

# STATE OF COLORADO

**DIVISION OF WATER RESOURCES  
WATER DIVISION THREE**

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February 24, 1995

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

Dear Hal:

On behalf of the staff of Division III, I submit herein the Annual Report for 1994.

I would like to express special thanks to the Division III staff, as well as you and your staff for the help and support in fulfilling the various responsibilities of water administration in our division.

Respectfully submitted,

Steven E. Vandiver, Division Engineer  
Division III

Robert M. Plaska, Assistant Division Engineer  
Division III

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**COLORADO  
DEPARTMENT OF NATURAL RESOURCES**

**DIVISION OF WATER RESOURCES**

**DIVISION III**

**1994**

**ANNUAL REPORT**



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## **I. WATER ADMINISTRATION**

### **A. Current Water Year - 1994**

#### **1. Accomplishments**

##### **a. Water Administration**

In 1994, the water administration issues which were encountered ranged from feast to famine. Depending on what area of the basin you lived in, you enjoyed a good year, a fair year, or a terrible year.

The year started out with a wonderfully mild winter on the Valley floor. The January mean temperature for Alamosa of 19.3 degrees Fahrenheit was 5.6 degrees Fahrenheit above the long term average. Unfortunately, along with the mild temperatures, a below normal snowpack was experienced in portions of the basin. By the time the irrigation season arrived, it was apparent that many drainages in the Division would have below normal runoffs. The May 1 runoff forecast showed that the southern mountains, both in the San Juan and Sangre de Cristo ranges, had the best snowpack and the situation got progressively worse the farther north in the Division one looked. Runoff estimates ranged from 152 percent of average for Culebra Creek in the southeast corner of the Valley, to 67 percent of average for Saguache Creek in the northwest corner of the Valley.

As the runoff season started, the mild temperatures continued to persist and resulted in many rivers and creeks having early runoff peaks followed by rapidly declining stream flows. While many ditches were able to divert, the duration of their diversion were often measured in days instead of weeks. However, all was not gloom and doom in the

Valley. The major reservoirs in the Valley had above average amounts of water in storage which helped to offset, to some degree, the below average runoff. Also, the availability of groundwater in a large part of the Valley provided for ample water supplies to much of the intensively cultivated farm ground. One final event which helped stretch the water supply this year was the spill of Elephant Butte Reservoir, which eliminated our compact obligation for 1994.

Some of the specific water administration areas which we wish to report on are:

1. **Rio Grande Compact**

Colorado began 1994 with a credit of 65,300 af under the provision of the Rio Grande Compact. As the winter progressed, it became obvious that the Conejos system would have a significant delivery obligation because of its above-normal snowpack. The Rio Grande, on the other hand, would have a much easier time of it because of the below-normal snowpack in the basin. Then, after excellent early deliveries had been made and the obligation seemed to be manageable, flows from the Sangre de Cristos in Southern Colorado and northern New Mexico caused Rio Grande Project storage to spill, eliminating any further obligation in 1994. This runoff into Elephant Butte Reservoir exceeded any forecast and also forced some of the credit in the reservoir to be spilled. The content stayed high throughout the year and Project storage was 2,123,070 af on December 31, 1994, out of a possible 2,296,800 af.

The Rio Grande calls for irrigation water were honored on March 14, 1994, as a result of good early-year deliveries of both native and Closed Basin Project water. The Rio Grande was not curtailed the remainder of the year for Compact purposes and it appeared

return flows would more than satisfy any obligation which remained on that river. The Conejos system calls for irrigation were not honored until April 15, 1994, to allow for more delivery early, thereby reducing the curtailment during the irrigation season when the water was needed. The initial curtailment was set at 25 percent, but only minimal actual curtailment of ditches was needed because of the high flows out of the Los Pinos and San Antonio Rivers. The much above-normal snowpack along the Colorado-New Mexico stateline produced enough water to more than meet the Conejos obligation through the entire spring, as well as meet all demand in the San Antonio and lower Conejos system. By the time the Conejos runoff peaked, the needed curtailment had been reduced because of the excess early flow which was not fully anticipated.

As the spring and early summer progressed, it became apparent that the much above normal runoff from northern New Mexico could possibly spill Project storage. Then on July 2, after all of the San Juan Chama recreation pool of 45,900 af had been spilled, it was determined that credit water was being spilled, triggering one of the definitions of spill in the Compact, and therefore released Colorado from any obligation for the remainder of the year. Proposed alternative accounting by the U.S. Bureau of Reclamation in El Paso would not have shown a spill, but that was not allowed by the Compact Commission. A summary of curtailments and Compact performance can be found in II.F. later in this document.

As is normally done, a 60/40 (Rio Grande/Conejos) allocation was assumed at the beginning of the year. On April 25, 1994, the Rio Grande Water Conservation District Allocation Committee met and it was concluded that the Rio Grande did not require any

Closed Basin Project water for the remainder of the year, nor the amount already credited to them up to that time. Therefore, the Conejos was allocated 100 percent of the water from January to the end of the year. Then, as a result of the spill in early July, the Allocation Committee agreed to re-allocate the production 60/40 from July 1, 1994, to the end of the year to handle the operational water which would be delivered to the river. The Project was kept at a reduced level until December, when the production was increased to approximately 50 cfs to prepare the canal for 1995 deliveries. The variable allocation in 1994 resulted in a split of Project production of approximately 14 percent Rio Grande and 86 percent Conejos.

Once again, the lack of Compact obligation requirements caused the problem of trying to administer the Rio Grande to accomplish minimum deliveries past Alamosa. This problem was successfully addressed by a different administrative scheme and the cooperation of several ditch companies to reduce bypasses and shortages to downstream water rights. The overall administration went well not only on the Rio Grande, but on the Conejos as well.

The winter recharge decree was honored beginning on November 1, 1994. Four of the six ditches participated this year and approximately 11,743 af was delivered under this decree. Only the Rio Grande Canal and the Centennial did not divert. Additional structures are still being constructed on those ditches to ensure water can be introduced into the aquifers as efficiently as possible.

## **2. Closed Basin Project**

The Closed Basin Project continued to deliver good quality

water to the Rio Grande in 1994 which was creditable under the Compact and thus reduced curtailments of direct flow water rights on both the Conejos and the Rio Grande. The Project has a noticeable effect on our administration of the Compact and the amount of water that is deliverable to the ditches on both the Conejos and the Rio Grande. All five stages of the Project are complete and operational. Many operational concerns remain over several aspects of the Project and as more is learned it will be come easier to operate. The hydrologic conditions in 1994 once again did not allow full use of the Project and we look forward to learning how it can be operated most beneficially under full production. We anticipate that the delivery of water from this Project will have a significant impact on Compact administration and will be of great help to us in minimizing the impact of the Compact on the users in Colorado. To date, the Compact water quality standards have been quite easily met. Only 11.6 af of water in 1994 did not meet Compact standards. We expect the Project can continue to be operated within the prescribed standards and that non-creditable deliveries can be minimized by good operation and maintenance of the facility and monitoring by the different entities involved in its administration. Other purposes of the Project as provided in the enabling legislation have received major benefits, especially the mitigation of impacted wetlands as described in the mitigation plan for the Project.



Preliminary deliveries during 1994 are as follows:

1,566 acre feet	Blanca Wildlife Habitat Area 766 acre feet of the 1566 acre feet were delivered from operational water after spill occurred.
4,500 acre feet 18,250 acre feet	Alamosa National Wildlife Refuge to the Rio Grande (creditable)

Deliveries were also made to San Luis Lake to maintain the 890 surface acres which continues to hold the TDS levels in the lake at an acceptable level. As of the last tests in 1994, TDS in the lake was approximately 390 ppm. Water delivered to and from the lake is as follows:

1,168 acre feet	delivered to San Luis Lake
1,872 acre feet	pumped from San Luis Lake

A considerable amount of natural inflow from Sand and Big Spring Creeks helped freshen the lake and created a need to pump water from the lake through the pumping plant into the conveyance channel. We continue to be involved with both the Bureau of Reclamation and the Rio Grande Water Conservation District to use the Project as effectively as possible.

### 3. Platoro Reservoir

On January 31, 1994, the Conejos Water Conservancy District presented a check for \$350,000 to the United States Bureau of Reclamation as an early payout of the construction obligation for Platoro Reservoir. With this payout, the District assumed responsibility for operation and maintenance of the reservoir. Flood control

operations are still maintained by the United States Army Corps of Engineers in Albuquerque, New Mexico.

Platoro Reservoir started the year with just over 42,000 af of water in storage. With this large carry-over, an early season release had to be made to create storage space to handle the predicted runoff. By May 15, the reservoir had been drawn down to 37,000 af. Between May 15 and June 6, the storage rate in the reservoir was regulated in accordance with the flood control operation curves. The conservation pool filled on June 10, and a small amount of water was stored in the flood control pool until the inflow to the reservoir subsided. The flood control pool was evacuated by June 30.

Platoro Reservoir was once again utilized by the Conejos Water Conservancy District to store direct flow rights for senior downstream ditches. This is the fourth year this program has been run, in cooperation with our office. This year, 8,700 af of water was stored under the direct flow storage program for later use during the irrigation season. The program has proved to be very beneficial in re-regulating flows on the Conejos River. Hopefully, before the end of 1995, the District will be able to have the direct flow storage program decreed by the Water Court. A court case was filed by the District in 90CW48. A computer model developed by Hydrosphere Resource Consultants is currently undergoing calibration and will be used to support the claims of the District in this case.

In addition to the direct flow water which was stored in Platoro, the District also sold approximately 6,050 af of project water to ditches in the District. The combination of an above average runoff on the Conejos drainage, availability of ample storage water and no Compact curtailment added up to a good irrigation season on the Conejos system.

On the Rio Grande the situation was a little different, but the results were still pretty good. The Grande had a runoff which was about 80 percent of average. The reservoirs on the system had fair volumes in storage, but the number of ditches which benefit from the use of these reservoirs is small. The saving grace in the Rio Grande drainage was the ability of many farms to use ground water supplies. Adequate water supplies coupled with excellent summer growing conditions resulted in bumper crops of potatoes, grains and alfalfa.

The water commissioners in District 20, the mainstem of the Rio Grande, made great strides in trying to improve upon the administrative problems of the District caused by the complexity of the system. As they have gained knowledge about how the river works, they have offered many suggestions which have helped deliver water to the ditches in a more efficient manner. They have also spent considerable time working with the owners of various ditches to get structures upgraded and other maintenance work done which will help the ditch owners maximize their use of the water.

