERTHA	761	11/30/08	1,844	09/30/09	1,634	AF
4	4513	CARTER	BIG THOMPSON	48,336	11/30/08	110,985	04/30/09	73,802	AF
4		OTHERS		1,741		2,905		2,257	AF
				113,085		227,254		170,055	AF

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 5

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)						END OF YEAR
				MINIMUM		MAXIMUM		DATE	AF	
				AF	DATE	AF	DATE			
5	3905	UNION	ST. VRAIN	10,352	03/31/09	12,768	05/31/09		AF	12,026
5	4010	BUTTON ROCK	ST. VRAIN	12,050	03/31/09	16,286	06/30/09			16,153
5	4020	BEAVER POND	BEAVER CREEK	320	11/30/08	2,400	06/30/09			320
5	4032	HIGHLAND #2	ST. VRAIN	1,632	08/31/09	3,589	05/31/09			2,409
5	4037	HIGHLAND #1	ST. VRAIN	490	08/31/09	979	06/30/09			764
5	4038	HIGHLAND #3	ST. VRAIN	657	08/31/09	1,357	11/30/08			962
5	4063	PLEASANT VALLEY	ST. VRAIN	2,310	10/31/09	3,076	05/31/09			2,310
5	4065	MCCALL RESERVOIR	ST. VRAIN	367	03/31/09	454	09/30/09			454
5	4067	OLIGARCHY RESERVOIR #1	ST. VRAIN	1,406	11/30/08	1,737	07/31/09			1,640
5	4071	FOOTHILLS	ST. VRAIN	0	11/30/08	4,346	06/30/09			2,364
5	4072	CLOVER BASIN RESERVOIR	ST. VRAIN	543	10/31/09	635	11/30/08			543
5	4073	MCINTOSH	ST. VRAIN	1,261	11/30/08	2,434	10/31/09			2,434
5	4076	LEFT HAND PARK	LEFT HAND CREEK	746	10/31/09	1,549	07/31/09			746
5	4081	LAGERMANN	LEFT HAND CREEK	552	03/31/09	682	07/31/09			612
5	4379	NEW THOMAS RESERVOIR	HOWLETT GULCH	1,420	02/28/09	2,317	05/31/09			2,228
5	4488	LEFT HAND VALLEY	LEFT HAND CREEK	789	11/30/08	1,528	05/31/09			873
5		TOTALS		34,895		56,137				46,838

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 6

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)																	
				MINIMUM		MAXIMUM		MINIMUM		MAXIMUM											
				AF	DATE	AF	DATE	AF	DATE	AF	DATE										
6	4172	BARKER	BOULDER CREEK	7,735	10/31/09	11,329	6/30/09												END OF YEAR	AF	7,735
6	4173	BASELINE	BOULDER CREEK	3,678	9/30/09	5,206	5/31/09													AF	3,755
6	4178	HILLCREST	BOULDER CREEK	2,037	3/31/09	2,207	5/31/09													AF	2,050
6	4180	LEGGETT	BOULDER CREEK	1,473	3/31/09	1,601	5/31/09													AF	1,483
6	4185	PANAMA	BOULDER CREEK	250	10/31/09	4,300	4/30/09													AF	250
6	4187	SIX MILE	BOULDER CREEK	600	9/30/09	1,350	3/31/09													AF	600
6	4199	GROSS	SOUTH BOULDER CREEK	18,300	4/30/09	41,497	7/31/09													AF	33,306
6	4212	MARSHALL	SOUTH BOULDER CREEK	3,609	11/30/08	9,568	5/31/09													AF	5,065
6	4230	VALMONT	SOUTH BOULDER CREEK	7,037	3/31/09	7,426	4/30/09													AF	7,067
6	4238	SILVER	NORTH BOULDER CREEK	2,688	4/30/09	4,000	7/31/09													AF	3,858
6	4489	GOOSE	NORTH BOULDER CREEK	300	2/28/09	1,036	5/31/09													AF	1,036
6	4515	BOULDER	BOULDER CREEK	6,611	9/30/09	9,726	6/30/09													AF	8,626
6		OTHERS		2,766		3,830														AF	3,524
6		TOTALS		57,084		103,076														AF	78,355

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 7

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				MINIMUM		MAXIMUM		END OF YEAR	
				AF	DATE	AF	DATE	AF	DATE
7	3018	WELTON RESERVOIR	CLEAR CREEK	9,299	03/31/09	9,798	06/30/09	9,551	AF
7	3308	BLUNN	CLEAR CREEK	4,887	09/30/09	6,226	04/30/09	5,045	AF
7	3324	RALSTON	RALSTON CREEK	6,520	01/31/09	10,476	07/31/09	8,773	AF
7	3406	COORS B #3	CLEAR CREEK	2,448	05/31/09	3,056	12/31/08	3,056	AF
7	3407	COORS B #4	CLEAR CREEK	4,000	11/30/08	4,000	11/30/08	4,000	AF
7	3702	FAIRMOUNT	CLEAR CREEK	692	02/28/09	990	05/31/09	802	AF
7	4030	GOLDEN RESERVOIR/WEST	CLEAR CREEK	1,255	07/31/09	1,355	05/31/09	1,319	AF
7	4411	MAPLE GROVE	SOUTH CLEAR CREEK	865	12/31/08	1,118	06/30/09	1,063	AF
7	4415	LONG LAKE RESERVOIR UPPER	RALSTON CREEK	1,009	02/28/09	1,463	05/31/09	1,294	AF
7		OTHERS		2,272		3,191		2,279	AF
7		TOTALS		33,247		41,673		37,182	AF

