



***Colorado Division of Water Resources
Annual Report
Water Division 4
2000***

STATE OF COLORADO

DIVISION OF WATER RESOURCES

WATER DIVISION FOUR

Office of the State Engineer
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March 23, 2001

Mr. Hal Simpson, State Engineer
Division of Water Resources
1313 Sherman, Room 818
Denver, Colorado 80203

Dear Hal,

On behalf of the staff of Division IV, we proudly submit the Annual Report for 2000.

Sincere appreciation is extended to yourself, your staff in Denver, and Division IV for the support and dedication provided in fulfillment of our statutory and professional duties.

Sincerely,

Wayne I. Schieldt
Division Engineer

WIS:jp

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Accomplishments

Water Administration

In the annals of Gunnison and San Miguel River flows, the 2000 season will go down as one of the driest in recent history. The measure for comparison for a drought year has been the 1977 season. Water Commissioners who were around then remember that year vividly, and this year compared very closely. In some areas conditions seemed to be even drier than in 1977.

After near-record precipitation last summer, base flows of area rivers were very strong going into the 2000 season. The snowpack during the winter remained about 70 to 80 percent of normal, but the late spring snows in April and May that are so critical to the snowpack did not happen. Record heat in May melted all but the highest snows. By the end of the month, the major snowmelt was over and the flows had settled down to mid summer levels.

On June 1, 2000, a call was received from Greg Strong, Manager of Redlands Water and Power Company regarding the Redlands Canal. This structure is located on the Lower Gunnison River about three miles above the confluence with the Colorado River, and has a 1912 water right for 670 cfs and a 1959 water right for 80 cfs. Greg subsequently submitted a written call to this office because their flow was dropping rapidly and approaching 750 cfs. The U.S. Fish and Wildlife service (USF&WS) was operating the fish ladder at the time, diverting about 100 cfs around the Redlands diversion. The situation was monitored continuously for the next week. Fortunately, precipitation came, the release out of Crystal was increased slightly and the call was averted. This situation was particularly unusual since the first part of June is usually when the river peaks.

Fortunately, the reservoirs on the Grand Mesa had a 50-60% carryover of storage from last fall and were still able to fill during spring runoff. By June, only a few senior ditches were still running direct-flow water, and users started to draw reservoir water. The large summer demand left some water users without the critical fall reservoir water they needed to irrigate orchards in September and October.

The North Fork of the Gunnison usually goes on call every year, but the call was earlier and longer this year. Paonia Reservoir filled, but the water users in the Fire Mountain Canal needed more than usual. On August 31, the reservoir water ran out and the canal was shut down. This closure was four weeks earlier than normal.

On the Upper Gunnison River, the level at Taylor Park Reservoir peaked just three feet below the spillway. Blue Mesa Reservoir, which usually fills on a normal year, only filled to ten feet below the spillway. The Uncompahgre Valley Water Users Association (UVWUA) have a 106,230 acre-feet first fill in Taylor Park Reservoir that they may move

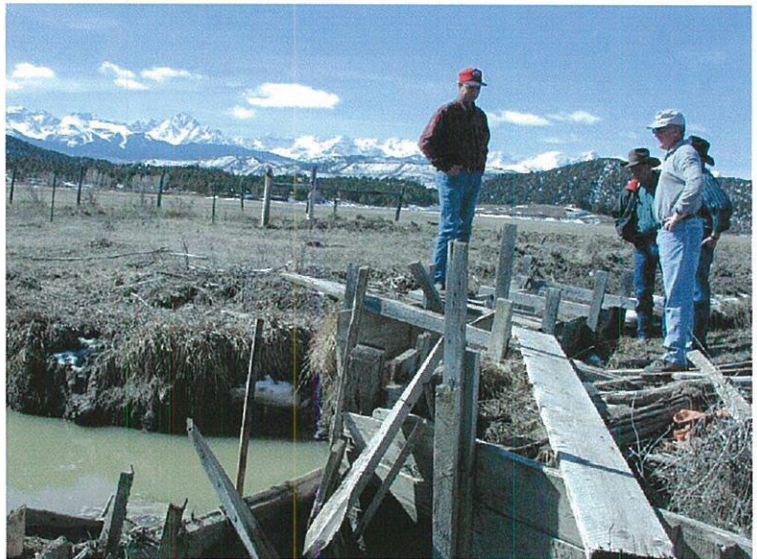


down to Blue Mesa Reservoir and release into the Gunnison Tunnel if needed. A detailed spreadsheet is maintained by this office to keep track of the various pools in Taylor Park and Blue Mesa Reservoirs. This year, they used 16,534 acre-feet of their storage pool. Releases of second fill in Taylor Park Reservoir added another 7300 acre-feet to the natural stream flow that would have added to the amount the UVWUA used in Blue Mesa Reservoir. In total, the UVWUA needed 23,834 acre-feet out of storage to satisfy the Gunnison Tunnel demands.

The East River No. 2 Ditch placed the East River on call from August 10 to September 1, calling for their 27.1 cfs, 1941 right. This call has not been placed in quite some time; the owner said it seemed worse than in 1977.

In the western portion of Division 4, the San Miguel River also experienced some administrative problems. The Highline Canal, located just above Naturita at the lower end on the system, usually puts the call on the river in a normal year. They have a series of water rights, and as the flow decreases, the call moves from the junior to the senior rights. A few small rainstorms managed to keep the call from coming on until August 1. The call started with their 1939 right but went down into the 1929 right. There is usually enough water to satisfy the 1939 right. In 1977, the flow was lower earlier in the year, but summer rains ended the drought sooner. As a result of the call, numerous augmentation plans were administered; most involving the release of pond water dedicated to the plan. Owners occasionally stock fish in the augmentation ponds, and when the ponds are released, the fish get washed into the river.

Perhaps the most difficult administration in 2000 occurred on the Uncompahgre River. In a dry year, the UVWUA will dry up the river at the East Canal and place the call with their original water rights. This call includes the system of the West, M&D, Loutsenhizer, East, Selig, Garnet, and Ironstone Canals. This year, it occurred on June 26, which is much earlier than usual. The UVWUA has 10,300 acre-feet in Ridgway Reservoir. The depth of their river call depends on how long they think the reservoir water will last. In some years, to satisfy the

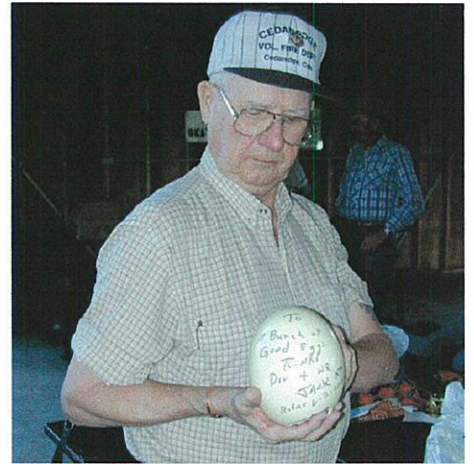


UVWUA need, this office only shuts off all un-decreed water and curtails all other water users down to their decreed amount. The flows were so low this year that we had to start shutting water rights down through the priority system until we reached the 1940's rights. There are a number of 1941 and 1942 water rights in the Uncompahgre Valley that have not been shut off since Ridgway Reservoir was built in 1986. It was quite a shock for these water users who felt like they had been protected by the reservoir. This call lasted until August 22 when the valley started receiving the late summer monsoonal moisture.

On Dallas Creek, a tributary of the Uncompahgre River, several local calls occurred. In evaluating the supply for the Log Hill Village Subdivision, it has always seemed to be a major concern for the Ouray County Commissioners if priority 100 would be called out in a dry year. After a thorough analysis of the flows on Lower Dallas Creek from the Water Commissioner, Eric Weig, the flows were found to be low enough that it *would have* been called out. However, the senior ditches below the Loghill Pumping Station did not exercise their calling rights.

Personnel/Budget

There was very little turnover in Division 4 this year. John (Jack) McHugh, a long-time Water Commissioner in the Cedaredge area, retired on June 2. Doug Wist was hired on July 1 to take his place. Prior to being hired, Doug spent numerous days training with Jack for the job and was fully prepared to assume his responsibilities.



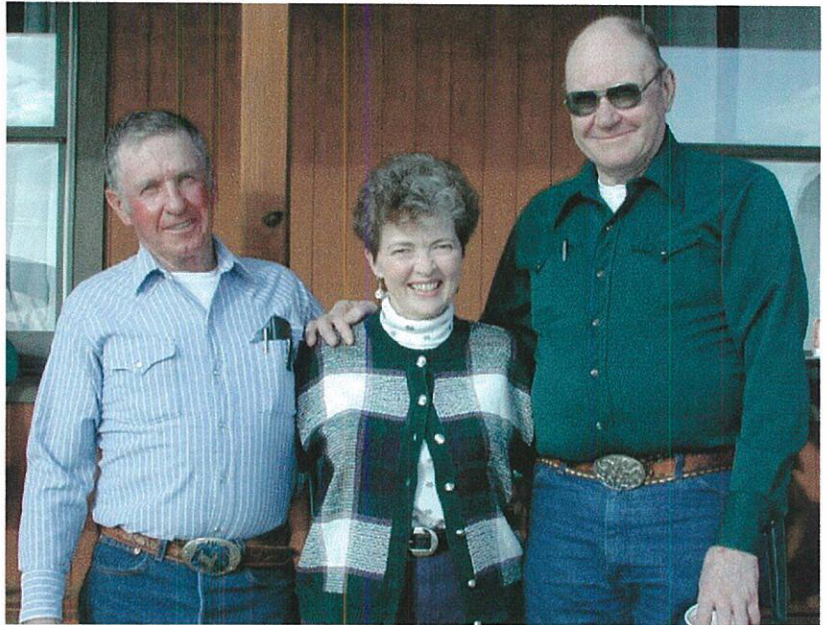
Division 4 had two summer students this summer. Nam Le was hired for the months of June and July for a special keypunching project and to assist in hydrographic work. Katie Kubin was hired for the Youth in Natural Resources Program. Both students did an excellent job and provided assistance to the office staff during the busy summer months. LuAnn Beasley has done an outstanding job over the years in supervising this program.