Administration of the other drainages in the Division seemed to be the typical day-to-day problem solving that occurs every year, with the exception of Saguache Creek and Culebra Creek. In these areas, Districts 26 and 24 respectively, issues arose which required a considerable amount of time from the Alamosa staff. These issues are discussed in greater detail later in this report.

One area of water administration which seems to be getting more attention is groundwater. In the past, we have not directly administered groundwater because of the absence of approved rules and regulations, and because of the agreement entered into

by the major river systems dealing with the operation of the Closed Basin Project. Now, we are hearing more and more people mention this area in discussions about administration. While the Valley as a whole seems to be relatively happy with the present status-quo, it appears that there is a growing sentiment, at least among a small group of water users, that the time is approaching when groundwater administration will have to come to the Valley. We do not think that the need for rules and regulations is imminent, and we hope they are never needed; however, we feel that we should start thinking about basic data needs which would help us make informed decisions in the future about how we and the water users can manage this very valuable resource.

With respect to Water Court activity for 1994, this was a very uneventful year, for the most part. There were a total of 63 cases filed during 1994, two of which were injunctive actions against our office. There were 34 decrees entered by the Water Court during 1994, and there were 81 cases pending as of January 1, 1995. A breakdown of the statistics compiled by the Clerk of the Water Court are contained in the appendices to this report.

Effective January 1, 1995, the Water Court in Division III will have a much different look. After 22 years of serving as the Clerk of the Water Court, Carol Redding has decided to move on to other job responsibilities. She will be working part-time for the District Court Administrator and will also take over as manager of the San Luis Valley Water Conservancy District. While we all wish Carol the best of luck in her new endeavors, we also mourn her loss to the Court. With her departure goes many years of knowledge and history which will be impossible to replace.

In addition to Carol Redding leaving the Water Court, it was recently announced that the administrative functions of the Water Court, District Court, and County Court will be combined in an effort to increase efficiency and reduce costs. We will be watching this situation to see how it may impact our office.

As mentioned above, Carol Redding will be the new manager for the San Luis Valley Water Conservancy District. Carol will be replacing Floyd Getz who is retiring from that position after 12 years. Floyd served in the capacity of manager/secretary and always performed his duties in a professional and courteous manner. It was a pleasure working with Floyd and Division III wishes him the very best.

**b. Dam Safety**

Dam safety inspections in Division III were conducted by Frank Kugel, the Dam Safety Field Engineer shared with Division VII. Two dams were repaired, with one repair resulting in a likely modification of a storage restriction. Fourteen dams had annual safety inspections performed by the Field Engineer. An additional nine dams were observed by the Water Commissioners, including seven Class II dams.

A major dam modification project was completed on the Mountain Home Reservoir dam. This dam is a 127-foot high rock/hydraulic fill structure on Trinchera Creek. The National Dam Safety Phase I Report showed the spillway to be unable to safely pass the Inflow Design Flood (IDF) for a Class I dam. As a result, reservoir storage was restricted to a level 11.5 feet below the spillway crest. Modifications to the dam included widening the spillway to 200 feet and constructing a concrete spillway control structure. The dam crest was raised three feet, a concrete energy dissipater was constructed on the end of the

outlet discharge flume, and a toe drain was installed to control seepage. The result of this project is that the dam has a higher level of safety and can now pass the IDF for a Class I dam.

The second dam construction project was at Big Meadows Dam. This structure is a 65-foot high earthfill embankment. Extensive seepage at the embankment toe had long been a safety concern. The repair involved constructing three separate toe drains to collect seepage flows. As a result, seepage patterns have been drastically reduced.

**c. Hydrographic Program**

**1. Duties**

The hydrographic branch in Division 3 is composed of four hydrographers. Craig Cotten is the lead hydrographer; Stan Ditmars is a full time hydrographer; Scott Veneman works as a hydrographer approximately two-thirds of the time, and repairs and maintains the satellite system the remainder of the time; and Pat McDermott works as a hydrographer approximately half of the time, and on other water resources duties the other half.

The hydrographic branch has the responsibility of tracking and recording the stream flows in the San Luis Valley of Colorado. This includes the Rio Grande and Conejos Rivers and their tributaries, along with those streams tributary to the Closed Basin. The branch operates, works records, or maintains equipment for 46 gaging stations in and around the Valley, as well as operating eight trans-mountain diversions that bring water into the Valley from other basins. Thirty-eight of these stations are equipped with satellite monitoring equipment that relay information to our office every four hours. A water-year record

(October 1 through September 30) of daily flows is developed for 43 of the stations. In addition, a calendar-year record is developed for 19 of the stations.

Eight of the stations operated by the branch are Rio Grande Compact stations. The Rio Grande Compact governs the apportionment of Rio Grande and Conejos River flows to Colorado, New Mexico, Texas, and Mexico. These eight Compact stations are operated under Compact guidelines and are used to determine the amount of water to which Colorado is entitled.

The hydrographers have had a fairly busy year this year with preparing records, operating and maintaining gaging stations, and rehabilitating existing structures and systems.

## **2. Closed Basin**

From 1989 through 1994, the Division of Water Resources had a cooperative agreement with the U.S. Bureau of Reclamation regarding the collection of hydrologic data on Reclamation's Closed Basin Project. Under the agreement, this office was responsible for performing hydrographic measurements and collecting stream-flow data at eleven sites throughout the Project area. On September 30, 1994, this cooperative agreement expired. Based on the success of this agreement, a new cooperative agreement was signed in November. This new agreement follows along the same lines of the old agreement, but several new sites have been added and the funding has increased slightly. The agreement is for the period October 1, 1994, through September 30, 1999, and this office is looking forward to continuing the collection of data and working with the Bureau of Reclamation.

### 3. Construction Projects

The construction projects that have been performed by the branch vary from small jobs to fairly in-depth endeavors. This past year the hydrographic branch has replaced the station on Kerber Creek, replaced the control and rehabilitated the station on La Jara Creek, replaced a significant part of the cableway on the North Channel of the Conejos River, repaired the channel and gage pool on Ute Creek, rehabilitated the station on North Crestone Creek, installed three new satellite systems, and performed many smaller construction projects at gaging stations.

Plans are already being made for several new construction projects in the months ahead. These projects, both completed and planned, will allow us to better track and record the stream flows in Division 3.

### 4. Satellite Monitoring Repair Facility

The Satellite Monitoring System Facility in Division III is responsible for the maintenance, repair, and calibration of all electronic data collection and telemetry equipment in Divisions III, IV, and VII. The facility provides technical support and assistance to field engineers and technicians in these divisions for system installation, field maintenance, and modifications.

Approximately 30 percent of one full-time position is spent operating the facility. Sixteen data collection platforms and three shaft encoders were repaired at the facility in 1994. A total of 3,329 miles were driven during the year performing field repairs and installations.

In Division III, one state owned Satellite Monitoring System was installed at



Trinchera Creek below Smith Reservoir. Two additional systems were installed on trans-mountain diversions for other entities in Division III. One was installed for the Division of Wildlife at the Don LaFont No. 2 Ditch at Piedra Pass, and one was installed for Navajo Development on Williams Creek - Squaw Pass Ditch at Squaw Pass. The data from these stations greatly assist the water commissioners in administering the water on a real-time basis.

In Division VII, three State-owned Satellite Monitoring Systems were installed and two existing systems were upgraded with new data collection platforms and shaft encoders. An additional day was spent investigating the possibilities of interfacing our equipment to existing devices at several locations in the Dolores Project. These installations are scheduled for March 1995.

**d. Ground Water and Well Permitting**

In 1994, the Division III groundwater section processed over 410 well permit applications and performed 123 field inspections. This was a 14 percent increase in permit applications and a 34 percent increase in field inspections over 1993.

Of particular concern to the groundwater staff is the reactivation of old irrigation wells which have not been used for years and have probably never provided a full water supply to the land for which the well was intended.

In 1981, a moratorium was placed on the issuance of irrigation permits for new lands in the unconfined aquifer of the Closed Basin. This was the final moratorium in a series, and effectively stopped issuance of new irrigation permits in the Rio Grande Basin in Colorado. However, this cessation of permit issuance has not stopped enterprising

farmers from trying to open up newly irrigated ground.

In the past, Division III has never placed a well on the abandonment list. We can ensure that will change in the year 2000. At the present time, however, we need a mechanism whereby we can restrict this de facto expansion of use.

e. **Water Records and Information**

This year marked a milestone in our development of diversion records and processing of information in our office. For the first time since we started processing our own diversion records, all of the diversion data was entered by the water commissioners utilizing computer equipment located outside the Division III office. While this advancement has often required some extensive long distance problem solving, the savings in travel time and mileage expenses are certainly real. We also believe that the quality of the records has improved with the increased ownership experienced by the commissioners since they now perform all their own data entry and corrections. As has been the case for the last several years, the 1994 diversion records were completed on time with minimal problems. We want to thank all of our water commissioners for their efforts in producing the 1994 diversion records.

Another milestone which occurred this year was the installation of a Local Area Network (LAN) in the Division III office. The LAN provides us the flexibility to share data and printers between the various computers within the office. While we are still learning to use the LAN to its full potential, it has already solved many of the hardware problems which have existed for years.

This year marked the first year we published a biennial tabulation pursuant to the

revised statutes. Preparation of the 1994 tabulation was a relatively painless process, unlike past experiences. This was due in great part to having the data accessible on our local computers and also to the efforts of the staff in entering and checking recent court decrees. Special thanks go out to Sue Edling for all her efforts in data handling and to Jean Van Loan of the Denver office for all her help in the data processing and publication areas.

As each year passes, it seems that the handling of data is becoming more of our everyday routine. We have seen ever increasing requests for information on both surface water rights and wells. We currently have available to the public all of our decreed water rights, registered wells, and historic surface diversion data. The vast majority of this information is available on our computer databases. The quality of the information in these databases is extremely important. This year we began to review the historic surface diversion data for the period 1950 to 1993. The water commissioners reviewed the data for major ditches in their districts and identified problem areas or corrections which need to be considered. The next step in this process will be to determine what corrections should be made and to document the changes. This will be an ongoing process for the next few years as outlined in the Long Range Plan for the Division.

An experiment we started two years ago in providing public access to our well database has proven to be a great success which we would like to report on. We have dedicated one of our office computers to be used by the public to access the well data base. If people come in with extensive research to be done regarding wells, they are given instructions on how to use the Wellbrow program and are free to use the public computer.

Staff is available to answer questions, but the amount of staff involvement is drastically reduced. This procedure has worked extremely well with realtors, appraisers, consultants, and people looking to purchase large tracts of land with multiple wells. The public access machine was also heavily used during the year-end rush to comply with the new requirement to provide change of ownership information for wells.

