

DIVISION IV - ANNUAL REPORT

Consultation Reports



Customer Service



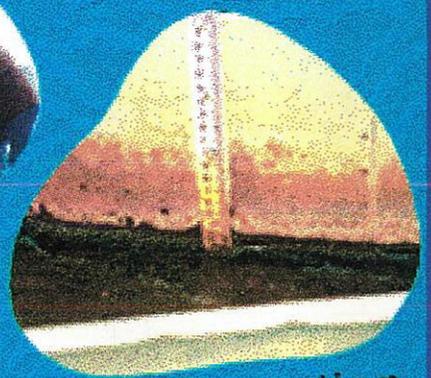
Water Rights  
Tabulation



Hydrographic  
Measurements



Field Work



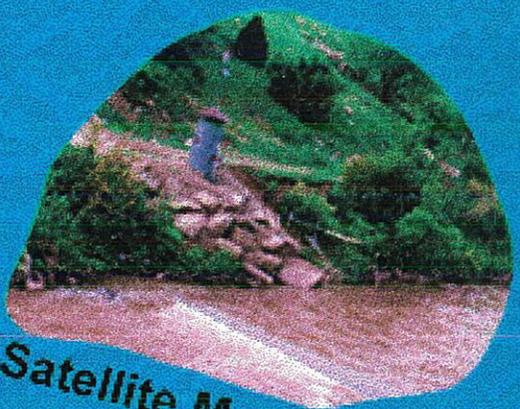
Administration



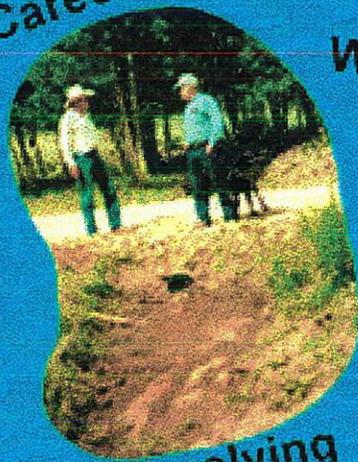
Career Options Student



Well Permitting



Satellite Monitoring



Resolving  
Issues



Dam Safety

1996

# STATE OF COLORADO

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**DIVISION OF WATER RESOURCES**  
**WATER DIVISION FOUR**  
Office of the State Engineer  
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Kenneth W. Knox  
Division Engineer

February 24, 1997

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, submitted herewith is the Annual Report for 1996.

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,

A handwritten signature in cursive script that reads 'Kenneth W. Knox'.

Kenneth W. Knox  
Division Engineer

KWK:jk  
Enc.

# INDEX

## CURRENT WATER YEAR

### ACCOMPLISHMENTS

|   | <u>Page</u> |
|---|-------------|
| Water Administration .....                      | 1-2         |
| Personal/Budget .....                           | 2-3         |
| Hydrography .....                               | 3           |
| Dam Safety .....                                | 4-5         |
| Groundwater .....                               | 5           |
| Records and Information .....                   | 6           |
| Special Projects .....                          | 6           |
| Water Rights Database .....                     | 7           |
| Quality Assurance/Quality Control (QA/QC) ..... | 7-8         |

### SIGNIFICANT WATER ISSUES

8-10

### INVOLVEMENT WITH THE COMMUNITY

10

## COMING WATER YEAR

### KEY OBJECTIVES

10-11

### INFLUENTIAL LAW CASE, STATUTES, PROJECTS

11-13

|   |       |
|---|-------|
| Overland Ditch and Reservoir Co. Decision ..... | 11-12 |
| House Bill 96-1044 .....                        | 12-13 |

|                                |       |
|--------------------------------|-------|
| TRANSMOUNTAIN DIVERSIONS ..... | 14    |
| STORAGE SUMMARIES .....        | 15-28 |
| WATER DIVERSIONS .....         | 29-31 |
| WATER COURT ACTIVITIES .....   | 32    |
| RIVER CALL .....               | 33-38 |

### OFFICE ADMINISTRATION & WORKLOAD MEASURES

39

## Current Water Year

### Accomplishments

#### Water Administration

Unpredictable weather and snowpack conditions continue in Western Colorado. Water availability in 1996 ranged from one pole to the other across the hydrologic spectrum, dependent upon location. In the Upper Gunnison Basin, US Highway 50 formed a recognized line of surplus versus drought. In Water Division IV, US Highway 50 begins at the Continental Divide at Monarch Pass and extends down the valley to Gunnison, Colorado. The highway parallels Blue Mesa Reservoir and continues in a westerly direction to Montrose, Colorado. At this juncture the highway turns to the northwest until reaching Grand Junction, Colorado. Mountains and streams north of US Highway 50 enjoyed repeated snowfall from strong Pacific weather fronts. Water supplies to diversions along the East and Taylor Rivers near Crested Butte, Colorado and all intermittent tributaries extending to Blue Mesa Reservoir north of the highway were sufficient to meet demands. Streamflow conditions south of Highway 50 were dramatically different. Snowfall and precipitation in mountains that provide water to Cochetopa and Tomichi Creeks were inadequate to meet full irrigation needs. Although separated by few miles in latitude and at the same elevation, water rights north of the highway enjoyed full supply while many of those south of the highway were curtailed in June.