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 8

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				MINIMUM		MAXIMUM		END OF YEAR	
				AF	DATE	AF	DATE	AF	AF
8	3514	CHATFIELD	SOUTH PLATTE	24,034	10/31/09	27,400	04/30/09	24,034	AF
8	3532	CHERRY CREEK	CHERRY CREEK	12,223	01/31/09	13,397	04/30/09	12,689	AF
8	3832	MCLELLAN	DAD CLARK DITCH	3,910	12/31/08	5,866	06/30/09	5,153	AF
8	3983	STRONTIA SPRINGS DVR DAM	SOUTH PLATTE	6,680	09/30/09	7,982	05/31/09	7,124	AF
8	4097	SOUTH PLATTE LAKE	SOUTH PLATTE	1,993	11/30/08	6,389	04/30/09	3,462	AF
8		TOTALS		48,840		61,034		52,462	

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 9

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)						END OF YEAR		
				MINIMUM		MAXIMUM		DATE	AF	DATE	AF	
				AF	DATE	AF	DATE					
9	3501	MARSTON	SOUTH PLATTE	14,512	03/31/09	19,458	05/31/09					16,223
9	3815	SODA #1, #2	BEAR CREEK	0	10/31/09	1,466	04/30/09					0
9	3999	BEAR CREEK RESERVOIR	BEAR CREEK	1,014	02/28/09	2,032	04/30/09					1,927
9	4281	BOWLES	BEAR CREEK	1,444	11/30/08	2,079	04/30/09					1,755
9	4314	PATRICK	BEAR CREEK	1,161	11/30/08	1,161	11/30/08					1,161
9		OTHERS		1,993		3,543						2,096
9		TOTALS		20,124		29,739						23,162

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 23

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)						END OF YEAR
				MINIMUM		MAXIMUM		DATE	AF	
				AF	DATE	AF	DATE			
23	3904	ANTERO	S FK SOUTH PLATTE	19,754	08/31/09	20,347	11/30/08	19,971	AF	
23	3962	MONTGOMERY	MID FK SOUTH PLATTE	490	04/30/09	4,922	07/31/09	1,990	AF	
23	3965	ELEVEN MILE	MID FK SOUTH PLATTE	99,212	04/30/09	101,663	05/31/09	99,555	AF	
23	3981	JEFFERSON LAKE RESERVOIR	JEFFERSON LAKE	704	04/16/09	1,694	06/09/09	985	AF	
23	4013	SPINNEY MOUNTAIN	MID FK SOUTH PLATTE	43,024	10/31/09	53,900	06/30/09	43,024	AF	
23	4016	JAMES TINGLE RESERVOIR	MICHIGAN CREEK	53	04/30/09	389	06/30/09	327	AF	
23		TOTALS		163,237		182,915		165,852		

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 64

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				MINIMUM		MAXIMUM		END OF YEAR	
				AF	DATE	AF	DATE	AF	DATE
64	3551	NORTH STERLING	SOUTH PLATTE	24,701	10/31/09	75,454	06/30/09	24,701	AF
64	3552	PREWITT	SOUTH PLATTE	21,479	10/31/09	28,597	05/31/09	21,479	AF
64	3906	JULESBURG	SOUTH PLATTE	13,129	09/30/09	22,961	03/31/09	14,458	AF
64		TOTALS		59,309		127,012		60,638	

2008-2009 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WATER DISTRICT 80

WD	ID	RESERVOIR NAME	SOURCE STREAM	AMOUNT IN STORAGE (AF)					
				MINIMUM		MAXIMUM		DATE	END OF YEAR
				AF	DATE	AF	DATE		
80	3550	CHEESMAN	S FK SOUTH PLATTE	65,760	11/30/98	79,651	05/31/09	70,343	AF
80	3828	ALTURA RESERVOIR	GENEVA CREEK	0	11/01/08	430	07/20/09	0	0
80	3829	WELLINGTON	N FK SOUTH PLATTE	3,400	09/30/09	4,465	05/31/09	3,400	3,400
80		TOTAL		69,160		84,546		73,743	

Table 5 – Water Diversion Summaries

WATER DIVERSION SUMMARIES 2008-2009

WD	STRUCTURES REPORTING			ESTIMATED NUMBER OF STRUCTURE VISITS	TOTAL DIVERSIONS (AF)	TOTAL DIVERSIONS TO STORAGE	TO IRRIGATION		
	WITH RECORD	NO WATER AVAIL.	NO WATER TAKEN				NO INFO AVAIL.	TOTAL DIVERSIONS (AF)	NO. OF ACRES IRRIGATED
1	550	12	72	16,754	1,285,564	202,987	349,609	0	0
2	211	1	26	22,345	800,772	142,268	361,677	0	0
3	302	0	13	32,070	1,213,585	320,618	381,505	0	0
4	113	0	2	8,827	368,691	151,575	104,401	0	0
5	101	0	16	10,524	163,139	10,906	110,206	0	0
6	131	0	19	11,974	280,740	68,844	86,774	0	0
7	100	0	4	12,644	173,232	9,180	29,830	0	0
8	488	28	135	7,782	438,548	109,710	27,095	0	0
9	46	0	13	696	20,680	4,109	9,505	0	0
23	135	0	28	6,206	105,721	79,694	20,005	0	0
48	53	0	5	2,207	20,223	0	18,626	0	0
49	1	0	8	113	169	0	169	0	0
64	921	2	174	19,354	569,215	114,643	247,648	0	0
65	8	0	12	757	12,266	0	394	0	0
76	0	0	0	0	0	0	0	0	0
80	86	5	7	1,229	60,179	46,821	11,791	0	0
TOT	3,246	48	534	807	5,512,724	1,261,355	1,759,235	0	0