**f. Special Projects**

The Division III office is staying involved with other State and Federal resource agencies in an attempt to educate them in Colorado water law. We have met with several Federal agencies this past year and State agencies to convey information to them. All water conservancy district, water conservation district, as well as most water user meetings, are attended by Water Resources personnel.

The Division III Staff enjoyed an active training program during 1994 that is continuing in 1995. Listed below is a summary of training which occurred during 1994 and to-date for 1995. In addition to the training listed, Division III also spent some training monies to purchase a television/VCR for use in training activities and four water resource manuals to add to the Division library.

**Training Received - Calendar Year 1994**

Staff Attending	Type of Training	Hrs.	Total Hrs.
1	Colorado Well Water Contractors Association Conference	24	24
10	Computer Applications Course	20	200
12	Water Law Training	12	144
1	Safe Drinking Water Act	8	8
1	Bank Operated Cableways	4	4
3	Ground Water/Well Training	6	18
4	Water Seminar	5	20
7	{LAN} Operation Training	4	28
7	{GPS} Operation Training	7	49
2	{GPS} Data Handling	12	24
11	Colorado Water Officials Association	10	110
<u>Training 1995 to Date</u>			
14	Well Permitting	3	42
8	Well Construction Seminar	6	48

Division III staff continues to be involved in the development of recharge projects around the San Luis Valley. The San Luis Valley Water Conservancy District, the Rio Grande Water Conservation District and several ditch companies have become involved in formal projects to construct recharge facilities to enable them to more efficiently deliver ditch water into the aquifers for use by wells at a later time. We have participated in the San Luis Valley Water Conservancy District Plan by providing assistance, funds, and help with installation of Parshall flumes and data loggers for monitoring the aquifers as the recharge project is operated. A substantial amount of water was delivered to at least two

formal recharge areas. We continue to work with ditch companies to maximize the amount of water that can be recharged to the aquifers when time and water allow. SB200 funds have been used to purchase some of the monitoring equipment so that we can better understand the aquifer systems.

The Division Engineer for Division III continues as the Engineer Advisor to the Colorado Rio Grande Compact Commissioner. In 1994 he was heavily involved in a number of issues throughout the Compact reach of the Rio Grande in an attempt to protect Colorado's interests under the Rio Grande Compact. Particular issues include the effect of the Endangered Species Act and recreational interests constantly wanting additional water from Colorado to enhance the rafting flows through the Rio Grande gorge. On August 19, 1994, the Rio Grande Silvery Minnow was designated as an endangered specie on the Rio Grande with proposed critical habitat between Cochiti and Elephant Butte Reservoirs. The Division Engineer has been actively involved with other stakeholders on the Rio Grande to be included directly in the recovery plan process for the fish. Several meetings have been held to determine how to carry out new directives of the Department of Interior to include stakeholders in this process. An additional duty which the Engineer Advisor has been involved in is an inter-agency group working on Rio Grande issues in Colorado and northern New Mexico. Representatives of both states, the Bureau of Land Management, the U.S. Fish and Wildlife Service, the U.S. Forest Service, the Division of Wildlife, the State Engineer's Office, and Indian tribes are trying to identify and address issues of common concern, particularly involving management issues between Las Saucos, Colorado, and Espanola, New Mexico. It has been extremely beneficial to

educate one another to the different concerns of each of the entities represented and identify areas in which we can benefit one another. We feel this is a good opportunity to address Colorado's interest under the Rio Grande Compact, but wanted to be involved in any attempt to enhance other aspects of the use of the river or water flow.

The staff from Division III has been involved in the National Water Quality Assessment (NAWQA) program with the U.S.G.S. Both Bob Plaska and Steve Vandiver are involved in the Liaison Committee which advises the U.S.G.S. as to how the program can proceed in a productive way. Water quality sampling was completed during 1994, both from surface and ground water sources. The initial data collection has been completed as of this date, and we understand the report is complete as to this "snap shot" of Colorado's water quality in the Rio Grande Basin.

At our Fall Water Commissioner Meeting, we honored our Water Commissioner of the Year, Steve Baer. Steve is the Lead Commissioner in District 20, the mainstem of the Rio Grande. While it is often extremely difficult to single out one commissioner over his peers, this year the choice was relatively clear. Besides performing his everyday duties in a very capable manner, Steve volunteered to serve on the PDQ review panel for Water Commissioners. This involved a great deal of sacrifice on his part to complete a very difficult and demanding job. Because of his dedication and willingness to serve his fellow employees, Steve was our choice for the 1994, Division III, Water Commissioner of the Year.

We also gave out two awards to honor water users in our Division. The first was for the Ditch Superintendent of the Year, which was presented to Barry Nelson,

Superintendent of the Rio Grande Canal. Barry manages the largest canal system in the San Luis Valley, as well as two reservoirs which are part of the system. This past year his cooperation with our commissioners made the job of administration on the Rio Grande a much more efficient operation. We greatly appreciate the efforts Barry has put forth to help our staff.

The second award was presented to Harold Ziegler for the Water Manager of the Year. Harold is the President of the Commonwealth Ditch Company and a member of the Colorado Water Development and Power Resource Authority Board. He has been very active in other Valley water groups, and is a past president of the Rio Grande Water Conservation District. This past year, Harold was instrumental in getting his ditch company to try some innovative water management practices which resulted in aiding the water commissioners in the daily administration of the river. He also helped negotiate the settlement of some disputes between various water user groups. We greatly appreciate the efforts Harold has contributed to the water user community in the Valley, both in the past and in the present.

## **2. Milestones in Water Issues**

This year seemed to have more than the normal amount of complex water issues that demanded a great deal of the staff's time. Many of them are still being worked on as we move into the new year, and some will no doubt be unresolved for some time.

Perhaps the most notable issue, and the most pleasant to report on, is the final chapter in the American Water Development, Incorporated (AWDI), case. After losing its case for non-tributary groundwater and its claim to water under a Spanish land grant in the



Division III Water Court, and after losing its appeal to the Colorado Supreme Court, the case finally ended when the United States Supreme Court refused to hear AWDI's appeal. With the decision of the U.S. Supreme Court, the way is finally clear for the objectors to try to collect the judgement awarded to them in the District Court case. The amount of the judgement, including interest, now stands at over three million dollars.

One of the water administration issues which surfaced again this year dealt with some of the oldest water rights in the State. These rights are located in the Culebra Creek drainage near San Luis. For many years there has been a dispute over the ownership and historic use of part of the water decreed to the first twenty-four priorities on the system. These rights were involved in the 1984 abandonment case, but were subsequently withdrawn from the abandonment list subject to an understanding between the parties and the State regarding the administration of the rights. This spring a call was put on the system for part of the disputed rights which led to a brief period of intense unrest among the water users involved. In an attempt to settle the dispute, a meeting was held between representatives of the ditches involved and the State Engineer. Based on that meeting, it was agreed that a plan of administration which would try to recognize the historic use patterns would be formulated by our office and offered to all the parties involved in the dispute. The time-table for having the plan to the water users is early 1995, so that, hopefully, it can be agreed to and implemented for the 1995 irrigation season.

Another dispute which has been under investigation for the last couple of years deals with the administration of the lower end of Trinchera Creek. The dispute centers around a relatively senior water right (Seyfried water right, priority 32), which has been split

between two points of diversion and moved; one-half of the right moving upstream, one-half moving downstream. The decrees which moved this water right contain language which required measurements to be made at three locations. Our interpretation of the decrees, and the administration of the water right based on that interpretation, was contested by the owners of junior water rights who claimed our administration was a departure from historic practice and would cause injury to them. A meeting with the State Engineer and all involved parties was held in June 1994, to allow the parties to express their views on the issue. The parties were also allowed to submit written information to support their positions. After review of all the material submitted, a decision to support the administrative practice currently in place was issued by the State Engineer. On December 28, 1994, the Trinchera Irrigation Company, the party claiming to be injured in this matter, filed a complaint against the State with respect to how the Seyfried water right is administered. A hearing on the complaint before the Water Court is expected to take place in early 1995.

An interesting year-end water issue deals with Case No. 94CW39, filed by the U.S. Forest Service on December 23, 1994. This case is a filing by the Forest Service for an appropriative in-stream flow right. The stream involved in this case is East Middle Creek which is tributary to Saguache Creek in District 26. The creek is located at the headwaters of the drainage and lies entirely within the Rio Grande National Forest. It appears the Forest Service has filed this application as a test case to determine if anyone besides the Colorado Water Conservation Board can obtain an in-stream flow water right. This case is sure to attract a lot of attention from around the State as it moves through

## Water Court.

District 26 had an issue arise this year which took a considerable amount of time and will continue into the future. This issue dealt with the administration of the tributaries to Saguache Creek and the installation and maintenance of headgates and measuring flumes. After receiving complaints from water users in the District, several field inspections were conducted by the Alamosa office staff, along with the Water Commissioner and the users. The results of these inspections were very disturbing. Many of the structures on the mainstem were in disrepair and the majority of small ditches on the main tributaries had no structures on them at all. It appeared that other problems also existed with respect to the operation and control of existing structures. As a result of our finding, several meetings were held with the water users and a list of objectives was developed to address their concerns for better water administration. Foremost on the list was the installation and maintenance of structures to give the Water Commissioner the ability to control diversions from the streams. The water users have pledged their support to help us in any way possible to improve conditions on the system. Our goal is to ensure that the system is administered in priority, in a fair and equitable manner.

The Saguache Creek Water Users Association brought another issue to our attention late in the year which could become one of the most volatile issues of the decade in Division III. The users on the lower end of Saguache Creek have long contended that the wells in that area have a significant impact on Saguache Creek and their ability to obtain their surface water rights. In a meeting with the State Engineer, the users inquired about the administration of wells and the promulgation of rules and regulations for the use

of ground water. While no one enjoys the thought of rules and regulations, this was not an idle inquiry. If this issue is seriously raised in the future, the impact on our office resources and on the groundwater users in the Valley would be significant. At the direction of the State Engineer, we will be taking a preliminary look at the Saguache Creek area and collecting baseline data to be able to answer some basic questions regarding the feasibility of regulating groundwater in that area.

Another groundwater area that we have been struggling with this year deals with decreed irrigation wells located on brush quarters, which have had little or no historic use. People are now trying to bring many of these quarters into full production. The position we have taken, and are actively pursuing, is that these wells can be put into production only if historic use can be shown by the owner. Absent any proof that the wells were used for their decreed purposes, we are considering that their use would be an expansion of the historic draft on the aquifer and would result in injury to other vested water rights. In December, a lawsuit was filed against our office over this issue. A hearing on the case will be held before the Water Court in early 1995.