The San Miguel River watershed experienced a severe drought. Comparison with historic streamflow gages indicate a near record low in total yield. Curtailment of vested water rights began early in June and extended through the remainder of the irrigation season. As often the case, hardship provided opportunities for creative solutions. Such a challenge arose in the climax of the summer. Grass hay is the predominant crop in the San Miguel River Basin. Lack of sustained streamflows and no measurable precipitation made crop yields marginal at best. With several weeks until harvest, the San Miguel watershed had expended its yield and could not satisfy the senior Colorado Cooperative Highline Canal water rights which serves several thousand acres of irrigable lands. Relief was available only through release of water stored in Trout Lake, located approximately 70 miles upstream at the San Miguel River headwaters. Upon contact with the owner(s) of the reservoir, Tri-State Generation and Transmission Association and Public Service Company of Colorado, we were able to negotiate a constant 10 cfs release over a three week interval. In assisting their neighbor water users, these two power generation entities provided crucial relief necessary for crop production without harming their respective hydropower generation interests in any way.

Water users on the south side of Grand Mesa took full advantage of an adequate to good water supply. Typical of historic practice, river administration which required curtailment began in late April. All irrigation reservoirs filled to capacity, and subsequently released stored waters to meet late season irrigation demands.

The Uncompahgre River required extensive administration and curtailment, both on tributary inflows and the mainstem. Diversion curtailment began on tributary streams in late March. The mainstem itself went on call in June and extended throughout the remainder of the irrigation season. Appreciation is extended to the Uncompahgre Valley Water Users Association (UVWUA) and Tri-County Water Conservation District for their assistance. They continue to collaborate with this office to manage the river in a timely manner that minimizes the amount and duration of upstream curtailment of junior water rights and their inherent use of water.



### Personnel/Budget

Sincere gratitude is extended to Division IV personnel for their dedication and creativity in service. This year Division IV received 4.0 additional months on a permanent allocation for groundwater well permitting. Appreciation is extended to the State Engineer and his staff for providing adequate money to implement the program and a corresponding annual operating budget to fund the new service.

Last year Water Division IV implemented a comprehensive reorganization to utilize the talents of senior water commissioners and delegate technical duties among a number of staff in attempt to provide direct support to the Division and Assistant Division Engineers. Upon critical review of the reorganization after a full year, it is deemed to be a resounding success. Senior Water Commissioners Jimmie Boyd, Crandall Howard, and Robert Starr are able to provide direct management expertise to the Division Engineer and serve as mentors to new staff. Commissioners Lynne Bixler and Steve Tuck provided invaluable technical assistance to the Assistant Division Engineer in the areas of data quality/review and coding of new water rights. Special recognition is extended to Mr. Tuck who successfully and accurately coded a single plan for augmentation granted to Telluride Ski Area which required a record number of 112 line entries into the water rights tabulation.

Division IV welcomed one new water commissioner in 1996. Tenured employee Walter "Bud" McDonald left DWR to retain full-time employment with the Department of Transportation. We were fortunate to recruit and retain the services of Mr. Carl Hurst. Carl is a highly qualified individual who performed water administrative duties in the Lake Fork of the Gunnison River (Water District

62) admirably. Last summer we again took advantage of the Youth in Natural Resources program. Ms. Anne Tobler provided many hours of valuable assistance to all staff in Montrose, with significant dedication to the groundwater well permitting area. We wish Anne well during her pursuit of higher education at the University level. For the first time our office took part in a student career/mentor program offered through Montrose High School. Senior Eric Mihalka worked approximately 8 hours per week on his own time to gain an understanding and appreciation of an agency involved with his desired course of collegiate study in hydrology. Eric spent most of his time providing assistance to the hydrographic and dam safety branches.

### Hydrography

Hydrographic records compiled in Division IV were submitted to the Chief Hydrographer in Denver for publication in Streamflow Data for Colorado 1995 Water Year. Six records were published, three of which were used in the 1996 annual diversion records; the AB Lateral and South Canal in Water District 41, and Redlands Power Canal in Water District 42.