The 2000 Water Commissioner of the Year was Richard Rozman, District 59. Richard is a long-time resident of the Crested Butte area and administers the Gunnison River and tributaries from the Town of Gunnison upstream. Over the last decade, numerous complex augmentation plans have been decreed in the Crested Butte area, with several new filings occurring each year. Richard administers these plans and applications, and gives public service to the people who come to him for assistance in understanding them. He is well respected and liked in the water user community.



On January 2, 2001, veteran Water Commissioner Lyman Campbell retired after 28 years of service to the state. Lyman administered District 60, the San Miguel River, for that entire period. Because he grew up in that country, and herded sheep across most of it when he was young, he was intimately familiar with the San Miguel Basin. He also knew the people in the area, the history of water projects, and much of the mining history in Telluride as well. Knowledge like that is hard to replace, and he will be sorely missed. Fortunately, he had a period of three summers to train a deputy, Aaron Todd. Aaron is an outstanding individual, and looks forward to taking the reigns from Lyman.

This office has lovingly referred to Lyman Campbell, Crandall Howard and Jean Pierce as the "Big Three". They are nearly the same age, leaving the door open for much kidding when birthdays come. They have been such an important part of the Division 4 staff, and their retiring has been something this office has been looking at with much apprehension. Crandall is to retire on March 31, 2001 and Jean on September 30, 2001. Much thought and preparation has been dedicated to filling their positions, knowing they leave big shoes to fill.



The entire staff was extremely busy this year, and it has caused a strain on the FY00/01 operating budget. Increased fuel costs resulted in a \$0.03/mile increase for leased vehicles, further compounding the problem. For most of the vehicles, this is roughly a 30% increase. Next spring, it will be a challenge to allow personnel to do their job without imposing mileage restrictions.

Hydrography

Hydrographic records compiled in Division 4 were submitted to the Chief Hydrographer in Denver for publication in Streamflow Data for Colorado 1999 Water Year. Six records were published, three of which were used in the annual diversion records. These were the AB Lateral and South Canal in Water District 41 and the Redlands Power Canal in Water District 42.

Our Hydrography program proved particularly valuable during the dry summer of 2000. Jerry Thrush and Steve Tuck made numerous measurements to assist water commissioners in administering their streams. The lower San Miguel River in District 60, Razor and Cochetopa Creeks in District 28, Kannah Creek in District 42, and Kiser, Ward and Youngs Creeks in District 40 were some of the drainages where these measurements were especially important.

New construction this year included our assisting the United States Geological Survey (USGS) in reconstructing the Dallas Creek gage. The shelter and equipment were washed downstream on July 31, 1999 as a result of an extremely intense thunderstorm in the Dallas Divide area. As part of this project we offered technical assistance to Ouray County in the construction of a rock drop structure. Another construction project involved assisting the Bureau of Reclamation in the replacement of a mercury manometer on the Gunnison River gage below the Redlands Canal. A new Accubar was installed in an effort to obtain more reliable operation.

Cooperation with the USGS continued to improve. They now include our low-flow measurements in their record development. This has resulted in a more accurate record, taking into account their high-measurements for flood analysis, coupled with our measurements geared toward water administration. As a result, we are able to accept their record for use in developing our diversion records.

As a result of budget cuts, the USGS was forced to place several Colorado gaging stations on a list for potential closure. The Division 4 gages on this list were the Gunnison River below the East Portal and the Cimarron River. The East Portal gage listing generated widespread public outcry due to its location in the Black Canyon of the Gunnison National Park. The USGS was able to enter cooperative agreements with other Federal agencies in order to continue operation of these gages.

Dam Safety

Resident Dam Safety Engineer Jim Norfleet performed 74 annual safety inspections in 2000. This year, four reservoir restrictions were imposed due to dam safety concerns. One reservoir had the amount of its restriction increased. Water Commissioners conducted dam safety observations on 37 Class III and Class IV dams. They continue to provide the first line of defense to spot problems on dams and report to the Dam Safety Engineer.

The City of Grand Junction conducted outlet inspections on several of their Grand Mesa reservoirs with a video camera. This camera was developed to inspect their water and sewer systems. Since it is viewed while being taped, the operator can focus on the trouble areas and look at them more closely. Needless to say, this office was somewhat jealous of that equipment and hopes DWR can get one in the future.

There was a lot of construction this year, mostly due to a more conscientious maintenance approach by some water-user groups. However, due to delays in processing of permits by USFS, some were started too late in the season to be completed and will have to finish next summer. This is very frustrating and expensive for the owners, and steps are being taken to ensure this will not happen again.

Groundwater

Well permitting in Division 4 has been greatly enhanced by doing much of the process at a local level. In 2000 this office issued 91% of the permits applied for in Division 4. The benefits of this decentralization include rapid permit processing, typically within two days for exempt applications. Another benefit is familiarity with the local basins and groundwater issues.

LuAnn Beasley, the Division 4 well technician, has done a great job of processing, approving, and issuing well permits for exempt domestic, livestock, and household-use-only permits, late registrations and replacement permits. Non-exempt household and domestic well permits contained under an approved plan of augmentation are also issued from this office. Ground water issues have increased in their complexity as the area continues to grow. The Upper Gunnison drainage provided the most new permit activity by a significant margin. This is in large part due to the lack of large municipal water supplies and the continuing growth of the area.

An ongoing challenge is the rapid growth in water-critical areas such as the San Miguel River Basin from Telluride to Placerville. The lack of adequate augmentation sources has caused the development community to be particularly creative in their approach to securing long-term domestic groundwater supplies.

Records and Information

Annual diversion records and reservoir reports for Water Year 2000 were completed in a timely fashion. Assistant Division Engineer Frank Kugel continues to work with lead Water Commissioners to obtain a high level of quality in our published annual records. Our program is based upon a continual effort to; 1) identify appropriate diversion structures necessary for inclusion in the annual records, 2) establish an observation schedule for the individual structures, 3) implement proper diversion record coding that accurately reflects actual diversion amounts and use in accordance with the adjudicated water right, and 4) reclassify and adjust coding for those structures no longer active.

The quality of our water rights tabulation, diversion records, and structure information has been improved through the cooperative efforts of our staff and the Denver IT Branch. Doug Stenzel has been particularly helpful in developing error checking programs that we have used to identify areas for data improvement.

Special Projects

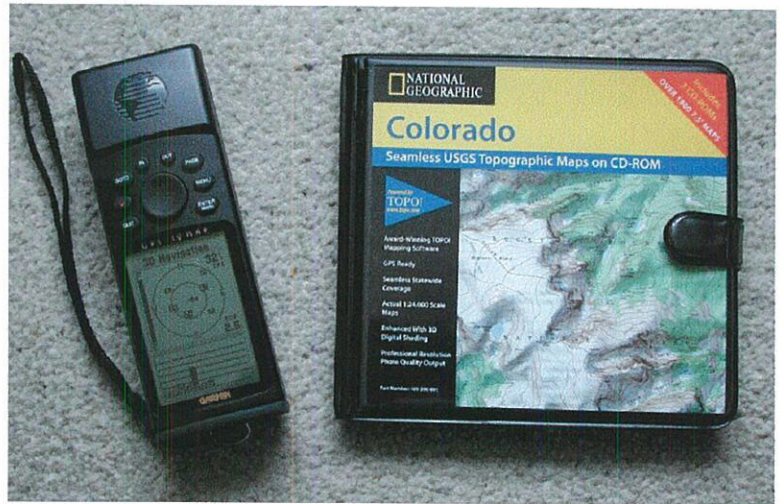
Division 4 strives to take advantage of new technology to improve the efficiency and accuracy of our work. One of the most effective acquisitions made this past year was the TOPO! software and additional Garmin GPS receivers. Our water commissioners and well technician adapted quickly to this package and made extensive use of the GPS accuracy and the digital mapping. Some of the benefits gained through this technology are:

- Accurate actual structure locations. Provides information for structure location and identification in cases where decrees are in error.
- Provides accurate locations even in un-surveyed areas where no section lines exist.
- TOPO Software automatically plots locations accurately upon download from the GPS receiver. The distance from section lines can then be measured directly from the map.
- Location of structure by GPS from coordinates or distances contained on water right application.
- TOPO Software was used extensively in drawing subdivision maps and plotting wells on lots using the UTM coordinates provided by the Garmin receivers
- Confirms location or identifies the need for correction on application.
- "Area Calculation" function of GPS units accurately determines size of irregularly shaped irrigated acres and ponds.

- TOPO Software produces quality maps for use with Water Court field inspection reports.

- Maps of individual landowner's properties with their water structures accurately located and identified are an appreciated public service.

- "Tracking log" function of the GPS units can be used to accurately map the entire length and path of an irrigation ditch, if required.



- The "actual" location of a particular portion of a stream can be mapped then downloaded into the TOPO Software and will highlight instances where streams have been re-routed, either by nature or intentionally by the land owner, since the last revision of the USGS topographical map. Significant changes could potentially require decreed location corrections.

Court Hearings and Consultations for Water Right Applications.

Exactly 250 court applications were filed in Division 4 this year, many of which were filings for springs and wastewater. A large percentage of the Division Engineer's and Assistant Division Engineer's time is occupied in attending hearings, writing consultation reports, discussing the case with applicants and/or their attorneys, and working the Attorney General's office. They continue to give this office excellent counsel in working with cases where legal assistance is needed. Only two Statements of Opposition were filed, thereby saving legal expenses. However, this means that Division 4 staff must address the issues in the consultation process for almost all of the cases.

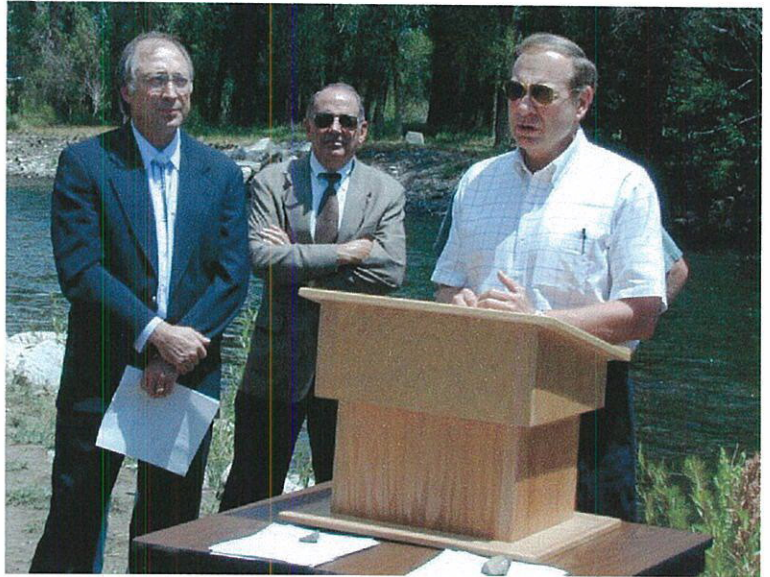
This year, the Division Engineer physically attended 68 hearings and status conferences, working through issues and building a good working relationship with Referee Aaron Clay and Judge Steven J. Patrick. He also attended 13 on-site hearings and 33 meetings arranged specifically to discuss issues of various cases.