An area which will undoubtedly get a great deal of attention in the coming year is the storage of direct flow surface water rights. At the present time, two ditches on the Rio Grande have such rights which allow them to reduce their headgate diversions and store water for use later in the irrigation season. The Conejos Water Conservancy District has a similar case pending in Water Court, and several other ditches on the mainstem of the Rio Grande plan on filing cases in Water Court for direct flow storage in 1995. These cases will raise a great many questions that will have to be addressed by our office and

the water users. Do these types of decrees expand the water rights? How is injury to junior water rights prevented? How are Compact deliveries affected? How are historic return flow patterns to the river maintained? These and other questions will take a great deal of time and resources to analyze. We have already had preliminary discussions with the parties who wish to file for these rights to try to alert them to the problem areas they will need to address in their applications. At the present time, it appears that some water users are against any further decrees of this type and plan on actively opposing any such applications in Water Court.

An issue that is going to take considerable time in 1995 centers on the listing of the Rio Grande Silvery Minnow as an endangered species by the U.S. Fish and Wildlife Service. While this specie is not present in Colorado, it is clear that any recovery plan which involves increased flows in the Rio Grande has the potential to affect Colorado under the Rio Grande Compact. To date, a critical habitat has been proposed and the economic analysis associated with that proposal is underway. A recovery team is being formed to draft the recovery plan and we are happy to report that representatives of the Rio Grande Compact Commission and other stakeholders along the river will be actively involved in the recovery plan effort. This will be an ongoing effort throughout 1995 and into 1996 before the recovery plan is finalized.

A last issue which came up near the end of 1994 concerns a study by the Bureau of Land Management (BLM). The BLM is starting to develop a management plan for the Rio Grande Corridor. The Rio Grande Corridor extends from just downstream at Las Saucos, Colorado, to just upstream of Espanola, New Mexico. The BLM has been directed

to study this area and develop a comprehensive management plan, including an Environmental Impact Statement which would evaluate alternatives. The scoping process for the study began near the end of 1994 with a series of public meetings in New Mexico and Colorado to obtain input on issues which should be addressed in the study. A major concern to Colorado would be the possibility of a recommendation for Wild and Scenic designation for the lower stretch of the Rio Grande in Colorado. Also, any management alternative which requires additional flows in the river or affects the timing of those flows could have serious impacts on water right owners and on our Compact administration and would have to be carefully analyzed.

**3. Involvement in the Water User Community**

In 1994 we continued to try to expand our involvement in the water user community. We regularly attended the monthly meetings of the Conejos Water Conservancy District and the quarterly meetings of the Rio Grande Water Conservation District. We also attended as many of the San Luis Valley Water Conservancy District meetings as possible.

In addition to these regular board meetings this past year, we participated in several meetings with the Saguache Creek Water Users Association dealing with their concerns on the system. We also tried to attend as many of the Rio Grande Water Users Association meetings as we were invited to.

We also kept involved by providing information to groups and the public through structured presentations. As an example, Dennis Felmlee spoke to various area realtors on two occasions this past year explaining the types of well permits being issued in the

Division and answering questions on the permitting process. In November, Steve Vandiver was a speaker at a symposium in Albuquerque, New Mexico, giving a Colorado perspective on downstream water issues. In December, Bob Plaska participated as a speaker at a meeting sponsored by the Conejos Water Conservancy District regarding water issues on the Conejos River. Earlier in the year Steve gave a presentation to various personnel of the Rio Grande Forest to help them understand Colorado Water Law.

In keeping with the goals of our long range plan, we are encouraging our water commissioners to attend water user meetings in their Districts. We are also striving to have one of our staff at every water conservancy and conservation district meeting, if possible.

**4. Water Issues Not Addressed**

Virtually all water issues that we were aware of which demanded attention were addressed at least in part during the year. Many of the items mentioned above in I.A.2., have not been completed and will be ongoing issues which will be addressed over a period of time. We intend to address all of these issues, but many are large and involved and will take some time to complete.

**5. Workload Changes/Administration/Personnel Changes**

The most significant personnel change which occurred in the Division III office in 1994 was the transfer of Sue Edling in April from Division III to the Division II office in Pueblo. Jerri Baker was hired as a temporary at that time and was hired in October as a permanent employee after going through the testing process.

Other personnel action in 1994 included the hiring of Joe McCann as a permanent part-time employee. Joe is the Deputy Commissioner in District 21, which covers the

Alamosa River and La Jara Creek drainages. Joe had worked as a temporary employee for the two years prior to his permanent employment. Joe has done an excellent job of performing his duties and we are very happy to welcome him to our Division as a permanent part of our staff.

This year also marked the end of Phase II of the Job Evaluation Project. We would like to extend special thanks to Steve Baer from our Division and Allen Berryman from Division I for their dedication and efforts in serving on the PDQ review panel for Water Commissioners, and to Jim Hall from Division I for serving on the Engineer Review Panel. The long hours they put in certainly helped to obtain what we believe to be a very satisfactory decision on the final placement of our commissioners and engineers.

One of the new administrative tasks which caused considerable frustration this year was the use of time sheets for all staff and the switch to a bi-weekly payroll for our permanent part-time commissioners. It seems that with each passing month, there were new questions of how activities should be coded and hours worked computed. Hopefully, we have gained enough experience to handle most of the common problems regarding timesheets and we anticipate next year will go more smoothly.

Associated with the reclassification process and timesheets was the issue of overtime pay for non-exempt employees. Prior to 1994, all of our employees were treated as exempt salaried personnel, except for temporaries. Starting in April 1994, all of the water commissioner and technician positions, as well as our clerical staff, switched to a non-exempt status. The ramification of this change was that any hours worked in a week beyond the normal 40-hour limit had to be paid at a rate of 1-1/2 times salary or



compensatory time had to be given at a rate of 1-1/2 times the extra hours worked. In the spring of 1994 a supplemental appropriation to pay for overtime hours was approved, but at a level below full funding. The allocation of funds made to Division III for the last six months of fiscal year 1994 allowed us to fund overtime at a level of 55 percent of the requested hours. This time period basically covered only May and June. Our total allocation for fiscal year 1995 also funded our overtime hours at 55 percent of the level requested. With the reclassification of our water commissioners and the subsequent pay increases that many received on January 1, 1995, we will have to reduce our allocation of overtime for the remainder of FY95 by 238 hours to remain within budget. A result of this reduction will, by necessity, be reduced administration during the spring runoff season. We see this under-funding as a continuing problem until sufficient funds can be obtained to pay for the actual hours needed to do the job.

A problem has been brewing for several years which we feel will finally have to be addressed in the very near future is the operating budget for the Division. For at least the last five years, the operating budget has been essentially the same. Some additional funds for water commissioner mileage was appropriated in fiscal year 1994 and we are very grateful for those dollars. However, the ever increasing costs of maintaining our offices and trying to provide the level of administration and public service we feel is required is severely straining our available resources. As office supplies, phone costs, postage and demands for increased water administration have increased, the budget to meet these costs and services has stayed the same. With the prevailing mood in the legislature to reduce government spending, it appears we will be forced to make some very difficult

choices in the very near future about how our resources are allocated, and what level of service we will be able to provide.

a. **Administration in District 20**

The administration in District 20 on the mainstem of the Rio Grande continues to consume the three Commissioners assigned to that area of the San Luis Valley. The administrative changes required by new decrees, particularly in regard to direct flow storage; the administration of the Closed Basin Project water; and Compact administration, all combine to make the administration of District 20 very complicated and very dynamic. The Commissioners in District 20 have done an excellent job in trying to learn a new approach to all of these issues and to be able to still accomplish good administration in that District.

b. **Hydrographic Records**

The contract with the Bureau of Reclamation on the Closed Basin Project was renewed in the fall of 1994 as discussed above and we will continue to commit staff to that contract. The contract provides for some additional work and we will have to plan accordingly to make sure that we meet the demands of the contract and still do our other work. The deadline requirements for publication of records continued to push our hydrographic staff. As more and more administrative responsibilities come up, it is more difficult to meet those deadlines; but we still continue to meet them as required.

c. **Workload Changes**

With issues like QA/QC, timesheets, and other programs that are injected into our normal workload, a constant revision of our priorities and workload is a

necessity. With our budget remaining constant and no new FTE's or man-months, the ability to do all the work required is very difficult and it requires very efficient and effective work by all involved. These changes are going to have to be prioritized at some point in the near future in order to eliminate some of the things that are being done in order to do the others well.

**B. Coming year - 1995**

**1. Key objectives and goals**

Key objectives and goals have been identified for the coming year. Many of those are the same as in past years and they are as follows:

a. Administer the Rio Grande Compact in a manner that ensures Colorado obligations are met under the Compact and that the entitlements of the Colorado users under the Compact are utilized fully. This is always a challenge in that the delivery obligation is on a calendar year basis and the ability to predict what is going to happen with the river and the conditions downstream is quite difficult.

b. Improve the quality of our hydrographic and diversion records each year by identifying areas that need improvement and work in those areas to ensure that we are always improving our records and the ability of the public to continue to depend upon them.

c. The efforts to coordinate with the water user groups and other agencies in many key areas will be undertaken at every opportunity. Issues such as endangered species, instream flows, special use permits, Compact administration and new decrees being granted by the Water Court requires that we work hand in hand with almost

every other affected agency and group to be able to accomplish what is required of us.

d. Operate the Division III office in a manner that allows us to stay within our budget.

e. We continue to train our staff so that they are able to do their job effectively and in a timely manner; to be able to absorb the additional work load and still maintain a personal life.

f. Employee training will be sought at every opportunity to ensure that our employees are trained to do their jobs and to allow them to experience other duties in which they may be interested, in order to be better and more well-informed employees.

g. Implementation of the Long Range Plan will take a great deal of planning and prioritization. The tasks that are required of the Division offices for 1995 will take time and a great deal of thought. Fitting those duties into our normal workload will be difficult. We intend to start that process at our spring meeting to ensure that they can be completed as the timelines require.

h. Successfully negotiate administrative plans for the Culebra Creek and Trinchera Creek basins.

**C. Major Activities Affecting Water Administration**

Our biggest concern is the impact of a limited budget and limited staff to accomplish the workload that is required. It is our opinion that some things are going to have to be let go in order to accomplish the higher priority items in our duties and we believe that water administration is one of the most important. Other things will have to fall behind that. The

issues of the Fair Labor Standards Act, the budgeting for that, and the amount of time that is allocated to the Division III office are of great concern in that we do not believe we are staffed at the level or have the time that is required for people to do their jobs well in Division III. This issue is very difficult on morale and faces us with a very difficult decision of how to do our job with the limited resources that we have.