Number of hydrographic streamflow measurements were again increased in the Upper Gunnison River Basin this year. As part of an ongoing program to increase water administration efficiency and service, over 500 letters of request to install Parshall Measuring Flumes were mailed to water users in the upper basin in November, 1995. Many of the users voluntarily complied with the letter and requested the representative water commissioners to rate and calibrate their newly installed flumes. Hydrographer Jerry Thrush made numerous excursions to the upper Gunnison and routinely measured as many structures per day as daylight allowed.

New construction this year entailed building a new gaging station on the Uncompahgre River immediately below Ridgway Reservoir in cooperation with USGS and Tri-County Water Conservation District.

The satellite monitoring system again proved invaluable in providing streamflow conditions necessary in accurate and timely water administration. The hydrographic staff is commended for keeping the system fully operational during critical times of spring runoff and irrigation season demands. Assistance was also obtained from the United States Geologic Survey who now provide their most current streamflow measurements and shift information to this office on a near real-time basis.

## Dam Safety

Quality dam safety inspections were performed on all scheduled dams in the 1-2-6 inspection time format by resident Dam Safety Engineer Jim Norfleet. Water commissioner expertise was again utilized in formal inspection of Class III dams and through continued observance of all dams within their water administrative purview. Their vigilance is quite beneficial by extending critical observation throughout the irrigation season for the entire division.

Major repair to six dams was accomplished. Repair of Vouga Dam located on Razor Creek, approximately 17 miles southeast of Gunnison, Colorado was the largest construction project. The dam was breached two years prior due to a failing outlet structure. Repairs included replacement of the outlet in conjunction with new construction of a drop inlet service spillway. Construction continued throughout the winter months, often in round-the-clock schedules. The outlet gate was closed on February 7, 1997 and the reservoir began conditional storage of its 920 af water right.

Comprehensive review of plans and specification for new structures and/or major repairs was performed on six dam structures. Mr. Norfleet's efforts are certainly appreciated. Review of the structural design in the field office results in approval of the best and safest structure within prevalent economic conditions. It also dramatically lessens the review time step and accommodates the adaptive need to address minor changes that inevitably occur during construction.



Enforcement actions also contributed to Dam Safety activities this year. In 1992 the State Engineer issued an order to restrict G & HS #2 Reservoir (184 AF) to zero storage for unsatisfactory structural integrity. Upon repeated bad faith promises and actions by the reservoir owner we sought assistance through the Attorney General's office to obtain an order to comply with the State Engineer's directive. On August 5, 1996 the Mesa County District Judge granted our motion and ordered the owner to comply with the State Engineer's restriction. Although we were prepared to initiate compliance with the State Engineer's and District Court orders through actual or physical work, the judicial and administrative actions propelled the owner to comply and drain the reservoir himself.

Progress continues in achieving dam safety program goals. Five hazard evaluations were completed in addition to four new comprehensive hydrology studies. Outlet inspections using the camera mounted inspection device (SLED) were performed on McKoon and Young's Creek #3 Reservoirs. The dams database maintained in Division IV is both current and complete.

## Groundwater

Beginning October 1, 1996 Division IV expanded upon its initial review and analysis of groundwater well permit applications to process final permits.

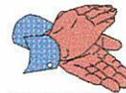
Implementation of the plan to decentralize well permitting approval to division offices has satisfied these DWR goals:

- ◇ To improve the service of well permitting by placing the processing of certain types of permits at locations that are more convenient to the permit customers.
- ◇ To provide no greater than 7-day turn-around on certain types of well permit applications.
- ◇ To improve our public image by providing local and prompt response to the public.
- ◇ To allow for effective and timely well permitting for those processes which remain centralized, by distributing a portion of the workload into certain Division offices.

In Division IV we process, approve, and issue well permits for exempt domestic, livestock, and household use only permits, late registrations, replacements, non-exempt household and domestic/livestock wells that are incorporated within an approved plan for augmentation or substitute supply plan, and change of locations. Giving authority and responsibility to issue final groundwater permits to Division IV has proven to be a rich achievement for two principle reasons:

1. The public receives courteous information and assistance without delay. Further, by providing the forum\ability for a client to have personal interaction with a State employee, it lessens public perception of agency bureaucracy and shifts DWR's connotation toward sincerity and servitude.
2. Turn-around time for the typical exempt well permit is 2 days. It is not uncommon for a client to receive same-day service.

Commissioner LuAnn Beasley is commended for her dedication and perseverance in implementation of this program.