SIGNIFICANT WATER ISSUES

Subordination Contract

On June 1, 2000, the United States Bureau of Reclamation made good on their promise to the water users of the Upper Gunnison Basin. They signed the Aspinall Subordination Agreement, which formalizes the subordination of 60,000 acre-feet of the federal government's water rights to the Upper Gunnison Basin. Fellow signatories to the agreement were the Colorado Water Conservation District, the Upper Gunnison River Water Conservancy District, and the Colorado State Engineer.

Junior water users may develop up to 60,000 acre-feet of water for use within the Upper Gunnison River Basin without being called out by the Aspinall Unit's water rights. The Aspinall Unit consists of three reservoirs on the Gunnison River: Blue Mesa Reservoir (939,204 af), Morrow Point Reservoir (119,052 af), and Crystal Reservoir (30,000 af). The United States also holds direct flow power rights for over 5000 cfs. The agreement means that water rights junior to the United State's 1960 adjudication date will not have to be shut down to satisfy the Aspinall Unit.



When the agreement was signed on June 1 of this year, a long-standing commitment by the United States was put in writing. Since construction of the reservoirs in the 1960's, the Aspinall Unit has been operated in a manner that has protected the upper basin and allowed for in-basin water development. However, in the 1980's, a filing in water court for a project that would involve the diversion of Gunnison basin water to the Front Range spurred efforts to formalize the United States' oral assurances. Proponents of the Union Park project argued that the subordination was available for out-of-basin use as well. The final Subordination Agreement assures that only in-basin uses are able to benefit from the subordination.

Now that the Subordination Contract is signed, this office has been working with the USBR, CRWCD and UGRWCD to fulfill the reporting obligations required in the contract. Since much of the information comes from the diversion records (the water rights data base and the Gunnison River accounting spreadsheet) it is critical to work together in this project.

2000 Water Rights Abandonment

The Water Year 2000 brought with it the decennial abandonment proceedings. Division 4 sent out 83 certified letters placing 155 structures on the abandonment list. Thus far, 18 protests to the abandonment list have been received. Since the original mailing, subsequent letters were sent to five water rights owners removing eleven structures from the abandonment list.

Applications for Water Rights Changes by Upper Gunnison River Water Conservancy District

Since the filing in December of 1998, there has been no formal action by the District Board. There were several meetings in the spring of 2000 with the UGRWCD's counsel and manager, AG representatives, Assistant State Engineer and the Division Engineer in an attempt to resolve issues. However, there was no agreement amongst the parties. The District Board may be contemplating an amendment of their application. They have been negotiating with the USBR to purchase storage

space in Blue Mesa Reservoir and transfer some of their storage rights to the reservoir. It is anticipated they will decide early in 2001.

Subordination Contract and Basin-Wide Consumptive Use Analysis

The Subordination Contract has a formal reporting requirement to be completed annually by the UGRWCD. Towards that end, several meetings were conducted with USBR officials, the UGRWCD manager and their consultant, and this office to work together in the process. Much of the information comes from diversion records, water rights database, and irrigated acreage data, including the 2000 updates. The recently developed STATE CU Program is used for this task. In addition to the ditch diversions, a small amount of the Gunnison Basin consumptive use is from springs and seeps used for domestic and irrigation, and small ponds that are not considered in the STATE CU program. A manual process is needed for these structures, and this office will be assisting the process.

INVOLVEMENT WITH THE COMMUNITY

It continues to be a vital concern of this office to build respectful and trusting relationships with members of the community. Towards that end, a concentrated effort is made to attend various meetings and events. This year the Division Engineer and Assistant Division Engineer attended meetings of the UGRWCD, CRWCD, Tri-County board of Directors, CWCB, UVWUA, SWWCD in Durango, USFS, USBR, Aspinall Operations, and Taylor Park Operations. These are agencies with which a close working relationship is critical.

Water Commissioners continue to provide an important public service in helping people with inner-ditch disputes. Neighbor fights are common, and by agreeing to meet with people on a limited basis, they often can help prevent expensive litigation. The Water Commissioners are recognized as the local water experts, and can provide valuable information to people who are not familiar with Colorado Water Law.

The Division Engineer taught two water-law classes this year, one to a group of Colorado Forest Service personnel and another to a collection of United States Forest Service employees. Each was well received and helped them to acquire a better understanding of Colorado Water Law.

The Assistant Division Engineer and Division Engineer also made presentations at Board of Directors meetings for the Uncompahgre Valley Water Users Association and Tri-County Water Conservancy Districts. These board members were interested in the accounting this office does for the Gunnison River and Uncompahgre river systems. These types of community efforts are vitally important in fostering good working relationships with area water users.

COMING YEAR – KEY OBJECTIVES

Installation of Headgates and Flumes

The project to install headgates and measuring flumes on all ditches in Districts 28, 59, and 62 is nearly completed. Only a portion of District 28 remains. Most of the orders have been complied with, and very few ditches have been curtailed as a result. Ditch owners seem to understand the

need for accurate measuring and recording of the flows, since it serves to document their usage of the water rights and protect them from abandonment claims. Water Commissioners Bonnie Irby, Richard Rozman, and Carl Hurst are again to be commended for the tact and diplomacy they showed in fostering cooperation for this endeavor.

The tight administration in District 68 and 41 this year revealed the need for better headgates and measuring flumes. Letters ordering the installation of headgates and flumes were sent to owners in the fall of 2000 and spring of 2001. This will assure the Water Commissioners can accurately administer future calls from the UVWUA.

Selenium Task Force

The Division Engineer and Assistant Division Engineer continued their involvement with the Selenium Task Force (TF) in 2000. The task force is a proactive group of Federal, State, County and Local Agencies as well as local water users that want to find a solution to the selenium problem before it is mandated by the Federal Government. This year, the group continued to study the potential sources of selenium and study the historic effects of irrigation in the valley. The local Soil Conservancy District conducted extensive soil analyses. The results seem to indicate that most of the top layer of irrigated properties has had the selenium leached out and has a relatively low concentration. The TF is still looking at various crops that will uptake selenium and still have market viability.

Perhaps the most important accomplishment was the success in convincing the Colorado Water Quality Commission to delay their designation of new selenium standards for another three years to give the TF more time to find solutions in reducing the level of selenium in the Uncompahgre River Valley.

U.S. Forest Service Forest Management Plan

In September 1999, the US Forest Service (USFS) started the revision process for the land resource management plan for the Grand Mesa, Uncompahgre, and Gunnison National Forests (GMUG). The process will be similar to the one conducted for the White River National Forest. However, that plan ran into problems when it imposed mandatory bypass flows on all diversion structures. Federal Congressmen and Senators quickly rose up in support of the water users, further complicating the process. Many believed that the USFS did not properly consider the requests of water right owners on the USFS property.

To avoid the perception that the community wasn't sufficiently involved, and to avoid the "train wreck" that occurred in the White River planning process, the GMUG officials decided to try a different approach. They formed a steering committee to collaboratively address the water issues in a manner that would represent all interests. The Division Engineer was invited to be a member of that committee. The initial meeting was held in Delta on May 19, 2000.

Monthly meetings were held since then, and many issues have been discussed. The group has hired the facilitators Lisa Carlson of the University of Colorado at Denver and Maro Zagoras of a private firm in Silt, Colorado. Many issues have been discussed, including how the group will function, what will the public process will be, and will the USFS officials follow the group's

recommendations. This will likely be a four-year process, and a major time commitment, but it is a unique opportunity to help guide the process. This office is dedicated to assisting water users exercise their vested rights on USFS property.

SWAT 4 Team

Area agencies dealing with water administration issues formed a group called the Division 4 SWAT Team. This group was modeled after a similar group in Division 5. Dave Kanzer of the Colorado River District was instrumental in organizing the SWAT 4 Team. The first meeting was held on May 4, 2000 to deal with the major water issues in the Gunnison Basin. Members of the team included the Uncompahgre Valley Water Users Association, the Upper Gunnison Water Conservancy District, the City of Grand Junction, the U.S. Bureau of Reclamation, Redlands Power Authority, and the National Park Service. Among the topics discussed during SWAT 4 meetings are river operations, reservoir accounting, modeling issues, endangered species, and Federal reserved water rights claims. The group meets five or six times a year and is a valuable forum for exchanging knowledge and developing relationships with other water agencies.

PBO Process

A major concern of Gunnison Basin water users is the impact of the Endangered Species Act. The Upper Colorado River Endangered Fish Recovery Program was established on January 21, 1988. The objectives of this program are to recover four endangered fish species in the Upper Colorado River Basin while water development proceeds in compliance with state law, interstate compacts, Supreme Court decrees allocating water among the states, and the Endangered Species Act. The Recovery Program provides mitigation for impacts of water projects on the endangered fish species.

The U.S. Fish and Wildlife Service has issued biological opinions under the ESA and found more than 600 water projects to be in compliance with the Act as a result of actions taken by the Recovery Program. One of those biological opinions was issued in December, 1999 that covered all depletions on the Colorado River above the Gunnison River confluence. This single Programmatic Biological Opinion (PBO) covered more than one million acre-feet of existing depletions, and 120,000 acre-feet of new depletions.

Based upon the success of the main stem Colorado PBO, it was decided to pursue a PBO for the Gunnison Basin. Tom Pitts of Water Consult was the consultant selected to head the PBO effort. Under a PBO, water users would still get individual biological opinions, but the process would be simplified because all existing depletions and some allowance for future depletions on Federal projects would have been consulted on as part of the Section 7 review. A first step in the PBO process is to perform a demand study to define future water needs so that those needs can be incorporated into the PBO. Water users and local agencies agree that pursuing a PBO is a good preemptive move that allows them more input into a final decision governing future water development in the Gunnison Basin.