WATER DIVERSION SUMMARIES TO VARIOUS USE 2008-2009

WD	TRANS-MOUNTAIN OUTFLOW	TRANS-BASIN OUTFLOW	EXPORT FROM STATE	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	FIRE	DOMESTIC	HOUSEHOLD USE ONLY	STOCK
1	0	0	0	2,238	2,062	8,342	0	0	0	50	39	97
2	0	36,289	0	86,102	749	7,805	318	0	0	0	0	7
3	0	2,517	0	62,373	24	5,243	0	0	0	67	0	0
4	0	0	0	34,939	35	0	0	0	0	3	0	0
5	0	3,164	0	22,910	6	0	0	0	0	21	0	0
6	0	2,444	0	81,816	65	926	0	0	0	0	0	0
7	0	26,060	0	7,915	1	49,968	0	0	0	0	0	15
8	0	3,482	0	230,12	1,649	32,441	0	2,053	0	306	0	0
9	0	0	0	2,587	12	0	0	0	0	0	0	0
23	13,943	0	0	439	0	945	41	3,620	0	9	0	175
48	1,597	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	3,836	201	702	0	161	0	0	0	31
65	0	0	4,193	0	0	0	0	2,965	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0
80	0	1,071	0	86	0	0	179	0	0	0	0	0
TOT	15,540	75,027	4,193	535,36	4,804	106,372	538	8,799	0	456	39	325

WD	AUGMENTATION	EVAPORATION	FEDERAL RSRVE	GEOHERMAL	SNOWMAKING	MINIMUM STREAMFLOW	POWER GENERATION	WILDLIFE	RECHARGE	OTHER	ALL BENEFICIAL USE
1	4,368	63	0	0	0	0	0	0	218,972	0	0
2	67,787	0	0	0	0	0	0	0	16,986	8,34	0
3	5,271	6,446	0	0	0	0	0	0	3,659	0	0
4	1,137	0	0	0	0	0	0	0	1,266	0	0
5	13,405	0	0	0	0	1,000	0	0	0	0	0
6	1,719	0	0	0	0	10,952	7,660	0	0	300	0
7	20,527	462	0	0	91	0	0	0	1,763	0	0
8	9,147	252	0	0	0	0	0	0	0	0	0
9	162	266	0	0	0	0	0	0	0	0	0
23	3,787	0	0	0	0	0	0	0	200	0	0
48	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0
64	433	8	0	0	0	0	0	658	114,026	0	0
65	4	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0
80	276	0	0	0	0	0	0	0	0	0	0
TOT	128,023	7,497	0	0	91	11,952	7,660	658	356,872	8,64	0