## Records and Information

Annual diversion records and reservoir reports for Water Year 1996 were timely completed. Assistant Division Engineer Wayne Schieldt continues to strive toward obtaining the highest quality of final records. Our program is designed to foster continual discussion with representative water commissioners to 1) identify those 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(s) in conformance with the adjudicated water right, and 4) reclassify and adjust coding for those structures no longer active.

Significant progress continues in our computer/electronic capabilities. This fall we were included within the DWR Wide Area Network (WAN) and now have access to the Internet in the Montrose, Cedaredge, and Grand Junction offices. These services provide unparalleled opportunities in data acquisition and enhanced communication.

## Special Projects

### Ridgway Reservoir and Uncompahgre River Accounting Spreadsheet:

Active water administration and curtailment of water rights on the mainstem of the Uncompahgre River and its tributaries continues to escalate in both duration and “depth” of river calls. Compounding the complexity of daily river management is the release of water from multiple storage accounts in Ridgway Reservoir. To ensure accurate and timely distribution of available waters it was necessary to develop a comprehensive accounting spreadsheet. Said Ridgway Reservoir and Uncompahgre River spreadsheet was composed this year. The accounting is based upon a daily timestep and assigns tributary inflows against specific reservoir storage priorities and/or as pass through releases to satisfy streamflow demands by a senior vested water right(s) downstream. Reservoir releases made in excess of tributary inflows are credited against accounts held for exchange, municipal, and irrigation. In addition to providing a daily record, the spreadsheet provides planning and proactive river management capabilities. Through coordination with UVWUA and Tri-County Water Conservation District we are able to forecast demands through the end of the irrigation season and deplete available storage accounts in a manner that satisfies senior water right demands with minimal curtailment of upstream junior diversions.

## Water Right Database

Assistant Division Engineer Wayne Schieldt worked extensively with Leah Lewis to establish a protocol which converts water right files through the Access program for assimilation within DWR's relational database management system referred to as Hydrobase. Water District 41 was used as the test district. Results of the test proved conducive for three reasons:

1. The process verified Access is viable as a conversion program.
2. It established the ability to convert existing water rights files to a relational database.
3. Product certification was achieved by composition of a new water rights report that corresponds to our existing versions in familiarity, but incorporates the advantages obtained in relational data management.

Mr. Schieldt is continuing development in this area by working with Jean Van Loan to develop criteria and standardized rules for converting all remaining water districts in the state into Hydrobase.

## Water Officials Association



Division IV hosted the annual Water Officials Association meeting this year in Crested Butte, Colorado. Theme for the meeting was "The Changing Times of Colorado Water". Intent of the program was to target how water administration has evolved over time, discuss issues presently before us, and to pause and consider what future demands may entail. Presentations were given by top water officials and leading water attorneys in the state. Two panel discussions were especially well received. First, four water commissioners considered past and present responsibilities specific to water commissioners. The second included a panel of water users which represented agricultural, municipal, and recreational interests. Focus of their dialogue was based upon the value they place in water officials and how they envision "proper" water administration from their unique positions. Review of the post-meeting evaluations indicate participants found the meeting content to be informative and thought provoking.

## Quality Assurance/Quality Control

Data review and correction for historic (1975-present) annual reservoir reports has been completed. This effort concludes the comprehensive data quality checking and correction process that first targeted annual diversion records. In pursuit of continual data improvement, the Assistant Division Engineer initiated a similar quality assessment program for water rights in our tabulation. We

anticipate continued dedication of winter-time work using all full-time commissioners and two part-time staff toward this effort as time and river conditions permit.

## **SIGNIFICANT WATER ISSUES**

### Town of Norwood Versus Farmers Water Development Company

For many years the Town of Norwood has been in dispute with FWDCo. (mutual ditch and reservoir company) over interpretation and administration of water rights under partial ownership by both entities. Change in representative political appointments in conjunction with expansive growth as a bedroom community of Telluride, Colorado escalated the dispute into bitter confrontation between both parties. In an attempt to reach an equitable resolution, board members and their respective legal counsel from both entities requested the Division Engineer to serve as formal mediator and render a decision.

Central to the argument is an irrigation water right that was formally held by FWDCo., referred to as Naturita Canal, Priority #214. This water right was condemned by Norwood in 1936 and awarded a change of use to include domestic use within the town. Issues pertaining to this water right which required resolution include:

1. Source of supply. The location described in the decree is ambiguous. It only described a general location in reference to an existing dam structure. Norwood initially took the position that it was entitled to all tributary inflows above the described point of diversion.
2. Priority of the water right. Town of Norwood asserted that its municipal use conveyed a privilege or superiority over all other irrigation water rights, regardless of adjudication and appropriation dates.
3. Relationship with other judicial actions. Consistent with other municipalities, Norwood retains many other water rights with different points of diversion and multiple priority dates in its water supply portfolio. These other water rights include shares in Gurley Reservoir, surface water, and groundwater diversions. Language contained in these other decrees specifically conditions groundwater diversions upon relinquishment of Priority #214 water when diverting through Norwood's infiltration galleries.