The Endangered Species Act issues and the impact of the listings in 1994, and how we deal with those in the recovery plan in the future is going to take a great deal of time, education and understanding by the Division III staff, as well as the State Engineer. We need to be extremely careful in how the recovery plan is accomplished and implemented. This issue could well reach into Colorado and effect our water users and our administration.

The need for good structures on our diversions in the Division is of great importance. We continually strive to ensure that good structures are to be had, both headgates and measuring devices, and it is critical that we keep up with these issues. Because of some of the problems encountered in 1994, we will attempt to do a review of the structures in each of the Districts and ensure that they enable us to obtain good record.

Administrative issues and how water rights are administered will be reviewed throughout the year to ensure that timely and correct administration is being done in the Division.

II. WATER ADMINISTRATION DATA SUMMARIES

A. Transmountain Diversion Summary - Inflows/Outflows

1. TRANSMOUNTAIN DIVERSION SUMMARY - INFLOWS

		Recipient									
WD	ID	Name	Stream	10-Year Average		Current Year		Source			
				AF	Days	AF	Days	WD	ID	Stream	
20	N/A	Weminuche Pass Ditch	Weminuche	1,083	53	0	0	31	4,637	Rincon LaVaca	
20	N/A	Pine River	Weminuche	548	78	201	51	31	4,638	N.F. Los Pinos	
20	N/A	Williams Creek Squaw Pass	Squaw Creek	313	63	279	44	78	4,672	Williams Creek	
20	N/A	Tabor	Trib Clear Creek	892	145	634	157	62	774	Cebolla Creek	
20	N/A	Don LaFont #1 Ditch	Trib Red Mtn Creek	59	45	31	21	78	4,670	Trib Piedra River	
20	N/A	Don LaFont #2 Ditch	Trib Red Mtn Creek	279	92	344	87	78	4,671	Trib Piedra River	
20	N/A	Treasure Pass Ditch	S.F. Rio Grande	174	35	95	22	29	4,669	Wolf Creek	
26	N/A	Tarbell	Saguache Creek	151	26	207	75	28	4,656	Cochetopa Creek	

2. TRANSMOUNTAIN DIVERSION SUMMARY - OUTFLOWS

16	N/A	Hudson Branch Ditch	Huerfano	143	42	52	13	35	657	Medano
16	N/A	Medano Ditch	Huerfano	974	55	865	55	35	658	Medano

II. WATER ADMINISTRATION DATA SUMMARIES  
 B. Storage Water

RESERVOIR STORAGE SUMMARY  
IRRIGATION YEAR - 1994

<u>WD</u>	<u>ID</u>	<u>RESERVOIR NAME</u>	<u>SOURCE STREAM</u>	<u>MINIMUM</u>		<u>MAXIMUM</u>		<u>END OF YEAR</u>
				<u>AF</u>	<u>DATE</u>	<u>AF</u>	<u>DATE</u>	
20	3532	Beaver Park	Beaver Creek	3,230	8/29/94	4,492	4/24/94	3,786
20	3554	Rio Grande	Rio Grande	8,629	7/17/94	44,694	6/07/94	8,946
20	3558	Santa Maria	North Clear Creek	3,083	10/31/94	16,315	11/30/93	3,083
20	3536	Continental	North Clear Creek	871	11/01/93	10,310	5/30/94	3,148
21	3583	Terrace	Alamosa River	4,885	10/30/94	12,525	6/11/94	4,885
21	3582	La Jara	La Jara Creek	2,590	11/01/93	4,552	5/29/94	2,912
22	3574	Platoro	Conejos River	36,990	5/15/94	53,929	6/28/94	40,799
24	3576	Sanchez	Culebra Creek	34,697	11/01/93	50,002	6/24/94	34,847
35	3529	Mt. Home	Trinchera Creek	3,166	10/31/94	10,910	6/23/94	3,166
35	3530	Smith	Trinchera Creek	1,904	10/19/94	6,634	5/16/94	2,205

WATER ADMINISTRATION DATA SUMMARIES

C. WATER DIVERSIONS

WATER DIVERSION SUMMARY  
IRRIGATION YEAR -- 1994

WD	Structures Reporting			Others			To Irrigation				
	With Record	No Water Available	No Water Taken	No Information Available	Ditches and Reservoirs with No Record	Estimated Number of Water Commissioner Visits	Total Diversions -AF-	Total Diversions to Storage -AF-	Total Diversions -AF-	Number of Acres Irrigated	Average AF per Acre
20	333	42	44	27	160	8,353	653,586	32,841	571,134	299,816	1.90
21	91	0	7	2	21	4,014	155,942	5,695	133,574	53,480	2.50
22	129	0	17	9	81	5,242	277,052	11,741	267,988	88,863	3.02
24	75	0	12	9	6	2,827	96,389	19,903	76,156	29,098	2.62
25	71	4	35	40	44	991	47,154	0	45,255	17,438	2.60
26	64	76	30	16	108	1,024	27,028	0	27,028	15,405	1.75
27	38	14	6	3	20	1,095	11,792	0	11,792	5,047	2.34
35	90	2	58	12	45	4,273	84,525	7,487	58,908	29,867	1.97
<b>Totals</b>	<b>891</b>	<b>138</b>	<b>209</b>	<b>118</b>	<b>485</b>	<b>27,819</b>	<b>1,353,468</b>	<b>77,667</b>	<b>1,191,835</b>	<b>539,014</b>	



**WATER ADMINISTRATION DATA SUMMARIES**  
**D. WATER DIVERSION SUMMARIES TO VARIOUS USES**

WD	TRANS-MOUNTAIN OUTFLOW	TRANS-BASIN OUTFLOW	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	DOMESTIC & HOUSEHOLD	STOCK
20	0	17,782	6,738	189	0	954	2,883	232	160
21	0	0	0	0	40	0	0	0	0
22	0	0	1,351	0	0	0	0	7,713	0
24	0	0	271	0	59	0	0	0	0
25	0	0	0	1,899	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0
35	917	0	380	51	103	0	0	32	689
<b>Total</b>	<b>917</b>	<b>17,782</b>	<b>8,770</b>	<b>2,139</b>	<b>202</b>	<b>954</b>	<b>2,883</b>	<b>7,977</b>	<b>849</b>

WD	AUGMENTATION	EVAPORATION	GEOTHERMAL	SNOW- MAKING	MINIMUM STREAMFLOW	POWER GENERATION	WILDLIFE	RECHARGE	OTHER
20	3,784	62	0	0	0	724	10,808	10,301	25,923
21	10	0	0	0	0	0	0	0	0
22	539	0	0	0	0	0	0	0	0
24	57	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	691	0
35	281	0	0	0	0	0	0	710	0
<b>Total</b>	<b>4,671</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>724</b>	<b>10,808</b>	<b>11,702</b>	<b>25,923</b>

## II. WATER ADMINISTRATION DATA SUMMARIES

### E. RIVER CALLS

District	Most Senior Priority Curtailed	Most Junior Priority Served	Calling Right in Spring
20 Rio Grande	#166 Independent Ditch	#1903-61A Rio Grande Canal	#216A Rio Grande Canal
21 La Jara	#7 McCuniff Ditch	#1957-18 L.E. Shawcroft & Sons Ditch	#87 Coddington Ditch
21 Alamosa	#1 El Viejo Ditch	#100 Head Overflow No. 5	#1 El Viejo Ditch
22 Conejos	#1 Guadalupe Main	12/31/1974 Platoro Reservoir	#13 San Rafael Ditch
22 San Antonio	#7 Los Pinos Ditch	All Rights	#24 Rincones
24 Culebra	#33 Albert and Vigil Ditch	#1951-4 Lobato Ditch No. 1	#2 San Pedro Ditch
26 Saguache	#8 Russel Ditch No. 4	#48 Piquet Ditch	#14 Hearn Ditch
27 LaGarita	#4 Home Ditch 1	12/31/1988 Juan Trujillo Ditch	12/31/1987 Biedell Ditch No. 10
27 Carnero	#3 Holland Ditch	#69 Marcelino Martinez Waste Ditch	#21 Green Ditch No. 1
35 Upper Trinchera	#8 1/2 Trinchera Canal	#56 Hoffman Ditch	
35 Lower Trinchera	#32 Seyfried Stribling	#44 Beckwith Ditch	
35 Sangre de Cristo	#3 Sangre de Cristo Ditch	#70 Indian Creek Ditch	#70 Indian Creek Ditch
35 Ute	#15 South Bluff Ditch	#93 Fred Edder Ditch	

Because of the idiosyncrasies of the administration scheme in District 25, no such information could be obtained which made sense.

**II. WATER ADMINISTRATION DATA SUMMARIES**

**F. Compact Administration**

**1994 RIO GRANDE COMPACT REPORT**

**Preliminary Figures**

1. Adjusted Rio Grande Index ..... 539,300 a.f.  
    \*Adjusted Rio Grande Delivery ..... 131,990 a.f.  
    Required Rio Grande Delivery ..... 135,360 a.f.  
       (Less 5,000 a.f. per agreement)
  
2. Adjusted Combined Conejos Index ..... 350,200 a.f.  
    \*\*Adjusted Conejos Delivery ..... 154,600 a.f.  
    Required Conejos Delivery ..... 142,200 a.f.  
       (Less 5,000 a.f. per agreement)
  
3. \*\*\*Total Delivery at Lobatos ..... 286,590 a.f.  
    Total Required Delivery at Lobatos ..... 277,560 a.f.  
       [Less 10,000 af (See Compact)]  
    Margin ..... N/A  
    As a result of the spill at Elephant Butte Reservoir July 2, 1994, no  
    Compact obligation is required for 1994.

**4. Rio Grande Curtailment**

Delivery Target	% of Index	Estimated Curtailment of Ditches	% of Index
January 1 - March 13	100	January 1 - March 13	100
March 14 - December 31	0	March 14 - December 31	0

**5. Conejos Curtailment**

Delivery Target	% of Index	Estimated Curtailment of Ditches	% of Index
January 1 - March 31	100	January 1 - March 31	100
April 1 - April 14	99	April 1 - April 14 (stockwater)	99
April 15 - May 6	25	April 15 - April 28	0
May 7 - May 20	21	April 29 - May 6	10
May 21 - June 26	15	May 7 - May 12 (Flood	
June 27 - December 31	0	Evacuation)	0
		May 13 - December 31	0

\*Includes 2,480 a.f. of the creditable Closed Basin Project production.

\*\*Includes 15,770 a.f. of the creditable Closed Basin Project production.

\*\*\*Includes all the creditable Closed Basin Project production (18,250 a.f.)