INFLUENTIAL CASE LAW, STATUTES, AND PROJECTS

Application for Water Rights of the Board of County Commissioners of the County of Arapahoe, in Gunnison County.

In 1998, the Board of County Commissioners of the County of Arapahoe filed an appeal to the Supreme Court of Judge Brown's April 6, 1997 decision. In September 1999, the State Engineer's counsel in the Attorney General's Office, Steve Sims, continued this process by filing an Objectors Brief to the Supreme Court. He was one of seven who filed a brief on behalf of the objectors to the appeal. In February of 2000, Steve presented oral arguments to the Supreme Court of Colorado. Finally, on November 20, 2000, the Supreme Court released their decision. The Supreme Court affirmed Judge Brown on all contested points.

The Supreme Court upheld the decision in regard to the "can and will doctrine". This doctrine requires a conditional water right applicant to show a "substantial probability that within a reasonable time the facilities necessary to effect the appropriation can and will be completed with diligence, and that as a result waters will be applied to a beneficial use". An average annual yield of 15,700 acre-feet was available for appropriation. They also confirmed the judge's decision concerning the congressional intent of the authorizing Colorado River Storage Projects Act (CRSPA) language.

Of special note was the affirmation of Judge Brown's decision that recognized the 60,000 acre-foot subordination agreement for upstream depletions applies only to in-basin uses. The decision also confirmed that the USBR retains a 240,000 acre-foot Marketable Pool that is available for beneficial use by other water users, including both in-basin and transbasin appropriators, but contracts are necessary for future uses.

This was a major victory for the water users in the Gunnison Basin, who have been opposing the Arapahoe County proposal for nearly 20 years. Although this threat is gone, the threat of another trans-mountain effort always seems to loom in the distance.

Determination by Judge Patrick on Application by Mount Emmons Mining Company

In case 96CW311, the Mount Emmons Mining Company filed for numerous reservoirs, ponds, and intake structures on the Slate River and Carbon Creek for mining and milling purposes. Judge Steven J. Patrick issued his ruling on September 1, 1999. In Late 1999, the Mt. Emmons Mining Company appealed the case to the Supreme Court. There was limited action in 2000, except for the applicant preparing for the Supreme Court arguments. The only involvement this office had was to instruct the Attorney General's office to prepare a brief for the Supreme Court.

The issue presented for review is whether the water court erred in determining that Mt. Emmons Mining Company needed to have a subordination contract with the U.S. Bureau of Reclamation to demonstrate that unappropriated water was available to complete its appropriation. In the brief, it was argued that the court erred in their determination of the river conditions at the time of the filing, and the U.S. Bureau of Reclamation's 60,000 acre-foot subordination was in effect at the time of filing. The brief was prepared by Assistant Attorney General Linda Bassi and signed on March 6, 2001.

Quantification of U.S. Park Service Water Rights in Black Canyon National Monument.

The year 2000 was a transitional year for this issue, since no formal action was undertaken. But behind the scenes, numerous things were happening. Since the first presentation of the Park Service proposal in December 1998, the 'Federal Family' has been meeting in an effort to reconcile their differences and operate the Gunnison River system to fit all of their needs. The parties present are the US Bureau of Reclamation, US Park Service (representing both the Black Canyon National Monument and the Curecanti Recreational Unit), Western Area Power Authority (WAPA), US Fish & Wildlife Service, and Bureau of Land Management. In the last two years, there does not seem to be any progress towards agreement.

In the initial 1998 proposal, the US Park Service opted to make their Federal Reserve Water Right of 1933 co-equal with the Aspinall rights (1960) and be included within the 60,000 acre-feet subordination agreement. Since then, they have been pressured by environmental groups to insist on the 1933 date. In an apparent political move, the Park Service hurried to file the quantification application before the Clinton Administration left office. Consequently, on January 18, 2001, the Department of Justice filed case 2001CW05 in the Division 4 Water Court. The approach they described was to file the case, wait for the period of opposition to expire, then petition the court for a "stay in litigation" to begin the negotiation process. The explanation for this process was based on experiences in other area where they spent years negotiating a settlement, filed the application only to find a new player had entered the negotiations. They then had to start the process again. By filing the application first, they could bring all possible objectors to the table and negotiate. The new filing wants all unappropriated water as of March 2, 1933. The base and peak flows would be based on stream flow forecasts on May 1 of each year.

GREATER EFFICIENCY IN DIVISION 4

It is a constant challenge to utilize time and resources efficiently. The basic task of traveling up and down the creek to turn headgates and read flumes hasn't changed in the last 50 years. There is no technological substitute for measuring rivers/streams, putting footprints on dams, meeting with people, and building relationships with water users. However, new technology has helped us to locate structures, process data, and provide information better than ever before. The key is finding the technology that will help us in our daily duties, apply it to our individual circumstances, get the appropriate training, and convince our people that it will help them do their job better. Change is sometimes hard to accept, but it seems to be constant.

This year, the Division 4 staff was introduced to GPS units and TOPO software. They were eager to try this new technology, and the results have been phenomenal. They are using them to produce maps with the points plotted, sending them in with their water court field inspections, using them to correct actual locations of diversions, measuring areas of irrigated acreage, and plotting subdivision boundaries. The application of this will get better in the future as staff perfects their use. Assistant Division Engineer Frank Kugel is to be highly commended for his work in training and encouraging the staff in this process. Also, he did extensive testing of mapping software before selecting TOPO and provided information to the other divisions for their selection.

The GIS software will continue to be important in improving efficiency in the future. Once an 'actual location' database is built for most of the structures in Division 4, an entire set of quad maps

will be printed that identifies all structures. This software is also necessary for refinement of irrigated acreage. Personnel will need occasional training to be fully proficient with this software, and more than one expert is needed in the office. The staff will also need bigger and faster computers to keep up with the volume of data and software upgrades. This challenges the fiscal resources of the IT section to keep the upgrade process as a top priority.

Lastly, time management is a top priority. With more and more being expected without additional resources, managing time efficiently and effectively is of utmost importance. Training and reminders are needed to stay focused. E-mail has helped us to communicate more efficiently, but it has also created a time burden in reading all the information.

Our goal is still to provide the staff with the tools and provide training so they can apply the equipment and technology to do their job as thoroughly and efficiently as possible.

A. TRANSMOUNTAIN DIVERSION SUMMARY--INFLOWS

RECIPIENT					SOURCE					
					10-YR AVERAGE	CURRENT YR				
WD	ID	NAME	STREAM	AF	DAYS	AF	DAYS	WD	ID	STREAM
68	N/A	Carbon Lake D	Uncompahgre	370	* 90	83	42	30	4665	Animas R.
68	N/A	Mineral Pt D	Uncompahgre	180	* 60	95	56	30	4661	Animas R.
68	N/A	Red Mountain	Uncompahgre	71	* 54	0	0	30	4662	Animas R.
40	N/A	Leon Lk Tunl	Surface Cr	1391	65	1560	102	72	4520	Leon Cr.

B. TRANSMOUNTAIN DIVERSION SUMMARY--OUTFLOWS

11	N/A	Larkspur D	Arkansas R	119	78	7	9	28	4655	Tomichi C
26	N/A	Tarbell D	Saguache Cr	501	64	630	88	28	4656	Cochetopa
20	N/A	Tabor D	Clear Cr	925	151	495	170	62	774	Cebolla C
45	577	Divide C Highline	Divide Cr	1069	*45	751	26	40	4657	Cl Fk Mud
72	N/A	City Pipeline	Colorado R	2128	*354	1587	366	42	4710	Kannah Cr
72	N/A	Hollenbeck R	Colorado R	4803	*351	5086	366	42	3618	Kannah Cr
72	N/A	Redlands Can	Colorado R	539775	**353	557534	361	42	4713	Gunnison
72	N/A	Fruita Pl	Colorado R	****	****	****	****	73	4712	East Cr

*8 year average, ** 9 year average, ****Water taken, no data available

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

AMOUNT OF STORAGE								
				MINIMUM		MAXIMUM		
WD	ID	RESERVOIR	SOURCE STREAM	AF	DATE	AF	DATE	END YR
28	3590	Hot Sprgs R	Hot Springs Cr	40.25	9/1/00	603.00	5/1/00	189.68
28	3591	McDonough #1	Los Pinos Cr	249.80	9/1/00	805/20	5/1/00	296.60
28	3592	McDonough #2	Los Pinos Cr	57.90	10/31/00	430.01	11/1/99	57.90
28	3593	Needle Creek	Needle Cr	382.30	8/1/00	724.30	5/1/00	444/14
28	3594	Upper Dome R	Cochetopa Cr	564.82	8/1/00	880.20	5/1/00	662/94
28	3595	Vouga Res	Razor Cr	495.00	8/1/00	910.00	5/1/00	729.00
40	3412	Ault Res	Muddy Cr	0	8/1/00	75.00	11/1/99	0
40	3414	East Beckwith	Anthracite	0	8/4/00	368.00	11/1/99	0
40	3413	Bruce Park Res	Hubbard Cr	0	11/1/99	556.00	6/2/00	44.00
40	3399	Overland Res 1	Muddy Cr	360.00	8/9/00	6000.00	6/3/00	360.00
40	3416	Paonia Res	Muddy Cr	3710.00	8/1/00	17460.00	5/22/00	3710.00
40	3417	Spatafora Res	Muddy Cr	0	11/1/99	35.00	5/24/00	0
40	3418	Tomahawk Res	Muddy Cr	0	7/26/00	87.30	11/1/99	0
40	3419	Williams Cr R	Muddy Cr	75.00	9/12/00	100.00	5/25/00	75.00
40	3391	Bald Mt Res	Crystal Cr	0	11/1/99	120.00	7/7/00	0
40	3394	Don Meek 1	Crystal Cr	0	11/1/99	45.00	6/29/00	20.00
40	3395	Fruitland Res	Crystal Cr	0	7/15/00	6233.00	5/4/00	0
40	3392	Bottle Stomp R	Iron Cr	0	11/1/99	17.00	7/19/00	0
40	3553	Crawford Res	Iron Cr	2217.00	10/10/00	12185.00	5/30/00	2217.00
40	3397	Meek Res	Iron Cr	0	11/1/99	29.30	6/29/00	0
40	3401	Rockwell 1 R	Iron Cr	30.00	10/22/00	119.00	6/29/00	30.00
40	3403	Tyler Res	Iron Cr	40.00	10/23/00	169.00	7/3/00	40.00
40	3400	Poison Spr Res	Gunnison R	50.00	10/30/00	120.00	6/1/00	50.00
40	3402	Todd Res	McDonald Cr	7.500	11/1/99	20.00	7/13/00	7.50