To understand the issues completely and to render a sagacious decision we undertook the following actions:

- a. Conducted several public meetings in Norwood, Colorado to gather all relevant public information and allow private citizens the opportunity to voice their concern.

- b. Performed an initial and second comprehensive interview with both the Towns' Public Works manager and the Gurley System ditchrider to gain first-hand knowledge of their respective operations and infrastructure. Special attention was directed toward design of new operations that would promote efficiency for each supply system while helping the other, as well as other water rights in this drainage.
- c. Held several similar interviews with Norwood's mayor, board members from both sides, and their attorneys for the same purpose.
- d. Conducted two on-site inspections to personally witness the entire system from Gurley Reservoir through the Town's water supply treatment facilities.
- e. Analyzed every water right associated with the two parties, including all surface, groundwater, and reservoir storage rights, in context of their individual merit and in perspective of the entire system.
- f. Reviewed court testimony dating back to 1895, ditch plat and reservoir maps and historic documents that describe Gurley System and Norwood operations.

Upon review and analysis of the information, an administrative report and decision was issued November 12, 1996. Both parties were given opportunity to provide new evidence and to hear grievances. No information was tendered and both parties received the decision with mutual consent and agreement.

#### Ditch Bill (Public Law 99-545)

In attempt to protect the continued use of water resources in Colorado, this office served as the central point of information distribution in regard to the federal action commonly referred to as the Ditch Bill. Succinctly, the Ditch Bill provides water users with one option of securing a permanent easement from the United States Forest Service for ditches, reservoirs, pipelines, and other water conveyance structures located on Forest Service lands. The choice to seek a Ditch Bill easement is fraught with complexities. Earlier Congressional actions in 1866 and 1891 may provide superior benefits to the individual water user and inherent structures.

To accomplish our goal of assisting all affected water right owners in reaching the best and most informed decision possible, we provided necessary documentation that included maps detailing land reservation boundaries and dates, court decrees, historic diversion records and reservoir reports, ditch plat maps, and structural documentation contained in our dam safety files. Two informational meetings were held to share information and specific concerns in Hotchkiss and Montrose, Colorado. State Representative Steve Aquafresca co-sponsored the meetings with this office. We employed a panel discussion format with leading authorities in this subject, followed by questions and comments from the audience.

## **INVOLVEMENT WITH THE COMMUNITY**

Division IV continues in its role as an active leader within the water user community and the general public. We routinely attend invitations to regularly scheduled meetings held by mutual ditch companies, water user associations, and conservation districts within the Gunnison and San Miguel River Basins. Division personnel continue to meet with county commissioners and local planning departments to foster a conducive and open working relationship. Presentations are given on specific topics to applicable forums or special interest groups upon request (example: impacts of the "Cluster Bill - HB 1364 to Telluride Realtors). Individual contact and assistance by water commissioners to local water users is continuous throughout their daily activities and forms the foundation of our public service.

## **COMING WATER YEAR**

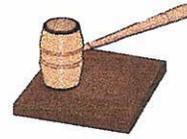
### **KEY OBJECTIVES**

Quality of effective service to the public rests upon the competency and attitude of DWR personnel. Continuous effort will be made to create a positive and supportive work environment which provides new training and career opportunities to every employee.

Development of a Gunnison River and Aspinall Reservoir Unit accounting spreadsheet is anticipated to begin summer, 1997. This accounting will be on a daily time step and classify water according to different types of water stored in the Aspinall Unit (Crystal, Morrow Point, and Blue Mesa Reservoirs) and against appropriate filling priorities. It will also track the "1975 Exchange" water with Taylor Park Reservoir and all releases designated for protection of endangered fish species and habitat preservation.

Hydrographic duties will continue to expand by aiding the public in site selection and calibration of Parshall Measuring Flumes. Staff will continue to schedule and perform streamflow measurements throughout Division IV to provide the highest quality streamflow information. Discharge shifts will be timely updated and satellite monitoring system maintained to provide continued water administrative accuracy.

Dam Safety will continue to be service oriented. The Dam Safety Engineer has increased reservoir owner education and confidence in the State Engineer's Office by assisting dam owners in the review of plans submitted for repair of dam structures or operating facilities and visual inspection of outlets using the SLED device.