III. OFFICE ADMINISTRATION AND WORKLOAD MEASURES  
 A. PERSONNEL

1994  
 DIVISION III

Office Staff

Steven E. Vandiver	Division Engineer Professional Engineer IV
Robert M. Plaska	Assistant Division Engineer Professional Engineer III
Jerri L. Baker	Administrative Assistant III
Patrick J. McDermott	Engineer-in-Training II
Craig Cotten	Engineer-in-Training II
Scott Veneman	Engr/Physical Science Tech II
Dennis Felmlee	Engr/Physical Science Tech II
Stanley Ditmars	Engr/Physical Science Tech I

Water Commissioners and Deputies

Steve Baer	Engr/Physical Science Tech III, District 20
Ben Cannon	Engr/Physical Science Tech II, District 20
Perry Alspaugh	Engr/Physical Science Tech II, Districts 20/27
Jim Sellers	Engr/Physical Science Tech II, District 21
Joe McCann	Engr/Physical Science Assistant II, District 21
Paul Clark	Engr/Physical Science Tech III, District 22
Jim Horton	Engr/Physical Science Tech II, District 22
Charlie Quintana	Engr/Physical Science Tech II, District 24
Art Rivale	Engr/Physical Science Tech I, District 25
Timothy Lovato	Engr/Physical Science Tech I, District 26
Wayne Williams	Engr/Physical Science Tech II, District 35

III. OFFICE ADMINISTRATION AND WORKLOAD MEASURES

B. ACTIVITY SUMMARY

WATER DIVISION III

1994 CALENDAR YEAR

ACTIVITY SUMMARY

<u>ACTIVITY</u>	<u>TOTALS</u>
Professional and Technical Staff	7.00
Clerical Staff	1.00
Water Commissioner FTE (Full/Part-Time)	4/5.5
Decreed Surface Rights	2,362
Surface Rights Administered (water diverted this year)	891
Number of Decreed Wells	7,212
Plans for Augmentation	2
Consultations with Referee	48
Water Court Appearances	26
Meetings with Water Users	294
Meetings to Resolve Water Related Disputes	104
Contacts to Give Public Assistance on Water Matters	30,187

III. OFFICE ADMINISTRATION AND WORKLOAD MEASURES

C. ACTIVITY SUMMARY

WATER DIVISION III

1993-94 FISCAL YEAR

ACTIVITY SUMMARY

<u>ACTIVITY</u>	<u>TOTALS</u>
Professional and Technical Staff	7.00
Clerical Staff	1.00
Water Commissioner FTE Assigned (Full/Part-time)	4/5.50
Decreed Surface Rights	*
Surface Rights Administered	*
Wells	*
Plans for Augmentation	1
Consultations with Referee	87
Water Court Appearances	44
Meetings with Water Users	241
Meetings to Resolve Water Related Disputes	153
Contacts to give Public Assistance on Water Matters	29,193

\*See Calendar Year Activity Summary

**APPENDIX A**  
**WATER COURT**  
**ACTIVITIES**

**1994**

WATER COURT, WATER DIVISION 3  
702 Fourth Street  
Alamosa, CO 81101

January 12, 1995

Mr. Steven Vandiver  
Division Engineer  
422 - 4th St.  
P. O. Box 269  
Alamosa, CO 81101

Dear Steve:

Enclosed please find information concerning the end of the calendar year.

Number of applications received from January 1, 1994, through December 31, 1994: 94CW1 through 94CW62.

Types of claims received from January 1, 1994, through December 31, 1994:

56 Wells  
3 springs  
4 recharge structures  
47 ditches  
6 canals  
1 pump diversion  
4 reservoirs  
1 pipeline  
1 instream flow  
18 creeks  
1 salvage project  
2 ditches w/9 priorities (9 count)  
1 ditch w/2 pts. of diversion (2 count)  
1 ditch w/4 diversions (4 count)  
1 ditch w/2 enlargements (3 count)  
160 TOTAL

Number of cases terminated from January 1, 1994, through December 31, 1994: 34.

Structures terminated from January 1, 1994, through December 31, 1994:

42 wells  
4 springs  
1 basin  
5 ditches  
1 drain



Mr. Steve Vandiver  
January 12, 1995  
Page 2

1 reservoir  
4 recharge structures  
1 Closed Basin Project  
3 structures  
1 diversion  
2 ditches w/9 priorities (9 count)  
1 ditch w/2 priorities (2 count)  
1 ditch w/3 priorities (3 count)  
77 TOTAL

The number of cases pending as of December 31, 1994, is 81.

I am enclosing the following additional information:

1. Report on cases by docket number, applicant, type of case, number of claims and type of claims.
2. Report on cases showing type of cases, case number and applicants.
3. Report for yearly statistics -- 1994.
4. Report for all cases. statistics through 1994.
5. Revised Report, 3 year average for all water courts.
6. Revised Report, 4 year average for all water courts.
7. Revised Report, 5 year average for all water courts.
8. Revised Report, Statistics for all Water Courts from FY 1969-70 through FY 1993-94.

If you have any questions concerning the tabulations and enclosures, please give me a call.

Sincerely,



Carol S. Redding  
Clerk of the Water Court  
Water Division 3

csr

Enclosures

Mr. Steve Vandiver  
January 12, 1995  
Page 3

xc: file  
Judge Robert W. Ogburn  
Referee George W. Woodard  
Referee Bill Martinez  
Judge John Kuenhold  
Ben Duarte  
Dennis Felmlee

<u>Case No.</u>	<u>Applicant</u>	<u>Type of Case</u>	<u>Number of Claims</u>	<u>Type of Claims</u>
94CW0001	Ellithorpe, Eric L.	WCHNG	1	well (1)
94CW0002	Hathorn, Shirley	WDILF	1	spring (1)
94CW0003	Rocky Mountain Bison, Inc.	WDILF	7	well (3) & recharge structures (4)
94CW0004	Terrace Irrigation Co.	WCHNG	3	ditch (1) & canal (2)
94CW0005	L Cross Ranch	WCHNG	9	ditch (2) w/9 pri (9)
94CW0006	Flying W Ranch	WCHNG	2	ditch w/2 pts. div. (2)
94CW0007	Lower La Garita Ranch and L Cross Ranch	WSURF	1	ditch (1)
94CW0008	L Cross Ranch	WSURF	4	ditch (4)
94CW0009	Davie, Rick and Ross	WCHNG	2	well (2)
94CW0010	Smith, Jerry W.	WAUGM	29	ditch (28) & well (1)
94CW0011	Dietrich, Lawrence E. & Wanda A.	WSURF	1	diversion (1)
94CW0012	Farm Credit Services	WCHNG	2	well (2)
94CW0013	Rio Grande Water Users Assn.	WDILF	6	canal (4) & ditch (2)
94CW0014	Evans, Donald J. & Janet L.	WSURF	1	ditch (1)
94CW0015	George Woodard Ranch Partnership	WCHNG	1	well (1)
94CW0016	George Woodard Ranch Partnership	WCHNG	2	well (2)
94CW0017	Caroline Hunt Trust Estate	WCHNG	8	well (8)
94CW0018	Wakasugi, Rodger & Jane S.	WCHNG	2	well (2)
94CW0019	Starr, Thomas & Virginia M.	WCHNG	2	well (2)
94CW0020	Grant, Bettie Kathryn	WCHNG	2	well (2)
94CW0021	Freel, Eugene W. & Beverly J., Shellabarger, Martin R. & Patricia A.	WCHNG	4	well (4)
94CW0022	V Heart Ranch	WCHNG	2	ditch (2)
94CW0023	Shillings, Clarence E. & Allene M.	WUNDR	3	well (3)
94CW0024	Sloan, Blaine	WUNDR	1	well (1)
94CW0025	Holden Farms	WCHNG	2	well (2)
94CW0026	united States of America	WUNDR	1	spring (1)
94CW0027	Brown, Mark	WCHNG	2	well (2)
94CW0028	Eastdale Mutual Ditch & Reservoir Co.	WDILF	1	ditch (1)
94CW0029	Kernen, Robert C.	WDILF	1	reservoir (1)
94CW0030	Jasper Association	WDILF	1	spring (1)
94CW0031	City of Creede, CO	WAUGM	5	well (2), pipeline (2), ditch (1)
94CW0032	Smith, Peter R.	WCHNG	4	ditch w/4 pts. of div (4)
94CW0033	Ellithorpe, Eric L.	WUNDR	3	well (3)
94CW0034	Ellithorpe, Eric L.	WCHNG	4	well (4)
94CW0035	Kirkpatrick, George W. & Dorothy V.	WINJC	2	well (2)

94CW0037	Cooley, Bill	WUNDR	3	well (3)
94CW0038	Cooley, Bill	WUNDR	3	well (3)
94CW0039	United States of America	WSURF	1	Instream Flow (1)
94CW0040	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0041	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0042	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0043	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0044	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0045	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0046	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0047	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0048	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0049	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0050	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0051	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0052	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0053	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0054	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0055	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0056	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0057	Colorado Water Conservation Board	WOTHR	1	creek (1)
94CW0058	Hill Land and Cattle Co.	WCHNG	2	ditch (2)
94CW0059	Rio Grande Water Conservation District	WDILF	1	salvage project (1)
94CW0060	The Trinchera Irr. Co.	WINJC	1	ditch (1)
94CW0061	Smith Peter T.	WSURF	2	creek ditch (2)
94CW0062	San Luis Valley Water Conservancy District	WAUGM	<u>6</u>	ditch (1), enlarge (2), & reservoir (3)
			160	(Total Claims Filed)

1995<sub>4</sub> FILINGS FOR WATER DIVISION 3 - BREAK-DOWN BY CASE TYPES

<u>Type of Case</u>	<u>Case No.</u>	<u>Applicant</u>
<u>WAUGM</u>	94CW0010	Smith, Jerry W.
	94CW0031	City of Creede, CO
	<u>94CW0062</u>	San Luis Valley Water Conservancy District
	3 (TOTAL)	
<u>WCHNG</u>	94CW0001	Ellithorpe, Eric L.
	94CW0004	Terrace Irrigation Co.
	94CW0005	L Cross Ranch
	94CW0006	Flying W Ranch
	94CW0009	Davie, Rick and Ross
	94CW0012	Farm Credit Services
	94CW0015	George Woodard Ranch Partnership
	94CW0016	George Woodard Ranch Partnership
	94CW0017	Caroline Hunt Trust Estate
	94CW0018	Wakasugi, Rodger & Jane S.
	94CW0019	Starr, Thomas & Virginia M.
	94CW0020	Grant, Bettie Kathryn
	94CW0021	Freel, Eugene W. & Beverly J., Shellabarger, Martin R. & Patricia A.
	94CW0022	V Heart Ranch
	94CW0025	Holden Farms
	94CW0027	Brown, Mark
	94CW0032	Smith, Peter R.
	94CW0034	Ellithorpe, Eric L.
	<u>94CW0058</u>	Hill Land and Cattle Co.
19 (TOTAL)		
<u>WDILF</u>	94CW0002	Hathorn, Shirley
	94CW0003	Rocky Mountain Bison, Inc.
	94CW0013	Rio Grande Water Users Assn.
	94CW0028	Eastdale Mutual Ditch & Reservoir Co.
	94CW0029	Kernen, Robert C.
	94CW0030	Jasper Association
	<u>94CW0059</u>	Rio Grande Water Conservation District
7 (TOTAL)		
<u>WINJC</u>	94CW0035	Kirkpatrick, George W. & Dorothy V.
	<u>94CW0060</u>	The Trinchera Irr. Co.
	2 (TOTAL)	

Type of Case

Case No.