Table 6 – Augmentation Releases

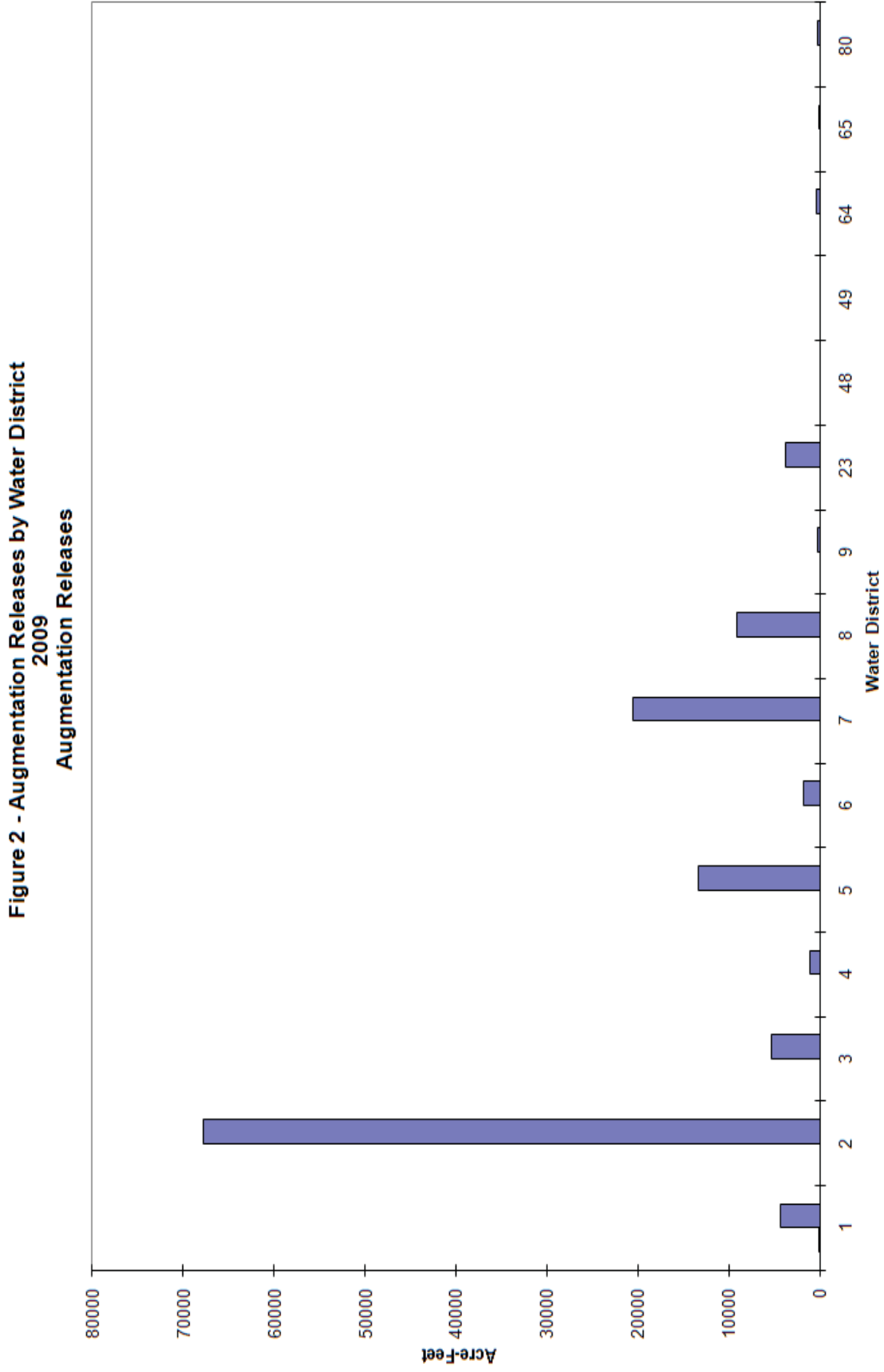


Table 7 – Water Court Activities

WATER COURT ACTIVITIES
Calendar Year 2009

New Applications made to water court this year.....	283
Consultations with Referee this year.....	344
Decrees Issued by Court this year.....	367
Dismissals.....	37
Vacated.....	8

TYPES OF RULINGS

TYPE OF RULING	NUMBER OF CASES	NUMBER OF STRUCTURES
Findings of Diligence on Conditional Rights	43	86
Exchanges Adjudicated	17	37
Conditional Rights Made Absolute	9	32
Conditional Rights Cancelled	15	22
Surface Water Rights Adjudicated	14	23
Underground Water Rights Adjudicated	185	759
Water Storage Rights Adjudicated	19	25
Plans for Augmentation Adjudicated	36	112
Changes of Water Rights Adjudicated	40	88
Withdrawn	4	4
Consent Decrees	1	1
Recharge Sites	6	23
Corrected Decrees	7	73
Water Rights Abandoned	4	6

Table 8 – Main Stem Call Record

CALLING PRIORITY 2008-2009

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2008-10-07 08:00	2008-11-01 08:00	SOUTH PLATTE RIVER	200802	BURLINGTON D RIVER HG	1909-01-13	21562.00000	900.0000 CFS	2,8,9,23,80	
2008-10-14 08:00	2008-11-01 08:00	SOUTH PLATTE RIVER	100829	PREWITT INLET CANAL	1986-06-17	49841.00000	1000.0000 CFS	1,2,3,4,5,6,7	BYPASS CALL FROM 0100503 - RIVERSIDE CANAL
2008-11-01 08:00	2008-11-29 08:00	SOUTH PLATTE RIVER	6403906	JULESBURG RES	1974-03-15	45364.00000	26.8000 CFS	1,64	BYPASS CALL FROM 6400535 - SOUTH PLATTE DITCH
2008-11-01 08:00	2008-11-02 08:00	SOUTH PLATTE RIVER	103817	JACKSON LAKE RES	1902-04-01	19083.00000	500.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100503 - RIVERSIDE CANAL
2008-11-01 08:00	2008-11-02 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1908-06-15	21350.00000	300.0000 CFS	1	
2008-11-02 08:00	2008-11-10 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1915-08-01	26302.23953	411.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	
2008-11-10 08:00	2008-12-11 08:00	SOUTH PLATTE RIVER	100513	JACKSON LAKE INLET DITCH	1909-05-29	21698.00000	510.0000 CFS	1,2,3,4,5,6,7,8,9,23,60	BYPASS CALL FROM 0200817 - EVANS NO 2 DITCH
2008-11-10 08:00	2008-12-16 12:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1915-08-01	26302.23953	411.0000 CFS	1	
2008-12-11 08:00	2008-12-16 12:00	SOUTH PLATTE RIVER	100513	JACKSON LAKE INLET DITCH	1911-03-17	22355.00000	400.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2008-12-16 12:00	2008-12-19 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1915-08-01	26302.23953	411.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	
2008-12-20 08:00	2009-01-20 08:00	SOUTH PLATTE RIVER	801002	DENVER CONDUIT NO 20	1910-12-06	22254.00000	85.4400 CFS	8,80,23	
2008-12-29 08:00	2009-01-20 08:00	SOUTH PLATTE RIVER	103552	PREWITT RES	1915-08-01	26302.23953	411.0000 CFS	1,2,3,4,5,6,7,8,9	BYPASS CALL FROM 0100687 - NORTH STERLING CANAL