Overland Ditch and Reservoir Company v. United States Forest Service

United States District Court Judge Edward W. Nottingham rendered his decision on December 16, 1996 which negates, under certain conditions, the federal governments' authority to infringe upon a ditch and reservoir company's right-of-way through Special Use Permits.

For foundation, water is diverted into the Overland Ditch from several creeks located within the Gunnison National Forest. The ditch and reservoir system is located on private, National Forest, and lands under stewardship of the Bureau of Land Management. Construction of the ditch and reservoir system began in 1893, approximately 12 years prior to reservation of lands designated to National Forest in 1905. Although the date of completion is in dispute, on March 7, 1921 the Department of Interior General Land Office approved a map detailing the ditch and reservoir system. On December 23, 1925 the Gunnison National Forest Ranger notified the forest supervisor that construction of the reservoir had been completed.

In 1946 Overland Ditch and Reservoir Co. sought to repair the existing dam and enlarge the structure to gain additional storage capacity. In compliance with an approved 1949 Special Use Permit, Overland Reservoir was repaired and enlarged by 2120 acre-feet.

Contention arose in 1986 when Overland proposed a rehabilitation project to the existing dam structure in attempt to regain lost storage capacity imposed by a reservoir restriction order issued by the State Engineer. The Forest Service required a new Special Use Permit for construction activities under the Federal Land Policy Management Act of 1976 (FLPMA). *Approval of the permit was conditioned upon a continuous bypass flow of 2.0 cfs.*

In an action to quiet title through a Motion for Summary Judgment, Overland sought easement confirmation for a portion of the ditch under the 1866 Act; easement rights for the remainder of the system under the 1891 Act; and challenged the validity of the 1986 FLPMA authorization and inherent Special Use Permit. Judge Nottingham denied Overlands' first petition based upon two requirements of the 1866 act: 1) possession of vested water rights and 2) complete construction of the ditch. Although the federal court recognized water rights reports compiled by the SEO which confirmed initiation of construction in 1893,

no evidence was presented which established *completion* of the ditch by the reservation date in 1905.

As to the second petition, the federal judge explained “[R]ights of way under the 1891 Act attach in only two ways: (1) by construction of a ditch or reservoir; and (2) by the approval of maps filed thereunder.” (ref. CA 96N797, page 20, paragraph 1). The court found construction of the ditch and reservoir system is recognized as a means to secure a right-of-way. Overlands’ motion for summary judgment in regard to its claimed 1891 Act easement was granted.

The third component, challenge of FLPMA and Special Use Permits, proved to be the most intriguing portion of Judge Nottingham’s decision. He provided cogent interpretation of FLPMA authority in relation to the 1866, 1891, and other Congressional right-of-way or easements actions by finding “[t]he FLPMA expressly excludes from its coverage rights-of-way granted before October 21, 1976” (ref. Page 21, paragraph 3). In consistency with his preceding decision that the reservoir was entitled to 1891 Act protection, he declared the 1986 FLPMA easement *void*.

There appears to be two key principles that may be derived from this federal case:

1. If a vested water right has an appropriation date prior to the reservation date of National Forest lands, it is entitled to provisions contained in the 1866 or 1891 Acts. Further, Overland Reservoir was enlarged between the reservation date and enactment of FLPMA and the court extended coverage under the 1891 Act to this supplemental water right. Inclusion of the junior decree within 1891 Act provisions indicates the Ditch Bill (PL 99-545) easement may be punitive to structures which have a pre-reservation date priority and supplemental or junior decree enlargements.
2. For water rights/structures covered by the 1866 or 1891 Acts, the Forest Service cannot impose bypass flow requirements. Overland Reservoir is no longer bound to bypass the 2.0 cfs required in the 1986 Special Use Permit.

House Bill 96-1044

This legislative action is viewed as a positive step toward public service in groundwater administration and well permitting. The Bill contained three central issues:

1. It removed statutory reference to groundwater contained within the Dakota aquifer. It is specific to only groundwater that is considered to be tributary. In Water Division IV, the Dakota aquifer/formation is found generally in the upper Uncompahgre River Basin near Ridgway, Colorado and in small areas on the south side of the Grand Mesa. Affect of this legislation will ease groundwater well permit applications by subjecting these wells to the same statutory and policy criteria employed for other exempt and non-exempt well permits.
2. The requirement that a new underground water right or change of underground water right court application (which involves construction of a well) could not be heard by the water court referee or judge unless the structure had either a valid well permit, denied well permit, or evidence of inactivity by the State Engineer's Office no longer applies. It is now necessary for presumptive Findings of Fact to be included in the consultation report filed by the Division Engineer. This change prevents the previous well permit review process that expeditiously denied a well permit application so the court could hear the case, insert appropriate terms and conditions to protect senior vested water rights, issue a decree, and then complete the circuitous routine by approving a "reapplied well permit application" pursuant to the decree.
3. The third component is a statutory provision that gives an applicant who is seeking to adjudicate a groundwater well an additional notice option. If someone is proposing construction of a non-exempt well that is located within 600 feet of other existing wells, they may obviate the hearing requirement before the State Engineer if they give notice of their water court application, by registered or certified mail, to all well owners within a 600 ft radius. Notice, or the mailing, must be made at least 10 days prior to filing the groundwater application in court.



**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 | 267.0  | 80.0   | 219.0 | 101  | 30 | 4660 | Animas R |
| 68                       | N/A | Mineral Pt D  | Uncompahgre | 200.0  | 57.0   | 465.0 | 49   | 30 | 4661 | Animas R |
| 68                       | N/A | Red Mountain  | Uncompahgre | 62.0   | 40.0   | 17.0  | 25   | 30 | 4662 | Animas R |
| 40                       | N/A | Leon Lk Tunl  | Surface Cr  | 1428.0 | 66.0   | 2252. | 116  | 72 | 4520 | Leon Cr  |

**B. TRANSMOUNTAIN DIVERSION SUMMARY--OUTFLOWS**

|    |     |               |             |        |       |        |     |    |      |           |
|----|-----|---------------|-------------|--------|-------|--------|-----|----|------|-----------|
| 17 | N/A | Larkspur D    | Arkansas R  | 117    | 79.0  | 56     | 93  | 28 | 4655 | Tomichi C |
| 26 | N/A | Tarbell D     | Saguache Cr | 177    | 35.0  | 368    | 100 | 28 | 4656 | Cochetopa |
| 20 | N/A | Tabor         | Clear Cr    | 781    | 147.0 | 367    | 165 | 62 | 774  | Cebolla C |
| 45 | 577 | Divide C Hi   | Divide Cr   | *1260  | 42.0  | 1391   | 42  | 40 | 4657 | Cl Fk Mud |
| 72 | N/A | City Pipeline | Colorado R  | *1873  | 361.0 | 4557   |     | 42 | 4710 | Kannah Cr |
|    |     |               |             |        |       |        | 366 |    |      |           |
| 72 | N/A | Hollenbeck R  | Colorado R  | *4333  | 362.0 | 5587   | 364 | 42 | 3618 | Kannah Cr |
| 72 | N/A | Redlands Can  | Colorado R  | 528859 | 354.0 | 560206 | 347 | 42 | 4713 | Gunnison  |
| 72 | N/A | Fruita Pl     | Colorado R  |        |       | ***    | *** |    | 4712 | East Cr   |

\*NIA for 10 year average (based on 7-10 years)

\*\*Days average based on past 2 years

\*\*\*An undetermined amount of water taken for some stock and possibly irrigation in an unknown number of days