Applicant

WOTHR

94CW0040 Colorado Water Conservation Board  
94CW0041 Colorado Water Conservation Board  
94CW0042 Colorado Water Conservation Board  
94CW0043 Colorado Water Conservation Board  
94CW0044 Colorado Water Conservation Board  
94CW0045 Colorado Water Conservation Board  
94CW0046 Colorado Water Conservation Board  
94CW0047 Colorado Water Conservation Board  
94CW0048 Colorado Water Conservation Board  
94CW0049 Colorado Water Conservation Board  
94CW0050 Colorado Water Conservation Board  
94CW0051 Colorado Water Conservation Board  
94CW0052 Colorado Water Conservation Board  
94CW0053 Colorado Water Conservation Board  
94CW0054 Colorado Water Conservation Board  
94CW0055 Colorado Water Conservation Board  
94CW0056 Colorado Water Conservation Board  
94CW0057 Colorado Water Conservation Board

18 (TOTAL)

WSURF

94CW0007 Lower La Garita Ranch and L Cross Ranch  
94CW0008 L Cross Ranch  
94CW0011 Dietrich, Lawrence E. & Wanda A.  
94CW0014 Evans, Donald J. & Janet L.  
94CW0039 United States of America  
94CW0061 Smith Peter T.

6 (TOTAL)

WUNDR

94CW0023 Shillings, Clarence E. & Allene M.  
94CW0024 Sloan, Blaine  
94CW0026 united States of America  
94CW0033 Ellithorpe, Eric L.  
94CW0036 Mason, James A. & Harriett L.  
94CW0037 Cooley, Bill  
94CW0038 Cooley, Bill

7 (TOTAL)

YEAR	CASES FILED	NUMBER OF WELLS	NUMBER STRUCTURES	CASES TERMINATED	STRUCTURES TERMINATED
1994					
January	02	1	1 spring	1	1 well
February	02	3	4 recharge structures, 1 ditch & 2 canals	4	3 wells & 1 spring
March	01	-	2 ditches w/9 priorities (4)	3	20 wells and 1 basin
April	01	-	1 ditch w/2 pts. of diversion(?)	3	2 ditches & 1 well
May	03	2	5 ditches	1	2 ditches
June	05	3	31 ditches, 1 pump diversion, 4 canals	0	0
July	0	0	0	12	12 wells, 2 springs, 1 drain, 1 reservoir, 4 recharge structures, and 1 ditch (4, 1, 1, 2)
August	2	3	--	4	1 Closed Basin Project, 3 Structures, 1 spring & 1 well
September	5	18	--	2	2 ditches w/9 priorities; 1 ditch w/2 priorities = 11 total
October	5	6	2 ditches and 1 spring	2	2 wells and 1 diversion
November	6	4	3 ditches, 1 reservoir, 1 spring 1 pipeline and 1 ditch w/4 diversions (Total: 10)	0	-0-
December	30	16	1 instream flow, 18 creek, 1 salvage project, 3 reservoirs, 5 ditches, 1 ditch w/2 enlarge (3) (Total Count: 31)	2	2 wells, 1 ditch w/3 priorities (3) (Total count: 5)
	62	56	3 springs, 4 recharge structures, 47 ditches, 6 canals, 1 pump diversion, 4 reservoir, 1 pipeline, 1 instream flow, 18 creeks, salvage project, 2 ditches w/9 priorities(4), 1 ditch w/2 pts of diversion (2), 1 ditch w/4 diversions (4) and 1 ditch w/2 enlargements (3) TOTAL COUNT: 104		42 wells, 4 springs, 1 basin, 5 ditches, 1 drain, 1 reservoir, 4 recharge structures, 1 Closed Basin Project, 3 structures, 1 diversion, 2 ditches w/9 prior. (9), 1 ditch w/2 priorities (2), and 1 ditch w/3 priorities (3). TOTAL COUNT: 77

REPORT 4  
 prepared by Carol Redding  
 1-11-95

WATER DIVISION NO. 3  
 ALABAMA COUNTY COURTHOUSE  
 ALABAMA, COLORADO 81101

XXXXXXXXXXXX  
 JUDGE OF THE WATER COURT

XXXXXXXXXXXX  
 CLERK OF THE WATER COURT

Year	Cases Filed	Number of Wells	Number of Structures	Quadrennials	Cases Terminated	Structures Terminated
1969						
December	02	02	--	--	--	--
1970						
January	--	--	--	--	--	--
February	01	01	--	01	--	--
March	03	02	05	--	01	--
April	03	08	--	--	--	--
May	05	08	03	--	--	--
June	04	06	01	--	--	--
July	04	06	01	--	--	--
August	01	02	--	--	--	--
September	11	22	--	--	--	--
October	05	06	06	--	--	--
November	06	08	--	--	--	--
December	10	14	07	--	--	--
1969 & 1970	55	85	23	01	01	--
TOTALS						



WATER DIVISION NO. 3  
ALAMOSA COUNTY COURTHOUSE  
ALAMOSA, COLORADO 81101

DONALD G. SMITH,  
JUDGE OF THE WATER COURT

CARLA R. GILLELAND,  
CLERK OF THE WATER COURT

	Cases Filed	Number of Wells	Number of Structures	Quadrennials	Cases Terminated	Structures Terminated
TOTALS	3378	11857	270	35	1453	4523 Wells 65 Other
12-31-74						

WATER DIVISION NO. 3  
ALABAMA COUNTY COURTHOUSE  
ALABAMA, COLORADO 81101

OSWALD G. SMITH,  
JUDGE OF THE WATER COURT

CARLA N. GILLELAND, Shawcroft  
CLERK OF THE WATER COURT

TOTALS	Cases Filed	Number of Wells	Number of Structures	Quadrennials	Cases Terminated	Structures Terminated
12-31-75	3532	12096	321	45	2512	7934 Wells 132 Other

WATER DIVISION 3  
 ALAMOSA COUNTY COURTHOUSE  
 ALAMOSA, COLORADO 81101

Robert H. Ogburn  
 JUDGE OF THE WATER COURT

CARLA R. SHAWCROFT  
 CLERK OF THE WATER COURT

TOTALS	Cases Filed	Number of Wells	Number of Structures	Quadrennials	Cases Terminated	Structures Terminated
12-31-76	3675	12343	385	48	3104	10,050 Wells 201 Other
12-31-77	3840	12542	438	59	3300	10,519 Wells 277 Others
12-31-78	3998	13863	520	87	3465	11,572 wells 300 others (not included are structures in the 73 cases re-opened ; 135 cases re-closed)
12-31-79	4097	14069	550	89	3781	12,220 Wells 357 Others (not included are structures in the 84 cases re-opened ; 145 cases re-closed)
12-31-80	4229	15430	594	included in #of wells & other structures	3921	12,715 Wells 402 others (not included are structure in the 179 cases re-opened ; 242 cases re-closed)
12-31-81	4427	15804	2106	"	4065	14002 wells, 445 others, (not included are structures in the 3 cases re-opened ; 3 cases re-closed)
12-31-82	4672	17475	3081	"	4185	14,161 wells, 523 others (does not include any structures in any re-opened re-closed cases)

WATER DIVISION 3  
ALABAMA COUNTY COURTHOUSE  
ALBUQUERQUE, NEW MEXICO

ROBERT W. DOBSON  
JUDGE OF THE WATER COURT

CAROL S. REDDING  
SOLICITOR GENERAL  
CLERK OF THE WATER COURT

YEAR TOTALS	Cases Filed	Number of Wells Structures	(includes quadrennials)	Cases Terminated	Structures Terminated
12-31-83	4768	18861	3145	4370 (this does not include reopened & reterminated cases and structures)	16,041 wells and 600 others (this does not include reopened and reterminated cases and structures)
12-31-84	4945	21581	3368	4534 (this does not include reopened & reterminated cases and structures)	17,034 wells & 731 others (this does not include reopened and reterminated cases & structures)
12-31-85	5023	21726	3475	4726 (this does not include reopened & reterminated cases & structures)	19,888 wells & 849 others (this does not include reopened and reterminated cases & structures)
12-31-86	5069	22554	3534	4881 (this does not include reopened & reterminated cases and structures)	20803 wells & 1110 others (this does not include reopened & reterminated cases & structures)
12-31-87	5127	22686	3629	5001 (this does not include reopened & reterminated cases & structures)	21,592 wells & 1,952 others (this does not include reopened & reterminated cases & structures)
12-31-88	5162	22847	3663	5087 (this does not include reopened & reterminated cases and structures)	22696 wells and 2167 others (this does not include reopened and reterminated cases and structures)
12-31-89	5214	22931	3765	5145 (this does not include reopened & reterminated cases and structures)	22780 wells and 2260 others (this does not include reopened and reterminated cases and structures)
12-31-90	5262	23165	3917	5196 (this does not include reopened & reterminated cases & structures)	22977 wells and 2315 others (this does not include reopened and reterminated cases & structures)
12-31-91	5297	23202	4083	5248 (this does not include reopened & reterminated cases & structures)	23080 wells and 2386 others (this does not include reopened and reterminated cases & structures)
12-31-92	5352	23287	4137	5284 (this does not include reopened & reterminated cases & structures)	No Longer reporting (wells did not balance) Omit from reporting

YEAR  
TOTALS

YEAR	CASES FILED	NUMBER OF WELLS	NUMBER STRUCTURES	CASES TERMINATED	STRUCTURES TERMINATED
12-31-93	5395	23347	4186	5342	No Longer reporting (wells did not balance) Omit from reporting
12-31-94	5457	23403	4290	5376	" "