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-01-20 08:00	2009-01-21 08:00	SOUTH PLATTE RIVER	103552	PREWITT RES	1915-08-01	26302.23953	411.0000 CFS	1,2,3,4,5,6,7	BYPASS CALL FROM 0100687 - NORTH STERLING CANAL
2009-01-20 08:00	2009-02-21 08:00	SOUTH PLATTE RIVER	203837	BARR LAKE	1909-01-13	21562.00000	54941.2620 AF	2,8,9,23,80	
2009-01-21 08:00	2009-01-29 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1915-08-01	26302.23953	411.0000 CFS	1,2,3,4,5,6,7	
2009-01-29 08:00	2009-03-03 08:00	SOUTH PLATTE RIVER	100829	PREWITT INLET CANAL	1915-08-01	26302.23953	411.0000 CFS	1,2,3,4,5,6,7	BYPASS CALL FROM 0100687 - NORTH STERLING CANAL
2009-03-13 08:00	2009-03-16 08:00	SOUTH PLATTE RIVER	100829	PREWITT INLET CANAL	1986-06-17	50403.49841	1950.0000 AF	1,2,3,4,5,6,7	BYPASS CALL FROM 0103400 - VANCIL RES
2009-03-16 08:00	2009-03-19 08:00	SOUTH PLATTE RIVER	6403906	JULESBURG RES	1986-06-17	50403.49841	1950.0000 AF	1,2,3,4,5,6,7,64	BYPASS CALL FROM 0103400 - VANCIL RES
2009-03-19 08:00	2009-03-23 08:00	SOUTH PLATTE RIVER	6403906	JULESBURG RES	1977-06-30	47847.46567	175.0000 CFS	1,2,3,4,5,6,7,64	BYPASS CALL FROM 0100519 - TREMONT DITCH
2009-03-23 08:00	2009-03-26 08:00	SOUTH PLATTE RIVER	6403906	JULESBURG RES	1977-06-30	47847.46567	175.0000 CFS	1,64	BYPASS CALL FROM 0100519 - TREMONT DITCH
2009-03-23 08:00	2009-03-27 08:00	SOUTH PLATTE RIVER	100503	RIVERSIDE CANAL	1929-12-31	31423.29219	1000.0000 CFS	1,2,3,4,5,6,7	
2009-03-26 08:00	2009-03-27 08:00	SOUTH PLATTE RIVER	100507	BIJOU CANAL	1972-05-26	44706.00000	600.0000 CFS	1	
2009-03-26 08:00	2009-03-27 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1996-05-08	53454.00000	600.0000 CFS	1	
2009-03-27 08:00	2009-04-09 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1996-05-08	53454.00000	600.0000 CFS	1,2,3,4,5,6,7	
2009-04-09 08:00	2009-04-12 08:00	SOUTH PLATTE RIVER	100507	BIJOU CANAL	1986-06-17	50403.49841	1950.0000 AF	1,2,3,4,5,6,7	BYPASS CALL FROM 0103400 - VANCIL RES
2009-04-09 08:00	2009-04-11 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1996-05-08	53454.00000	600.0000 CFS	1	

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-04-11 08:00	2009-04-17 16:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	2002-12-31	55882.00000	600.0000 CFS	1,2,3,4,5,6,7	
2009-04-12 08:00	2009-04-14 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1972-06-12	44723.00000	234.1700 CFS	1,2,3,4,5,6,7	
2009-04-13 08:00	2009-04-14 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1911-03-17	22355.00000	400.0000 CFS	2,8,9,23,80	
2009-04-14 08:00	2009-04-17 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1972-06-12	44723.00000	234.1700 CFS	1	
2009-04-14 08:00	2009-04-17 08:00	SOUTH PLATTE RIVER	100507	BIJOU CANAL	1972-05-26	44706.00000	600.0000 CFS	1	
2009-04-14 08:00	2009-04-17 08:00	SOUTH PLATTE RIVER	100503	RIVERSIDE CANAL	1929-12-31	31423.29219	1000.0000 CFS	1,2,3,4,5,6	
2009-04-14 08:00	2009-04-16 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1911-03-17	22355.00000	400.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-04-16 08:00	2009-04-17 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1885-11-20	13108.00000	350.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-04-17 08:00	2009-04-17 16:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1911-03-17	22355.00000	400.0000 CFS	2,8,9,23,80	
2009-04-17 08:00	2009-04-17 08:00	SOUTH PLATTE RIVER	100503	RIVERSIDE CANAL	1929-12-31	31423.29219	1000.0000 CFS	1,2,3,4,5,6,7	
2009-04-17 16:00	2009-04-18 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	2002-12-31	55882.00000	600.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	
2009-04-25 08:00	2009-04-26 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1986-06-17	50403.49841	1950.0000 AF	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0103400 - VANCIL RES
2009-04-26 08:00	2009-04-28 08:00	SOUTH PLATTE RIVER	100687	STERLING CANAL	1914-05-27	26302.23522	460.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	
2009-04-28 08:00	2009-04-29 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	2000-02-02	54819.00000	30.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100507 - BIJOU CANAL

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-04-29 08:00	2009-05-01 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	2003-05-06	56008.00000	350.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100507 - BIJOU CANAL
2009-05-01 07:52	2009-05-02 08:00	SOUTH PLATTE RIVER	100829	PREWITT INLET CANAL	1929-12-31	31423.29219	695.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	
2009-05-02 08:00	2009-05-06 12:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1914-05-27	26302.23522	460.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	
2009-05-02 08:00	2009-05-07 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1974-03-15	45364.00000	26.8000 CFS	1,64	BYPASS CALL FROM 6400535 - SOUTH PLATTE DITCH TO JID 1904
2009-05-06 12:00	2009-05-07 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1908-03-09	21252.00000	600.0000 CFS	2,7,8,9,80,23	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-05-07 08:00	2009-05-10 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1899-05-01	18018.00000	76.1600 CFS	0	BYPASS CALL FROM 0801002 - DENVER CONDUIT NO 20
2009-05-07 08:00	2009-05-09 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1914-05-27	26302.23522	460.0000 CFS	1,2,3,4,5,6,64	BYPASS CALL FROM 0100687 - NORTH STERLING CANAL TO JID 1904
2009-05-09 08:00	2009-05-10 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1904-02-12	19765.00000	450.0000 CFS	1,2,3,4,5,6,64	
2009-05-10 08:00	2009-05-11 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1904-02-12	19765.00000	450.0000 CFS	1,2,3,4,5,6,7,8,9,23,64,80	
2009-05-11 08:00	2009-05-13 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1904-02-12	19765.00000	450.0000 CFS	1,2,3,4,5,6,64	
2009-05-11 08:00	2009-05-13 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1899-05-01	18018.00000	76.1600 CFS	0	BYPASS CALL FROM 0801002 - DENVER CONDUIT NO 20