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

AMOUNT OF STORAGE								
MINIMUM								
MAXIMUM								
WD	ID	RESERVOIR	SOURCE STREAM	AF	DATE	AF	DATE	END YR
40	3437	Bailey Res	Leroux Cr	25.00	11/1/99	423.00	5/31/00	145.00
40	3421	Brockman 1 R	Leroux Cr	0	11/1/99	16.00	5/31/00	0
40	3422	Brockman 2 R	Leroux Cr	0	11/1/99	41.10	5/31/00	0
40	3423	Carl Smith R	Leroux Cr	0	11/1/99	920.30	6/1/00	191.00
40	3424	Dog Fish Res	Leroux Cr	0	11/1/99	243.00	5/31/00	0
40	3425	Dowdy Res	Leroux Cr	73.00	11/1/99	264.00	5/31/00	140.00
40	3426	Ella Res	Leroux Cr	0	11/1/99	87.00	5/31/00	0
40	3427	Elk Wallows R	Leroux Cr	0	8/31/00	218.00	5/31/00	0
40	3428	Ellington Cook	Leroux Cr	0	11/1/99	24.50	5/31/00	0
40	3429	Fairmont Park	Leroux Cr	0	8/31/00	30.00	4/30/00	0
40	3430	Farimont Res	Leroux Cr	0	11/1/99	78.00	5/31/00	0
40	3431	Fisher Res	Leroux Cr	0	11/1/99	10.00	5/31/00	0
40	3432	Goodenough R	Leroux Cr	0	8/31/00	491.00	6/10/00	0
40	3433	Gray Res	Leroux Cr	0	10/10/00	424.00	5/31/00	0
40	3435	Hanson Res	Leroux Cr	0	11/1/99	225.00	5/31/00	0
40	3437	Hunt Res	Leroux Cr	10.00	11/1/99	124.00	6/1/00	10.00
40	3438	Lucky Find Res	Leroux Cr	0	11/1/99	66.00	5/31/00	0
40	3439	Miller Res	Leroux Cr	0	11/1/99	20.40	5/20/00	0
40	3440	Owens Res	Leroux Cr	0	11/1/99	92.00	5/31/00	0
40	3441	Patterson Res	Leroux Cr	0	11/1/99	78.00	4/15/00	0
40	3442	Patterson 2 R	Leroux Cr	60.00	8/15/00	151.00	11/1/00	151.00
40	3443	Pine Cone Res	Leroux Cr	0	11/1/99	37.00	5/20/00	0
40	3444	Reynolds Res	Leroux Cr	29.60	9/15/00	176.00	5/31/00	111.00
40	3446	Skim Milk	Leroux Cr	0	11/1/99	90.00	5/1/00	0
40	3447	Wash Tub Res	Leroux Cr	0	11/1/99	33.00	5/1/00	0

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

AMOUNT OF STORAGE								
				MINIMUM		MAXIMUM		
WD	ID	RESERVOIR	SOURCE STREAM	AF	DATE	AF	DATE	END YR
40	3448	Water Bug R	Leroux Cr	0	11/1/99	40.00	4/20/00	0
40	3449	Willow Res	Leroux Cr	40.00	7/31/00	128.00	5/20/00	65.00
40	3406	Beaver Res	Minnesota Cr	28.00	11/1/99	1527.00	5/3/00	29.00
40	3407	Lone Cabin R	Minnesota Cr	0	11/1/99	150.00	5/19/00	30.00
40	3408	Monument Res	Minnesota Cr	0	11/1/99	423.00	6/1/00	23.00
40	3410	Roeber 2 Res	Minnesota Cr	0	11/1/99	44.00	5/1/00	0
40	3411	West Res	Jay Cr	00	11/1/99	292.00	7/1/00	0
40	3714	Lucas Cline R	North Fork R	0	11/1/99	9.50	5/1/00	0
40	3409	Reynolds Res	Reynolds Cr	10.00	11/1/99	90.00	7/1/00	20.00
40	3436	Holy Terror R	Terror Cr	0	11/1/99	146.00	5/31/00	0
40	3445	Rex Res	Terror Cr	0	11/1/99	20.00	5/31/00	0
40	3300	Alexander Lake	Ward Creek	153.86	8/1/00	157.00	11/1/99	153.86
40	3302	Barren Lake	Kiser Cr	344.36	11/1/99	800.00	5/1/00	667.19
40	3450	Basin #1	Dirty George Cr	0	11/1/99	112.66	6/1/00	0
40	3451	Basin #2	Dirty George Cr	0	11/1/99	25.84	6/1/00	0
40	3452	Battlement 1	Dirty George Cr	47.24	5/1/00	87.40	6/1/00	76.46
40	3453	Battlement 2	Dirty George Cr	0	11/1/99	0	11/1/99	0
40	3341	Bonita	Surface Cr	40.02	10/1/00	285.77	5/1/00	40.02
40	3304	Bull Finch 1	Kiser Cr	0	11/1/99	68.17	6/14/00	0
40	3305	Bull Finch 2	Kiser Cr	0	11/1/99	18.18	6/1/00	0
40	3303	Boulder Lake 1	Ward Cr	0	11/1/99	0	11/1/99	0
40	3342	Cabin Lake	Surface Cr	0	11/1/99	27.05	6/1/00	0
40	3378	Calumet	Surface Cr	0	11/1/99	16.84	5/4/00	0
40	3366	Carbonate Cm 3	Surface Cr	0	11/1/99	7.09	5/22/00	0
40	3306	Carbonate Cm 6	Youngs Cr	0	9/1/00	112.71	6/1/00	0

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT OF STORAGE				
				MINIMUM		MAXIMUM		END YR
				AF	DATE	AF	DATE	
40	3307	Carbonate Cm 7	Youngs Cr	0	11/1/99	85.59	6/1/00	71.08
40	3343	Cedar Mesa	Surface Cr	0	10/1/00	564.35	5/23/00	0
40	3379	Cole 1	Surface Cr	0	11/1/99	18.02	5/24/00	0
40	3380	Cole 2	Surface Cr	0	11/1/99	27.90	5/17/00	0
40	3381	Cole 3 (Chy Ln)	Surface Cr	0	11/1/99	35.25	6/1/00	0
40	3344	Cole 4	Surface Cr	0	11/1/99	16.00	5/22/00	0
40	3345	Cole 5	Surface Cr	0	7/1/00	116.23	5/22/00	0
40	3308	Daniels Sl	Kiser Cr	0	9/1/00	228.00	6/1/00	0
40	3309	Deep Slough	Ward Cr	0	9/1/00	498.40	5/1/00	0
40	3310	Deep Ward	Ward Cr	714.62	10/31/00	1700.00	5/1/00	714.62
40	3346	Deserted Park	Surface Cr	0	11/1/99	32.25	5/23/00	0
40	3311	Donnelly Sl	Kiser Cr	0	11/1/99	112.21	6/1/00	0
40	3382	Doughty 1	Surface Cr	0	11/1/99	33.12	5/24/00	0
40	3383	Doughty 2	Surface Cr	0	11/1/99	14.84	6/01/11	0
40	3347	Dreyfus	Surface Cr	0	11/1/99	42.50	5/23/00	0
40	3312	Eggleston Lake	Kiser Cr	920.54	10/31/00	2705.00	5/1/00	920.54
40	3348	Elk Park	Surface Cr	0	8/1/00	96.83	11/1/99	0
40	3549	Eureka 1	Youngs Cr	0	11/1/99	27.10	6/1/00	0
40	3349	Eureka 2	Youngs Cr	0	11/1/99	53.47	6/1/00	0
40	3350	Trout Lake	Surface Cr	0	11/1/99	76.93	5/1/00	0
40	3313	Forrest	Ward Cr	0	11/1/99	57.47	6/1/00	0
40	3314	Goodenough	Kiser Cr	20.51	9/1/00	150.42	11/1/99	20.51
40	3455	Granby 6	Dirty George Cr	44.43	8/1/00	45.98	11/1/99	44.43
40	3456	Granby 7	Dirty George Cr	41.27	11/1/99	76.08	5/1/00	51.30
40	3457	Granby 8	Dirty George Cr	0	11/1/99	0	11/1/99	0

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

AMOUNT OF STORAGE								
				MINIMUM		MAXIMUM		
WD	ID	RESERVOIR	SOURCE STREAM	AF	DATE	AF	DATE	END YR
40	3458	Granby 9	Dirty George Cr	63.31	8/1/00	71.97	11/1/99	63.31
40	3454	Granby 5-11	Dirty George Cr	70.30	3/101/00	767.80	6/1/00	70.30
40	3459	Granby 12	Dirty George Cr	305.59	10/31/00	523.02	6/1/00	305.59
40	3351	Greenwood	Surface Cr	0	11/1/99	49.47	5/23/00	0
40	3384	Hale	Surface Cr	0	11/1/99	24.19	6/1/00	0
40	3315	Hotel Twin L	Ward Creek	38.50	9/1/00	548.70	7/1/00	38.50
40	3316	Howard	Kiser Cr	0	8/1/00	72.10	11/1/99	0
40	3317	Island Lake	Ward Cr	104.44	10/1/00	1426.36	6/1/00	104.44
40	3352	Kehmeier	Surface Cr	3.29	10/1/00	316.93	5/1/00	3.29
40	3319	Kiser Slough	Surface Cr	2.48	11/1/99	512.00	5/23/00	73.26
40	3318	Kennicott Sl	Kiser Cr	0	11/1/99	585.40	6/1/00	0
40	3353	Knox	Surface Cr	5.70	10/31/00	219.46	5/28/00	5.70
40	4520	Leon Lake	Leon Cr	122.77	10/31/00	1471.23	7/1/00	122.77
40	3385	Leon Park	Surface Cr	76.24	11/1/99	76.24	5/24/00	0
40	3320	Lilly Pad	Youngs Cr	18.94	11/1/99	18.94	7/1/00	0
40	3386	Little Giant 1	Surface Cr	0	11/1/99	0	11/1/99	0
40	3387	Little Giant 2	Surface Cr	12.00	11/1/99	12.00	6/1/00	0
40	3322	Little Grouse	Youngs Cr	52.50	10/1/00	52.50	11/1/99	0
40	3321	Little Gem	Ward Cr	219.00	10/1/00	219.00	5/1/00	64.80
40	3388	Marcott	Surface Cr	431.23	8/1/00	431.23	5/8/00	0
40	3323	McKoon	Youngs Cr	147.86	8/1/00	147.86	11/1/99	0
40	3354	Military	Surface Cr	236.60	10/1/00	236.60	6/1/00	0
40	3355	Park	Youngs Cr	3383.40	10/31/00	3383.40	6/1/00	1047.14
40	3324	PC & G 1	Surface Cr	15.62	11/1/99	15.62	6/15/00	0
40	3325	Pedro	Surface Cr	194.98	10/31/00	1994.98	6/1/00	24.89