STATISTICS FOR 3 YEARS FOR THE WATER COURTS SHOWING NUMBER OF CASES FILED, NUMBER OF CLAIMS & AVERAGE OF CLAIMS PER CASE

DIVISION NUMBER	FY: 91-92		FY: 92-93		FY: 93-94	
	CASES	AVG. CLAIMS PER CASE	CASES	AVG. CLAIMS PER CASE	CASES	AVG. CLAIMS PER CASE
1	164	8.14	172	6.67	208	11.03
2	77	4.22	88	5.15	83	7.70
3	44	4.48	48	2.92	36	3.53
4	165	2.67	256	2.14	240	1.73
5	353	4.15	339	2.94	325	3.09
6	87	4.94	121	2.10	135	3.62
7	75	2.96	95	1.48	112	1.94
	965	4413	1119	3681	1139	5187

	DIVISION 1		DIVISION 2		DIVISION 3		DIVISION 4		DIVISION 5		DIVISION 6		DIVISION 7	
	TOTAL CASES FILED FOR ABOVE FY'S	AVG. NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	TOTAL CASES FILED FOR ABOVE FY'S	AVG. NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	TOTAL CASES FILED FOR ABOVE FY'S	AVG. NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	TOTAL CASES FILED FOR ABOVE FY'S	AVG. NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	TOTAL CASES FILED FOR ABOVE FY'S	AVG. NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	TOTAL CASES FILED FOR ABOVE FY'S	AVG. NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	TOTAL CASES FILED FOR ABOVE FY'S	AVG. NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S
TOTAL CASES FILED FOR ABOVE FY'S	544	4.778	248	1.28	1417	464	661	1017	343	1173	580	282	2.06	
AVG. NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	8.78	3.63	3.63	3.63	3.63	3.63	3.41	3.41	3.42	3.42	3.42	3.42	3.42	

REPORT 6  
 prepared by Carol Pedding  
 1-11-95

STATISTICS FOR 4 YEARS FOR THE WATER COURTS SHOWING NUMBER OF CASES FILED, NUMBER OF CLAIMS & AVERAGE OF CLAIMS PER CASE

DIVISION NUMBER	FY-90-91		FY-91-92		FY-92-93		FY-93-94		AVG. CLAIMS PER CASE
	CASES	CLAIMS	CASES	CLAIMS	CASES	CLAIMS	CASES	CLAIMS	
1	158	957	164	1335	172	1148	208	2295	11.03
2	52	240	77	325	88	453	83	639	7.70
3	40	378	44	197	48	140	36	127	3.53
4	151	287	165	440	256	549	240	416	1.73
5	307	809	353	1464	339	996	325	1004	3.09
6	154	287	87	430	121	254	135	489	3.62
7	55	111	75	222	95	141	112	217	1.94
	917	3194	965	4413	1119	3681	1139	5187	

	DIVISION 1		DIVISION 2		DIVISION 3		DIVISION 4		DIVISION 5		DIVISION 6		DIVISION 7	
	CASES	CLAIMS	CASES	CLAIMS	CASES	CLAIMS	CASES	CLAIMS	CASES	CLAIMS	CASES	CLAIMS	CASES	CLAIMS
TOTAL CASES FILED FOR ABOVE FY'S	702	300	168	812	1324	497	337							
TOTAL CLAIMS FILED FOR ABOVE FY'S	5735	1657	842	1692	4273	1460	691							
AVERAGE NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	8.17	5.52	5.01	2.08	3.23	2.94	2.05							

Report 7  
 prepared by: Carol Redding  
 1-11-95

STATISTICS FOR 5 YEARS FOR THE WATER COURTS SHOWING NUMBER OF CASES FILED, NUMBER OF CLAIMS & AVERAGE OF CLAIMS PER CASE

DIVISION NUMBER	FY-89-90		FY-90-91		FY-91-92		FY-92-93		FY-93-94	
	CASES	AVG. CLAIMS PER CASE	CASES	AVG. CLAIMS PER CASE	CASES	AVG. CLAIMS PER CASE	CASES	AVG. CLAIMS PER CASE	CASES	AVG. CLAIMS PER CASE
1	264	3.83	158	6.06	164	8.14	172	6.67	208	11.03
2	82	7.80	52	4.62	77	4.22	88	5.15	83	7.70
3	53	3.30	40	9.45	44	4.48	48	2.92	36	3.53
4	203	1.71	151	1.86	165	2.67	256	2.14	240	1.73
5	331	5.68	307	2.64	353	4.15	339	2.94	325	3.09
6	157	2.24	154	1.86	87	4.94	121	2.10	135	3.62
7	120	2.21	55	2.02	75	2.96	95	1.48	112	1.94
	1210	4671	917	3194	965	4413	1119	3681	1139	5187

	DIVISION 1	DIVISION 2	DIVISION 3	DIVISION 4	DIVISION 5	DIVISION 6	DIVISION 7
TOTAL CASES FILED FOR ABOVE FY'S	966	382	221	1015	1655	654	457
TOTAL CLAIMS FILED FOR ABOVE FY'S	6747	2297	1017	2039	6154	1811	956
AVERAGE NUMBER OF CLAIMS PER CASE FOR ABOVE FY'S	6.98	6.01	4.60	2.01	3.72	2.77	2.09

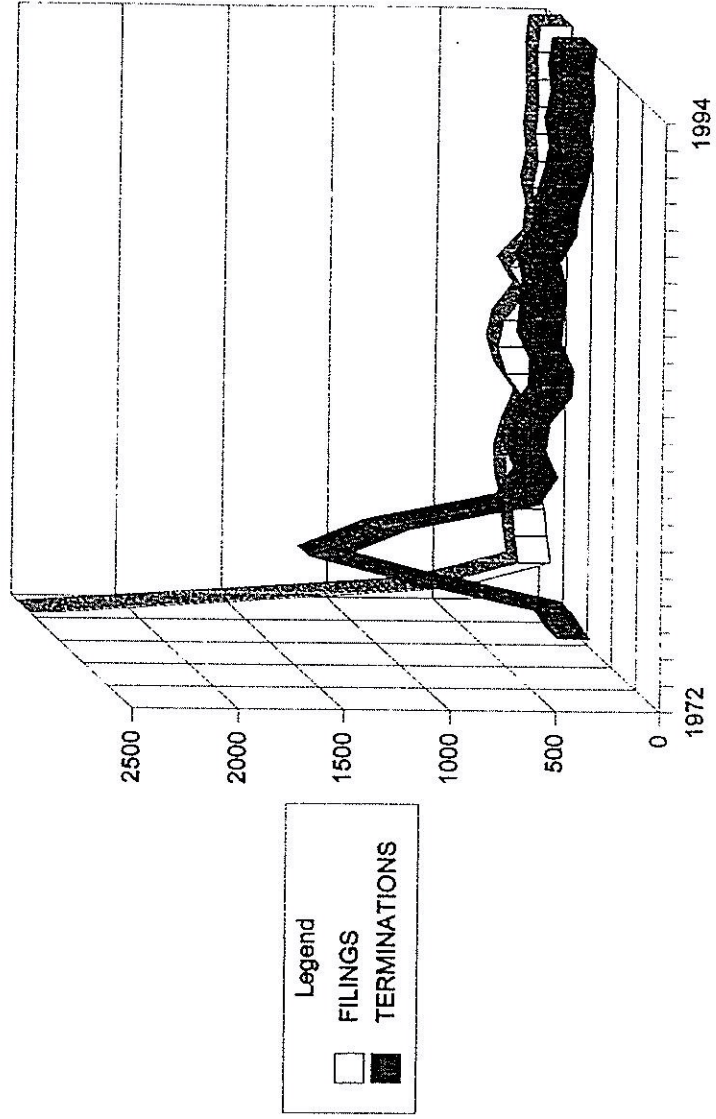


Report 8  
Prepared by: Carol Redding  
1-11-95

	<u>DIVISION 1</u>		<u>DIVISION 2</u>		<u>DIVISION 3</u>		<u>DIVISION 4</u>		<u>DIVISION 5</u>		<u>DIVISION 6</u>		<u>DIVISION 7</u>	
FY 1969-70	159	261	60	181	18	36	177	308	185	374	32	60	234	310
FY 1970-71	1133	2375	258	531	160	543	138	217	181	210	31	50	133	149
FY 1971-72	5645	13327	3251	7732	2433	9475	886	1598	1148	1804	213	486	498	575
FY 1972-73	492	1005	543	1984	583	1285	687	783	501	770	275	441	207	298
FY 1973-74	297	10888	156	2588	113	691	441	664	420	611	176	178	167	294
FY 1974-75	285	4121	148	366	133	223	382	889	379	622	154	164	131	170
FY 1975-76	329	885	212	908	140	235	188	215	486	317	170	259	114	249
FY 1976-77	363	1782	217	825	165	370	291	395	278	603	145	296	216	291
FY 1977-78	716	1579	268	1483	176	1290	330	681	478	789	305	368	135	201
FY 1978-79	450	6006	229	3771	139	307	380	582	377	673	161	246	140	343
FY 1979-80	399	1556	136	875	83	264	342	439	507	1063	238	430	194	299
FY 1980-81	520	1821	240	978	178	2109	449	613	453	1427	316	441	165	402
FY 1981-82	482	1456	241	2931	218	3290	327	711	500	1332	303	808	167	229
FY 1982-83	429	1262	185	747	192	726	397	691	481	1588	241	852	176	268
FY 1983-84	402	1450	141	884	92	3944	245	367	421	1335	220	686	167	275
FY 1984-85	608	4517	202	1235	171	323	531	1032	706	2222	217	561	245	628
FY 1985-86	471	1856	122	1139	51	118	227	566	672	1303	210	365	117	207
FY 1986-87	341	1476	114	537	38	1008	275	546	345	683	162	250	107	218
FY 1987-88	322	1490	95	522	65	249	254	432	501	1483	146	281	95	190
FY 1988-89	262	1057	79	451	40	99	226	434	362	989	208	440	94	162
FY 1989-90	264	1012	82	640	53	175	203	347	331	1881	157	351	120	265
FY 1990-91	158	957	52	240	40	378	151	412	307	809	154	287	55	111
FY 1991-92	164	1335	77	325	44	197	165	440	353	1464	87	430	75	222
FY 1992-93	172	1148	88	453	48	140	256	549	339	996	121	254	95	141
FY 1993-94	208	2295	83	639	36	127	240	416	325	1004	135	489	112	217
15071	66917	7279	32965	5409	27602	8188	14329	11036	26352	4577	9473	3959	6714	
	4.44	4.53	5.10	1.75	2.39	2.07	1.70							

# WATER COURT ACTIVITY

FISCAL YEARS 1971-1993



# WATER COURT

## CASE TYPES

- Legend
- WALGM
  - WCHNG
  - WDRLF
  - WINJC
  - WOTHR
  - WSURF
  - WUNDR