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-05-13 08:00	2009-05-16 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1899-05-01	18018.00000	76.1600 CFS	2,8,9,23,80	BYPASS CALL FROM 0801002 - DENVER CONDUIT NO 20
2009-05-13 08:00	2009-05-16 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1904-02-12	19765.00000	450.0000 CFS	1,2,3,4,5,6,7,64	
2009-05-16 08:00	2009-05-18 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1892-09-01	15585.00000	50.6600 CFS	2,8,9,23,80	BYPASS CALL FROM 0801002 - DENVER CONDUIT NO 20
2009-05-16 08:00	2009-05-26 08:00	SOUTH PLATTE RIVER	6499999	SOUTH PLATTE RIVER COMPACT	1897-06-14	17332.00000	120.0000 CFS	64	
2009-05-16 08:00	2009-05-18 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1895-07-11	16628.00000	16.0000 CFS	1,2,3,4,5,6,7,64	BYPASS CALL FROM 6400522 - BRAVO DITCH
2009-05-18 08:00	2009-05-19 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1895-07-11	16628.00000	16.0000 CFS	1,2,3,4,5,6,7,8,9,23,64,80	BYPASS CALL FROM 6400522 - BRAVO DITCH
2009-05-19 08:00	2009-05-20 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1888-10-01	14154.00000	450.0000 CFS	1,2,3,4,5,6,7,8,9,23,64,80	BYPASS CALL FROM 0100507 - BIJOU CANAL
2009-05-19 08:00	2009-05-23 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1895-07-11	16628.00000	16.0000 CFS	64	BYPASS CALL FROM 6400522 - BRAVO DITCH
2009-05-20 08:00	2009-05-23 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1888-04-15	13985.00000	164.0000 CFS	1,2,3,4,5,6,7,8,9,23,64,80	BYPASS CALL FROM 0100515 - UPPER PLATTE BEAVER CNL
2009-05-23 08:00	2009-05-24 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1915-08-01	26302.23953	411.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100687 - NORTH STERLING CANAL
2009-05-24 08:00	2009-05-25 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1929-12-31	31423.29219	695.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100829 - PREWITT INLET CANAL
2009-05-30 08:00	2009-06-01 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1929-12-31	31423.29219	1000.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100503 - RIVERSIDE CANAL

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-06-01 08:00	2009-06-02 08:00	SOUTH PLATTE RIVER	100829	PREWITT INLET CANAL	1929-12-31	31423.29219	695.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	
2009-07-10 08:00	2009-07-11 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1929-12-31	31423.29219	400.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100513 - JACKSON LAKE INLET DITCH
2009-07-11 08:00	2009-07-12 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1914-05-27	26302.23522	460.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	
2009-07-12 08:00	2009-07-13 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1907-11-28	21150.00000	300.0000 CFS	2,8,9,23,80	
2009-07-12 08:00	2009-07-13 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1914-05-27	26302.23522	460.0000 CFS	1,2,3,4,5,6,7	
2009-07-13 08:00	2009-07-14 08:00	SOUTH PLATTE RIVER	100514	FT MORGAN CANAL	1907-05-31	20969.00000	417.0000 CFS	1,2,3,4,5,6,7	BYPASS CALL FROM 0100503 - RIVERSIDE CANAL
2009-07-13 08:00	2009-07-15 08:00	SOUTH PLATTE RIVER	100687	NORTH STERLING CANAL	1914-05-27	26302.23522	460.0000 CFS	1	
2009-07-13 08:00	2009-07-14 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1885-11-20	13108.00000	350.0000 CFS	2,8,9,23,80	
2009-07-14 08:00	2009-07-15 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1888-10-01	14154.00000	450.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100507 - BIJOU CANAL
2009-07-15 08:00	2009-07-17 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1885-11-20	13108.00000	350.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-07-15 08:00	2009-07-21 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1888-04-15	13985.00000	284.0000 CFS	1,2,3,4,5,6,64	BYPASS CALL FROM 0100518 - LOWER PLATTE BEAVER D
2009-07-16 08:00	2009-07-18 08:00	NO FK REPUBLI CAN RIV	6500506	HAIGLER LAND CATTLE CO D	1890-04-04	14704.00000	50.0000 CFS		PIONEER NEBRASKA CALL FOR 29 CFS