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

AMOUNT OF STORAGE								
				MINIMUM		MAXIMUM		
WD	ID	RESERVOIR	SOURCE STREAM	AF	DATE	AF	DATE	END YR
40	3326	Pine	Youngs Cr	0	11/1/99	13.40	6/1/00	0
40	3327	Prebble	Youngs Cr	23.47	10/31/00	193.05	5/1/00	23.47
40	3328	Rim Rock Lake	Ward Cr	43.62	9/1/00	107.90	11/1/99	43.62
40	3329	Rockland	Ward Cr	0	11/1/99	0	11/1/99	0
40	3356	Round Lake	Surface Cr	0	11/1/99	8.00	6/1/00	0
40	3330	Ryan	Youngs Cr	0	11/1/99	40.27	5/1/00	0
40	3357	Sackett	Surface Cr	47.64	9/1/00	108.00	5/1/00	47.64
40	3331	Safety 1 & 2	Cottonwood Cr	0	11/1/99	15.00	6/1/00	0
40	3332	Scotland Peak	Ward Cr	0	11/1/99	61.04	6/1/00	0
40	3333	Sheep Lake	Ward Cr	0	11/1/99	154.00	5/1/00	0
40	3358	Stell	Surface Cr	27.20	7/1/00	65.00	11/1/99	27.20
40	3389	Trickle	Surface Cr	0	11/1/99	37.51	6/1/00	0
40	3359	Trio	Surface Cr	47.88	8/1/00	164.30	6/1/00	47.88
40	3360	Twin Lake 1	Surface Cr	0	7/1/00	49.75	6/6/00	0
40	3361	Twin Lake 2	Surface Cr	0	10/1/00	120.75	6/6/00	0
40	3334	Upper Hotel L	Ward Cr	82.44	11/1/99	105.96	6/1/00	93.41
40	3362	Vela	Surface Cr	35.00	10/1/00	436.62	5/1/00	35.00
40	3335	Ward Cr	Ward Cr	0	10/31/00	284.42	5/1/00	0
40	3363	Weir/Johnson 2	Surface Cr	189.58	10/1/00	589.34	6/18/00	189.58
40	3364	Weir Park	Surface Cr	0	11/1/99	40.73	6/1/00	0
40	3336	Womack 1	Ward Cr	0	9/1/00	202.40	5/1/00	0
40	3337	Womack 2&3	Cottonwood Cr	0	8/1/00	101.51	11/1/99	0
40	3340	Womack 5	Cottonwood Cr	0	11/1/99	8.55	6/1/00	0
40	3338	Young Cr 1&2	Youngs Cr	25.92	10/31/00	486.55	5/25/00	25.92
40	3339	Youngs Cr	Youngs Cr	68.15	10/31/00	200.62	6/1/00	68.15

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

AMOUNT OF STORAGE								
WD	ID	RESERVOIR	SOURCE STREAM	MINIMUM		MAXIMUM		END YR
				AF	DATE	AF	DATE	
40	3390	Y & S	Surface Cr	50.78	10/1/00	189.06	6/4/00	50.78
40	3365	Fruitgrowers	Alfalfa Run	480.35	10/31/00	4451.62	3/23/00	480.35
40	3368	Beaver Dam	Escalante Cr	0	10/10/00	3323.10	7/20/00	0
40	3370	Clark Res	Oak Cr	2.37	9/26/00	50.75	5/22/00	2.37
40	3373	Dugger Res	Oak Cr	111.65	9/26/00	212.00	11/1/99	111.65
40	3374	Morris 2	Oack Cr	10.08	9/26/00	16.33	11/1/99	10.08
40	3375	Pitcarin Res	Doughspoon Cr	29.00	8/1/00	75.95	5/22/00	29.00
40	3376	Porter 1	Oak Cr	28.26	9/26/00	214.77	5/22/00	28.26
40	3377	Porter 4	Oak Cr	30.00	9/26/00	38.00	11/1/99	30.00
40	3301	Arch Slough Res	Ward Cr	26.70	11/1/99	61.84	6/1/00	55.60
42	3600	Anderson R1	Kannah Cr	70	11/1/99	507.00	6/1/00	222.00
42	3601	Anderson R2	Kannah Cr	52	10/31/00	639.00	6/1/00	52.00
42	3602	Bolen AJ R2	Kannah Cr	0	11/1/99	180.00	6/6/00	0
42	3603	Bolen Res	Kannah Cr	0	10/31/00	389.00	6/1/00	0
42	3604	Carson Lake	Kannah Cr	637.00	11/1/99	637.00	6/1/00	637.00
42	3606	Deep Cr R 2	Kannah Cr	0	11/1/99	301.00	6/1/00	0
42	3607	Dry Cr R Sup	Kannah Cr	0	11/1/99	214.00	6/1/00	0
42	3608	Flowing Pk R	Kannah Cr	0	9/1/00	805.00	6/1/00	0
42	3609	Fruita Res 1	East Cr	9.80	11/1/99	31.0	5/31/00	23.40
42	3610	Fruita Res 2	East Cr	25.00	11/1/99	126.00	5/31/00	25.70
42	3614	Grand Mesa R1	Kannah Cr	0	10/31/00	395.00	6/1/00	0
42	3615	Grand Mesa R6	Kannah Cr	0	11/1/99	172.00	6/1/00	0
42	3616	Grand Mesa R8	Kannah Cr	0	10/1/00	365.00	7/3/00	0
42	3617	Grand Mesa R9	Kannah Cr	0	10/1/00	153.00	6/1/00	0

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

AMOUNT OF STORAGE								
				MINIMUM		MAXIMUM		
WD	ID	RESERVOIR	SOURCE STREAM	AF	DATE	AF	DATE	END YR
42	3618	Hallenbeck R 1	Kannah Cr	427.00	8/1/00	672.00	11/1/99	431.00
42	3619	Hallenbeck R2	Kannah Cr	0	10/31/00	449.00	6/1/00	0
42	3620	Juniata Res	Kannah Cr	4641.00	9/30/00	6782.00	5/31/00	4678.00
42	3623	Scales Res 1	Kannah Cr	0	11/1/99	149.00	6/6/00	0
42	3624	Scales Res 3	Kannah Cr	0	11/1/99	105.00	6/6/00	0
42	3625	Somerville \$ 1	Whitewater Cr	0	11/1/99	716.00	6/1/00	0
42	3630	Anderson R 6	Kannah Cr	0	11/1/99	46.00	6/1/00	0
59	3666	Taylor Pk Res	Taylor River	64,834.00	10/13/00	99,926.00	6/10/00	65,287.00
60	3507	Gurley R	Beaver CR	596.00	10/31/00	9302.00	5/1/00	596.00
60	3511	Lone Cone R	Bennet Cr	365.00	10/31/00	1600.00	5/1/00	365.00
60	3510	Lilylands	Naturita Cr	70.00	6/20/00	458.00	5/10/00	122.00
60	3512	Miramonte	W Naturita Cr	6851.00	5/1/00	6250.00	10/31/00	6250.00
60	3510	Paxton Res	Horsefly Cr	423.00	10/31/00	898.00	6/1/00	423.00
60	3509	Lake Hope Res	Lake Fork	2196.48	5/31/00	2310.48	10/31/00	2310.48
60	3528	Trout Lake Res	Lake Fork	1970.00	5/1/00	3174.00	10/26/00	3174.00
61	3551	Buckeye Res	W Paradox Cr	291.00	10/16/00	2341.00	5/15/00	349.00
62	3552	Blue Mesa	Gunnison R	519749.00	10/31/00	737592.00	6/17/00	519749.00
62	3578	Crystal	Gunnison R	12351.00	8/26/00	17625.00	6/28/00	13537.00
62	3545	Morrow Pt	Gunnison R	104727.00	5/2/00	114877.00	11/29/99	113072.00
62	3548	Silverjack	Big Cimarron	3260.00	10/1/00	13270.00	6/1/00	3260.00

RESERVOIR STORAGE SUMMARY
IRRIGATION YEAR – 2000

AMOUNT OF STORAGE								
WD	ID	RESERVOIR	SOURCE STREAM	MINIMUM		MAXIMUM		END YR
				AF	DATE	AF	DATE	
63	3641	Burg Res	West Creek	0	11/1/99	0	5/31/00	0
63	3642	Casement Res	West Creek	33.90	11/1/99	52.20	5/31/00	16.30
63	3643	Casto Res	West Creek	0	11/1/99	334.50	5/31/00	0
63	3644	Craig Res 1	West Creek	75.00	11/1/99	251.80	5/31/00	75.00
63	3640	Crais Res 2	West Creek	313.90	11/1/99	544.00	5/31/00	96.70
73	3612	Duval Res	Chiquito Dolores	0	11/1/99	102.00	5/31/00	0
73	3621	Fruita Res 3	Chiquito Dolores	9.80	11/1/99	31.00	5/31/00	23.40

WATER DIVERSION SUMMARIES

WD	STRUCTURES REPORTING			ALL OTHER STRUCTURES		Estimate # Visits Structure	Total Diversions, AF	Total Diversions to Storage, AF	TO IRRIGATION		
	With Record (1)	No Water Avail. (2)	No Water Taken (3)	No Info Avail. (4)	No Record (5)				Total Diversions, AF	Number of Acres Irrigated	Average AF Per Acre
28	254	15	14	23	547	1,353	136,479	2,141	135,244	23,710	5.70
40	826	2	193	326	1615	11,613	582,634	72,460	477,827	109,005	4.38
41	74	1	21	34	488	2,795	954,474	0	660,646	71,294	9.27
42	65	0	37	229	257	3,104	603,100	12,018	25,163	5,517	4.56
59	222	0	14	151	1122	2,465	507,893	37,377	326,150	31,527	10.3
60	271	4	106	141	1050	1,385	164,643	16,911	118,748	30,774	3.86
61	40	2	18	22	46	2,124	16,574	4,851	10,234	3,383	3.03
62	211	1	49	89	1166	3890	3,764,733	661,740	99,381	12,512	7.94
63	64	3	36	122	156	1,668	18,945	929	16,547	2,590	6.39
68	166	0	32	66	681	2,643	138,906	30,201	98,948	15,808	6.26
73	28	0	22	100	102	348	5,747	102	5,480	3,048	1.80
TOT	2,221	28	542	1,303	7,230	33,388	6,894,128	838,730	1,974,368	309,168	5.77

Definitions: (1) Count of structures with CIU=A and NUC=blank
 (2) Count of structures with CIU=A and NUC=B
 (3) Count of structures with CIU=A and NUC=(A,C,D)
 (4) Count of structures with CIU=A and NUC=(E,F)
 (5) Count of structures with CIU=U

WATER DIVERSION SUMMARIES TO VARIOUS USES

WD	TRANS MOUNTAIN OUTFLOW	TRANS-BASIN OUTFLOW	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	DOMESTIC	STOCK
28	636	0	0	0	0	0	0	0	184
40	751	0	4,885	0	1,049	0	3,472	940	21,927
41	0	0	7,003	0	0	0	0	0	392
42	564,642	0	0	0	602	0	0	18	330
59	0	0	2,282	0	0	0	137,782	0	1,437
60	0	0	581	1,747	0	154	777	282	199
61	0	0	34	0	0	0	0	33	1062
62	774	0	165	0	0	0	5,242	0	0
63	0	0	0	0	0	0	0	12	1,282
68	0	0	1,174	0	0	14	0	0	2,828
73	0	0	0	0	0	0	0	0	9
TOT	566,089	0	16,124	1,747	1,651	168	147,273	1,285	29,650

WATER DIVERSION SUMMARIES TO VARIOUS USES, continued

WD	AUGMEN- TATION	EVAPO- RATION	GEO- THERMAL	SNOW MAKING	MIN STREAM FLOW	POWER GENERATION	WILDLIFE	RECHARGES	OTHER
28	0	0	0	0	0	0	0	0	0
40	385	1,745	0	0	0	0	0	0	1239
41	0	0	0	0	0	0	0	0	286,433
42	0	36	0	0	0	0	0	0	0
59	0	2,571	0	294	0	0	0	0	0
60	0	0	0	0	0	25,244	0	0	0
61	0	0	0	0	0	0	0	360	0
62	0	77,076	0	0	0	2,921,129	0	0	0
63	0	147	0	0	0	28	0	0	0
68	98	2,639	0	0	0	0	0	0	3,004
73	0	12	0	0	0	0	0	0	144
TOT	483	84,226	0	294	0	2,946,401	0	360	290,820

2000
WATER COURT ACTIVITIES

Applications for Decrees	250
Consultations with Referee	132
Decrees Issued by Water Court	294
Dismissals	6
Complaints	0

	<u>Structures</u>	<u>Cases</u>
New Conditional Water Rights		80
Diligence on Conditional Rights		36
Cancellations of Conditional Rights		12
Conditional Rights Made Absolute		9
Underground Water Rights	77	32
Surface Water Rights Adjudicated	353	228
Water Storage Rights Adjudicated	116	77
Plans for Augmentation Adjudicated		12
Change of Water Rights/Location		22
Change of Water Rights/Use Adjudicated		3
Instream Flow Rights Adjudicated		<u>22</u>
Total		533

APPENDIX E
DIVISION 4

2000 RIVER CALLS

Water District 28

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUCTURE	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Cochetopa Cr	Smith Ford #2 D	16192.11109	7/25/00	8/8/00	Fred Field
Cochetopa Cr	Smith Ford #2 D	16192.11109	7/25/00	8/8/00	Fred Field
Cochetopa Cr	Hazard Ditch	16192.12935	7/25/00	8/8/00	Fred Field
Cochetopa Cr	Smith Ford D #2	16192.13666	7/25/00	8/8/00	Fred Field
Cochetopa Cr	Smith Ford D #2	16182,15462	7/25/00	8/8/00	Fred Field
Cochetopa Cr	Hazard Ditch	16192.15462	7/25/00	8/8/00	Fred Field
Cochetopa Cr	Smith Ford D #2	17698.00000	7/25/00	8/8/00	Fred Field
Razor Creek	Snyders 1,2 D's	19509.00000	4/24/00	4/24/00	Woody Watson – cancelled
Razor Creek	Kennedy #1 D	10301.00000	5/25/00	Season	Greg Peterson
Razor Creek	Kennedy #2 D	10301.00000	5/25/00	Season	Greg Peterson
Razor Creek	Razor Creek D	10737.00000	5/25/00	Season	Greg Peterson
Razor Creek	Hirdman #1 D	10743.00000	5/25/00	Season	Greg Peterson
Razor Creek	Hirdman #2 D	10743.00000	5/25/00	Season	Greg Peterson
Razor Creek	Hirdman #3 D	10743.00000	5/25/00	Season	Greg Peterson
Tomichi Creek	Arch Ditch #143	22797.00000	6/14/00	6/24/00	Greg Peterson
Tomichi Creek	S.DavidsonCo D	11110.00000	6/14/00	7/14/00	Stan Irby
Tomichi Creek	Arch Ditch #135	19509.00000	6/22/00	7/11/00	Roger Cole

Water District 40

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Crystal Creek	Cedar Canyon Iron	12350.00000	7/10/00	10/31/00	LeRoy McLaughlin
Dirty George	Cedar Park D	13566.00000	3/30/00	Season	Lynn Sanburg

Water District 40 continued

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Dirty George Cr	Cedar Park D	20501.14413	3/30/00	Season	Lynn Sanburg
Dirty George Cr	Granby Ditch	20501.16192	3/31/00	Season	Paul Thompson
Dirty George Cr	Granby Ditch	31924.15950	3/31/00	Season	Paul Thompson
Dirty George Cr	Obert Ditch	31924.16102	4/1/00	Season	Nate Hawkins
Dirty George Cr	Bourn Ditch	29260.19448	4/3/00	Season	Stan Green
Dirty George Cr	Eagle Ditch	21341.00000	4/3/00	Season	Stan Green
Dirty George Cr	Red Haw D	29260.21275	4/3/00	Season	Stan Green
Dirty George Cr	Valley View D	36007.00000	4/3/00	Season	Stan Green
Dirty George Cr	Gallagher D	20501.13209	4/25/00	Season	Duane Burton
Dirty George Cr	West D	12407.00000	4/25/00	Season	Rolf Sanburg
Dirty George Cr	Blake Ditch	20501.13605	5/5/00	Season	Bud Hawkins
Dirty George Cr	Obert Ditch	21263.16102	5/9/00	Season	Bud Hawkins
Dry Creek	Oak Park	21089.18344	4/10/00	Season	H. Vaughn
Dry Creek	Welch	25807.22370	4/10/00	Season	H. Burgess
Dry Creek	Rimrock	21175.00000	4/25/00	Season	Roy Wolfe
Dry Creek	Welch	25807.22370	6/10/00	Season	H. Burgess
Dry Creek	Bert & Thompson	25807.21275	6/14/00	Season	L. Pipher
Forked Tongue	Forked Tongue D	13399.00000	4/10/00	Season	Joe Segrest
Forked Tongue	Perkins Ditch	13395.00000	5/5/00	Season	John Alward
Forked Tongue	Adobe Ditch	31924.20943	6/25/00	Season	John Alward
Forked Tongue	Park Ditch	12542.00000	6/25/00	Season	Shane Kier
Forked Tongue	Pioneer Ditch	25807.13605	6/26/00	Season	Howard Ashby
Hamilton Draw	McMurry Ditch	21263.16679	5/11/00	Season	Elmer Ferganchick
Hamilton Draw	Hixon 1 Ditch	21263.13028	5/15/00	Season	Darrell Geyer
Hamilton Draw	Hixon 2 Ditch	20501.17258	5/15/00	Season	Darrell Geyer
Happy Hollow	Happy Hallow D	20501.16181	4/26/00	Season	John Alward

Water District 40 continued

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Happy Hollow	Lucky 1 Ditch	20501.13240	5/15/00	Season	Darrell Geyer
Happy Hollow	Gilger Ditch	38837.00000	5/25/00	Season	Glenn Hanson
Happy Hollow	H.J. Neighbors	21263.15308	6/14/00	8/3/00	Joe Carson
Happy Hollow	Pumpkin Swag Seep	20501.15462	6/21/00	8/1/00	Joe Carson
Hubbard Creek	Majnik Ditch	49067.00000	6/7/00	10/15/00	Jim Norris
Kiser Creek	Lake Fork #8	13356.00000	5/20/00	Season	Willard Bull
Leroux Creek	Highline Ditch	14413.13606	5/15/00	5/23/00	Robert White
Leroux Creek	Duke Ditch	19415.15584	05/25/00	Season	Robert White
Leroux Creek	Highline Ditch	13119.00000	6/1/00	Season	Robert White
Leroux Creek	Highline Ditch	12269.00000	6/6/00	Season	Robert White
Leroux Creek	Currant Creek	12269.00000	7/25/00	Season	Roy Wolf
Leroux Creek	Highline Ditch	12269.00000	9/1/00	Season	Robert White
Minnesota Creek	Minnesota Canal	14413.13758	6/7/00	Season	Grant Farnsworth
Minnesota Creek	Minnesota Canal	14413.12488	7/5/00	Season	Stream Call
Minnesota Creek	Minnesota Canal	14413.12285	7/27/00	Season	Stream Call
North Fork Gunison	Fire Mt. Ditch	19415.17059	7/6/00	8/30/00	Merritt Denison
North Fork Gunison	Stewart Ditch	14413.11840	8/7/00	10/15/00	Norm Smith
Red Bluff Draw	Right Hand Ditch	20501.16315	6/16/00	Season	Akin & Anderson
Roatcap Ditch	Robert Stucker	22339-00000	7/12/00	Season	Steve Wollcott
Smith Fork	Grandview Ditch	21263.16523	5/19/00	5/23/00	Mark LeValley
Smith Fork	Crawford Clipper D	21263.00000	5/23/00	5/26/00	Bill Linman
Smith Fork	Crawford Clipper D	29261.00000	5/30/00	10/31/00	Bill Linman
Smith Fork	Crawford Clipper D	19413.16527	6/27/00	10/31/00	Dick Hanson
Terror Creek	Holybee Ditch	12370.00000	6/1/00	10/15/00	Beuter
Terror Creek	Terror Ditch	12370.00000	6/2/00	10/15/00	Richard Rudin
Ward Creek	Carbon Ditch	13685.00000	3/27/00	Season	Paul Clapper