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-07-17 08:00	2009-07-20 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1876-11-20	9821.00000	85.4000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200824 - FARMERS INDEPENDENT D
2009-07-20 08:00	2009-07-21 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1873-10-15	8689.00000	94.2500 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200813 - PLATTEVILLE DITCH
2009-07-21 08:00	2009-07-22 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1888-04-15	13985.00000	284.0000 CFS	1,2,3,4,5,6,7,8,9,23,64,80	BYPASS CALL FROM 0100518 - LOWER PLATTE BEAVER D
2009-07-22 08:00	2009-07-24 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1904-02-12	19765.00000	450.0000 CFS	1,2,3,4,5,6,7,80	JID 1904
2009-07-24 08:00	2009-07-25 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1904-02-12	19765.00000	450.0000 CFS	1,2,3,4,5,6,7,64	JID 1904
2009-07-24 08:00	2009-07-25 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1885-11-20	13108.00000	350.0000 CFS	2,8,9,23,80	
2009-07-25 08:00	2009-07-26 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1904-02-12	19765.00000	450.0000 CFS	1,2,3,4,5,6,64	JID 1904
2009-07-25 08:00	2009-07-26 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1885-11-20	13108.00000	350.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-07-26 08:00	2009-07-29 12:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1904-02-12	19765.00000	450.0000 CFS	1,2,3,4,5,6,7,80	JID 1904
2009-07-29 12:00	2009-07-30 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1929-12-31	31423.29219	695.0000 CFS	1,2,3,4,5,6,7,8,9,23,64,80	BYPASS CALL FROM 0100829 - PREWITT INLET CANAL
2009-07-30 08:00	2009-07-31 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1972-06-12	44723.00000	234.1700 CFS	1,2,3,4,5,6,7,8,9,23,64,80	BYPASS CALL FROM 0100515 - UPPER PLATTE BEAVER CNL
2009-07-31 12:00	2009-08-02 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1909-01-13	21562.00000	900.0000 CFS	2,8,9,23,80	BARR LAKE REFILL

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-08-02 08:00	2009-08-04 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1909-01-13	21562.00000	900.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-08-04 08:00	2009-08-06 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1885-11-20	13108.00000	350.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-08-05 08:00	2009-08-07 08:00	SOUTH PLATTE RIVER	6400511	HARMONY DITCH 1	1929-12-31	31423.29219	695.0000 CFS	1,2,3,4,5,6,64	BYPASS CALL FROM 0100829 - PREWITT INLET CANAL
2009-08-06 08:00	2009-08-08 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1881-01-15	11338.00000	63.3000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200809 - BRANTNER DITCH
2009-08-07 08:00	2009-08-08 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1929-12-31	31423.29219	695.0000 CFS	1,2,3,4,5,6,64	BYPASS CALL FROM 0100829 - PREWITT INLET CANAL
2009-08-08 08:00	2009-08-09 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1888-04-15	13985.00000	164.0000 CFS	1,2,3,4,5,6	
2009-08-08 08:00	2009-08-12 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1885-11-20	13108.00000	350.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-08-08 08:00	2009-08-09 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1929-12-31	31423.29219	695.0000 CFS	1,64	BYPASS CALL FROM 0100829 - PREWITT INLET CANAL
2009-08-12 08:00	2009-08-13 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1876-11-20	9821.00000	85.4000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200824 - FARMERS INDEPENDENT D
2009-08-13 08:00	2009-08-24 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1888-04-15	13985.00000	164.0000 CFS	1,2,3,4,5,6	
2009-08-13 08:00	2009-08-14 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1873-10-15	8689.00000	94.2500 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200813 - PLATTEVILLE DITCH

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-08-14 08:00	2009-08-19 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1871-10-05	7948.00000	177.0700 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200817 - EVANS NO 2 DITCH
2009-08-19 08:00	2009-08-20 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1885-11-20	13108.00000	350.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-08-20 08:00	2009-08-21 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1872-07-01	8218.00000	12.1800 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200809 - BRANTNER DITCH
2009-08-21 08:00	2009-09-13 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1871-10-05	7948.00000	177.0700 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200817 - EVANS NO 2 DITCH
2009-08-24 08:00	2009-09-03 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1888-04-15	13985.00000	164.0000 CFS	1,2,3,4,5,6,64	BYPASS CALL FROM 0100515 - UPPER PLATTE BEAVER CNL
2009-09-03 07:43	2009-09-05 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1902-01-17	19009.00000	175.0000 CFS	1,2,3,4,5,6,64	BYPASS CALL FROM 0100519 - TREMONT DITCH
2009-09-05 08:00	2009-09-09 08:00	SOUTH PLATTE RIVER	6400528	STERLING IRR CO DITCH 1	1907-05-31	20969.00000	417.0000 CFS	1,2,3,4,5,6,64	BYPASS CALL FROM 0100503 - RIVERSIDE CANAL
2009-09-09 08:00	2009-09-13 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1907-05-31	20969.00000	417.0000 CFS	1,2,3,4,5,6	BYPASS CALL FROM 0100503 - RIVERSIDE CANAL
2009-09-13 08:00	2009-09-14 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1907-05-31	20969.00000	417.0000 CFS	1,2,3,4,5,6,7,8,9,23,80	BYPASS CALL FROM 0100503 - RIVERSIDE CANAL
2009-09-14 08:00	2009-09-16 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1972-05-26	44706.00000	600.0000 CFS	1,2,3,4,5,6	BYPASS CALL FROM 0100507 - BIJOU CANAL
2009-09-14 08:00	2009-09-15 08:00	SOUTH PLATTE RIVER	200822	MEADOW ISLAND DITCH	1876-04-10	9597.00000	8.3300 CFS	2,7,8,9,23,80	
2009-09-15 08:00	2009-09-22 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1885-11-20	13108.00000	350.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-09-16 08:00	2009-09-22 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1985-03-11	50769.49378	150.0000 CFS	1,2,3,4,5,6	BYPASS CALL FROM 0100503 - RIVERSIDE CANAL

CALLING PRIORITY 2008-2009 (Continued)

Start Date	End Date	Water Source	WDID	Structure Name	Appro Date	Admin No	Decreed Amt	Districts Affected	Set Comments
2009-09-22 08:00	2009-09-23 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1995-12-06	53300.00000	450.0000 CFS	1,2,3,4,5,6	BYPASS CALL FROM 0100507 - BIJOU CANAL
2009-09-22 08:00	2009-09-23 08:00	SOUTH PLATTE RIVER	200825	HEWES COOK DITCH	1909-01-13	21562.00000	900.0000 CFS	2,7,8,9,23,80	BYPASS CALL FROM 0200802 - BURLINGTON D RIVER HG
2009-09-23 08:00	2009-10-22 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1909-01-13	21562.00000	900.0000 CFS	2,8,9,23,80	
2009-09-23 08:00	2009-09-24 08:00	SOUTH PLATTE RIVER	100515	UPPER PLATTE BEAVER CNL	1995-12-06	53300.00000	450.0000 CFS	1,2,3,4,5,6,7	BYPASS CALL FROM 0100507 - BIJOU CANAL
2009-10-23 08:00	2009-10-28 08:00	SOUTH PLATTE RIVER	200802	BURLINGTO N D RIVER HG	1909-01-13	21562.00000	900.0000 CFS	2,8,9,23,80	

Table 9 – Staffing and Statistics

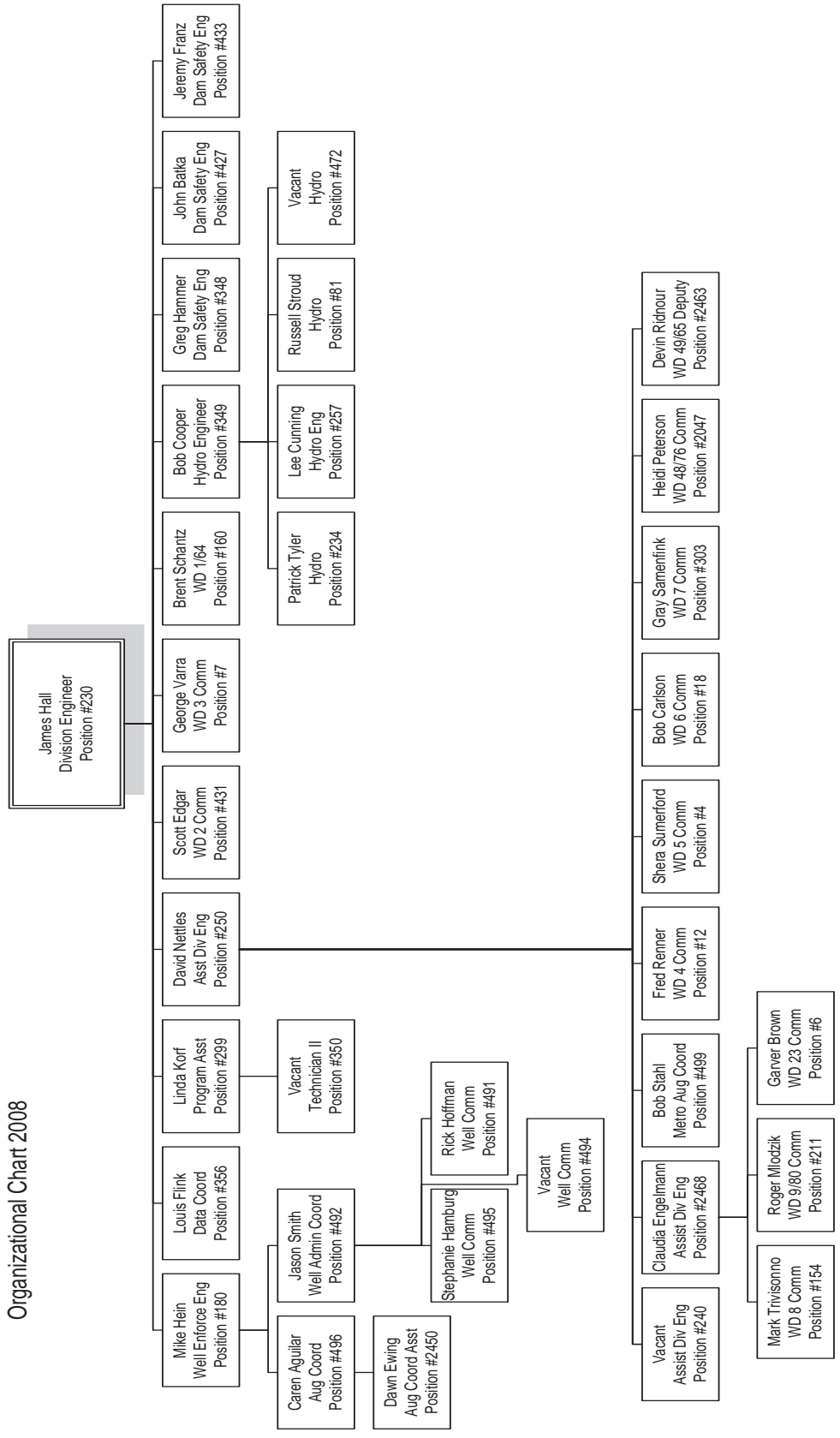
Staffing

Dam Safety Engineers	3
Water Resource Engineers	7
IT Professional	1
Engineering/Physical Science Techs/Assistants (Includes 4 Hydrographers)	9
Program Asst 1, Admin II & Technician II	3
Physical Science Researcher/Scientist 1	2
Full-Time Water Commissioners	21
Permanent Part-Time Water Commissioners	<u>3</u>
TOTAL STAFF	49

Statistics

Number of Well Permits	1,567
Number of Plans for Augmentation	993
Number of Dams routinely inspected	243
Number of Active Substitute Supply Plans	235
Number of Contacts to give Public Assistance	97,045+

Table 10 – Organizational Chart
Organizational Chart 2008



Organization Chart for Water Commissioners 2008