Water District 40 continued

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Ward Creek	Carbon Ditch	20501.14413	3/29/00	Season	Leonard Mattivi
Ward Creek	Todd Ditch	20501.15066	3/29/00	Season	Hal Rudisale
Ward Creek	Todd Ditch	20501.18018	3/29/00	Season	Hal Rudisale
Ward Creek	Hansen Ditch	29260.19905	3/29/00	Season	Donna Loucks
Ward Creek	Sunrise Ditch	20501.18185	3/30/00	Season	Norman Wagner
Ward Creek	Parker Ditch	29260.18362	3/30/00	Season	Norman Wagner
Ward Creek	Carbon Ditch	29260.17367	3/31/00	Season	Jess Miller
Ward Creek	Rowell Ditch	48212.47945	3/31/00	Season	Paul Thompson
Ward Creek	Gard Ditch	12844.00000	4/25/00	Season	Joe Segrest
Ward Creek	Lone Friday Ditch	29260.20544	4/1/00	Season	Larry Dumler
Williams Creek	Pratt Ditch	29260.21701	3/31/00	Season	Bill Otto
Williams Creek	Pratt Ditch	29260.23496	4/1/00	Season	Dale Parker
Youngs Creek	Childs G11	25807.14414	5/8/00	Season	Fogg
Youngs Creek	Lookout	20501.17636	6/2/00	Season	Morris
Youngs Creek	Cherokee	20501.16892	6/7/00	Season	Davis
Youngs Creek	Childs #28	20501.14854	6/7/00	Season	Fogg
Youngs Creek	Broncho	13254.00000	6/13/00	Season	Frost
Youngs Creek	Childs #4	13141.00000	6/13/00	Season	Fogg
Youngs Creek	Santa Fe	13877.00000	6/13/00	Season	Betz

Water District 41

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Horsefly	Albush Ditch	24221.22524	4/11/00	Season	Mardell Sanders
Spring Creek	Shavano Valley D	12744.00000	6/9/00	Season	Wayne Brown
Uncompahgre R	Uncom VWUA	11628.00000	6/26/00	8/28/00	Jim Hokit

Water District 42

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
East Creek	Lurvey Ditch #1	22848.21258	4/25/00	Season	Ron Tipping
Kannah Creek	K.C.Highline Ditch	13904.00000	4/21/00	4/29/00	Randy Cuciati
Kannah Creek	K.C.Highline Ditch	22848.21251	5/30/00	6/2/00	Danny Vanover
Kannah Creek	K.C. Highline Ditch	13904.00000	6/2/00	6/7/00	Danny Vanover
Kannah Creek	Boles, Wms, Morison	13902.00000	6/7/00	6/13/00	John Carelli
Kannah Creek	Smith Ditch	13234.00000	6/13/00	6/16/00	Bud Bradbury
Kannah Creek	Bowen Private D	13121.00000	6/16/00	6/19/00	Steve Bonnell
Kannah Creek	Smith Ditch	13234.00000	6/19/00	6/23/00	Bud Bradbury
Kannah Creek	Brown and Campion	13102.00000	6/23/00	6/29/00	Bill Blair
Kannah Creek	Northwestern	13007.00000	6/29/00	7/7/00	John Whiting
Kannah Creek	K.C. Extension D	12724.00000	7/7/00	10/31/00	Ed Gardner

Water District 59

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
East River	East River #2	17425.00000	8/1/00	9/1/00	Ken Spann/Gary Garland
East River	East River #2	28497.27485	8/1/00	9/1/00	Ken Spann/Gary Garland
East River	East River #2	30667.17425	8/1/00	9/1/00	Ken Spann/Gary Garland
Washington Gulch	Breem Ditch	18394.00000	8/8/00	9/9/00	Bill Lacy
Washington Gulch	Meridian Ditch	26230.22082	6/14/00	Season	Rudy Rozman
Washington Gulch	Meridian Ditch	26230.23010	6/14/00	Season	Rudy Rozman
Washington Gulch	Meridian Ditch	33356.21726	6/14/00	Season	Rudy Rozman
Washington Gulch	Rozich Ditch	18870.00000	6/14/00	Season	Rudy Rozman
Washington Gulch	Rozich Ditch	33356.18870	6/14/00	Season	Rudy Rozman

Water District 60

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Cottonwood Creek	Carpenter	13456.00000	6/3/00	8/18/00	Weimer Ranches
Cottonwood Creek	Highline Ditch	43829.37985	8/1/00	8/18/00	Colorado Coop. Co
Naturita Creek	Maverick Draw	12524.00000	8/1/00	8/18/00	Jaqueline Reams
San Miguel River	BCD Ditch	13058.00000	8/1/00	8/18/00	Jaqueline Reams
San Miguel River	BCD Ditch	16406.00000	8/1/00	8/18/00	Siminoe/Tri-State
San Miguel River	Braddock Ditch	30604.28053	8/1/00	8/18/00	Steve Bennett
San Miguel River	Goulding Ditch	13453.00000	8/1/00	8/18/00	Steve Bennett
San Miguel River	Goulding Ditch	14914.00000	8/1/00	8/18/00	Don Bennett
San Miguel River	Highline Canal	17283.00000	8/1/00	8/18/00	Weimer Ranches
San Miguel River	Reed Chatfield	16984.00000	8/1/00	8/18/00	Town of Naturita

Water District 61

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Paradox Creek	Galloway Ditch	12549.00000	4/10/00	10/26/00	Greg Irwin

Water District 62

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Trout Creek	Johnson Ditch	20393.12945	6/29/00	Season	Bill Thomas

Water District 63

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
West Creek	Bartholomew/Hatch	30079.18924	5/30/00	Season	James T. Boulden

Water District 68

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Dallas Creek	Mayol Sisson Ditch	9967.00000	7/13/00	8/24/00	Larry Luke
Dallas Creek	Reed Overman D	10348.00000	7/13/00	8/24/00	Larry Luke
Dallas Creek	Hosner Rowel Ditch	11779.00000	8/1/00	8/24/00	Lanah Hutt
Dallas Creek	Burger Ditch	12571.00000	8/2/00	8/29/00	Denise Adams
Dallas Creek	Sibert Ditch	11840.00000	8/2/00	8/29/00	Denise Adams
Horsefly Creek	Albush Ditch	24221.22524	4/12/00	6/8/00	Mardell Sanders
Horsefly	Tierra Colo Ditch	27184.21672	5/3/00	6/8/00	Mina Voss
System-Wide	Uncom VWUA	29554.09618	6/26/00	8/22/00	Jim Hokit

Water District 73

STREAM AFFECTED	NAME OF STRUCTURE	ADMIN # CALL STRUC	DATE OF CALL	DURATION OF CALL	PERSON CALLING
Chiquito Dolores Cr	Upper Saxbury D	22848.17806	5/8/00	Season	Mtn. Island Ranch
Hill Creek	A.R. Hall Ditch	30895.27130	4/18/00	Season	Shirley Richards

TABLE OF ORGANIZATION-PERSONNEL

IRRIGATION DIVISION 4

Division Engineer – Wayne I. Schieldt
 Assistant Division Engineer – Frank Kugel
 Program Assistant I – Jean Pierce
 Well Commissioner – LuAnn Beasley
 Dam Safety Engineer – James Norfleet
 Hydrographer – Jerry Thrush

Water District 28

WATER COMMISSIONER
 Bonnie Irby

Water District 40

PR. WATER COMMISSIONER
 Jim Boyd

 PR. WATER COMMISSIONER
 Robert Starr

Water District 41

SR. WATER COMMISSIONER
 C. Crandall Howard

Water District 42

WATER COMMISSIONER
 Lynne Bixler

 WATER COMMISSIONER
 Richard Belden

Cliff Davis
 Merritt Denison
 Gerald Figueroa
 James Holiman
 Henry LeValley
 Kenneth Mahannah
 Dale Parker
 Gregg Scott
 Stephen Tuck
 Doug Wist

Water District 59

WATER COMMISSIONER
 Richard Rozman

Water District 60

SR. WATER COMMISSIONER
 Lyman Campbell

 WATER COMMISSIONER
 Aaron Todd

Water District 61

WATER COMMISSIONER
 Clinton Oliver

Water District 62

SR. WATER COMMISSIONER
 C. Crandall Howard

 WATER COMMISSIONER
 Carl Hurst

Water District 63

WATER COMMISSIONER
 Richard Belden

Water District 68

WATER COMMISSIONER
 Eric Weig

Water District 73

WATER COMMISSIONER
 Richard Belden

OFFICE ADMINISTRATION AND WORKLOAD MEASURES
ACTIVITY SUMMARY

WATER DIVISION NO. IV

2000 CALENDAR YEAR

<u>ACTIVITY</u>	<u>TOTALS</u>
Professional and Technical Staff	3
Clerical Staff	1
Water Commissioners FTE (Full/Part-Time	23
2000 Decreed Surface Rights	353
Surface Rights Administered (visits)	31,162
Storage Rights Administered (visits)	8,019
2000 Decreed Wells	32
2000 Decreed Plans of Augmentation	12
Consultations with Referee	132
Water Court Appearances	90
Meetings with Water Users	143
Contacts to give public assistance	*19,486
*Includes Water Commissioner Contacts	