\*\*\*\*Previously listed as New City PL

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |                |        |          |         |          |         |
|-------------------|------|----------------|----------------|--------|----------|---------|----------|---------|
| MINIMUM           |      |                |                |        | MAXIMUM  |         |          |         |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM  | AF     | DATE     | AF      | DATE     | END YR  |
| 28                | 3590 | Hot Sprgs R    | Hot Springs Cr | 51.00  | 10/31/96 | 603.00  | 06/28/96 | 51.00   |
| 28                | 3591 | McDonough #1   | Los Pinos Cr   | 36.00  | 10/31/96 | 805.00  | 07/10/96 | 36.00   |
| 28                | 3592 | McDonough #2   | Los Pinos Cr   | 20.00  | 10/31/96 | 887.00  | 07/05/96 | 20.00   |
| 28                | 3593 | Needle Creek   | Needle Cr      | 38.50  | 10/31/96 | 747.00  | 06/30/96 | 38.50   |
| 28                | 3594 | Upper Dome R   | Cochetopa Cr   | 880.00 | 11/01/95 | 880.00  | 06/01/96 | 880.00  |
| 28                | 3595 | Vouga Res      | Razor Cr       | 0.00   | 11/01/95 | 0.00    | 10/31/96 | 0.00    |
| 40                | 3412 | Ault Res       | Muddy Cr       | 0.00   | 11/01/95 | 116.00  | 06/04/96 | 58.00   |
| 40                | 3414 | East Beckwith  | Anthracite     | 248.90 | 08/12/96 | 368.00  | 11/01/95 | 305.00  |
| 40                | 3413 | Bruce Park Res | Hubbard Cr     | 0.00   | 11/01/95 | 535.00  | 07/02/96 | 0.00    |
| 40                | 3399 | Overland Res 1 | Muddy Cr       | 0.00   | 11/01/95 | 6198.00 | 06/08/96 | 0.00    |
| 40                | 3416 | Paonia Res     | Muddy Cr       | 1340.0 | 09/17/96 | 17461.0 | 05/16/96 | 1340.00 |
| 40                | 3417 | Spatafora Res  | Muddy Cr       | 25.00  | 08/20/96 | 100.00  | 11/01/95 | 25.00   |
| 40                | 3418 | Tomahawk Res   | Muddy Cr       | 43.65  | 09/01/96 | 87.30   | 05/10/96 | 43.65   |
| 40                | 3419 | Williams Cr R  | Muddy Cr       | 50.00  | 09/01/96 | 100.00  | 11/01/95 | 50.00   |
| 40                | 3391 | Bald Mt Res    | Crystal Cr     | 0.00   | 11/01/95 | 120.00  | 07/30/96 | 0.00    |
| 40                | 3394 | Don Meek 1     | Crystal Cr     | 0.00   | 11/01/95 | 45.00   | 05/15/96 | 0.00    |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |               |        |          |         |          |         |
|-------------------|------|----------------|---------------|--------|----------|---------|----------|---------|
| MINIMUM           |      |                |               |        | MAXIMUM  |         |          |         |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM | AF     | DATE     | AF      | DATE     | END YR  |
| 40                | 3395 | Fruitland Res  | Crystal Cr    | 0.00   | 08/15/96 | 8887.20 | 05/20/96 | 192.40  |
| 40                | 3392 | Bottle Stomp R | Iron Cr       | 0.00   | 11/01/95 | 17.00   | 06/28/96 | 0.00    |
| 40                | 3553 | Crawford Res   | Iron Cr       | 3741.0 | 09/27/96 | 14013.0 | 06/11/96 | 4121.00 |
| 40                | 3397 | Meek Res       | Iron Cr       | 0.00   | 11/01/95 | 29.30   | 06/28/96 | 7.00    |
| 40                | 3401 | Rockwell 1 R   | Iron Cr       | 20.00  | 08/30/96 | 119.00  | 06/28/96 | 100.00  |
| 40                | 3403 | Tyler Res      | Iron Cr       | 40.00  | 11/01/95 | 169.30  | 07/24/96 | 45.00   |
| 40                | 3400 | Poison Spr Res | Gunnison R    | 70.00  | 11/01/95 | 123.00  | 06/27/96 | 80.00   |
| 40                | 3402 | Todd Res       | McDonald Cr   | 0.00   | 05/06/96 | 63.00   | 11/01/95 | 0.00    |
| 40                | 3420 | Bailey Res     | Leroux Cr     | 0.00   | 11/01/95 | 423.00  | 05/24/96 | 130.00  |
| 40                | 3421 | Brockman 1 R   | Leroux Cr     | 0.00   | 11/01/95 | 16.00   | 05/04/96 | 0.00    |
| 40                | 3422 | Brockman 2 R   | Leroux Cr     | 0.00   | 11/01/95 | 41.00   | 05/10/96 | 0.00    |
| 40                | 3423 | Carl Smith R   | Leroux Cr     | 316.00 | 11/01/95 | 780.00  | 04/30/96 | 470.00  |
| 40                | 3424 | Dog Fish Res   | Leroux Cr     | 0.00   | 11/01/95 | 243.00  | 05/24/96 | 0.00    |
| 40                | 3425 | Dowdy Res      | Leroux Cr     | 0.00   | 09/30/96 | 264.00  | 05/24/96 | 0.00    |
| 40                | 3426 | Ella Res       | Leroux Cr     | 0.00   | 11/01/95 | 98.00   | 05/20/96 | 0.00    |
| 40                | 3427 | Elk Wallows R  | Leroux Cr     | 0.00   | 11/01/95 | 218.00  | 05/29/96 | 0.00    |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |               |        |          |        |          |        |
|-------------------|------|----------------|---------------|--------|----------|--------|----------|--------|
| MINIMUM           |      |                |               |        | MAXIMUM  |        |          |        |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM | AF     | DATE     | AF     | DATE     | END YR |
| 40                | 3428 | Ellington Cook | Leroux Cr     | 0.00   | 11/01/95 | 24.50  | 05/24/96 | 0.00   |
| 40                | 3429 | Fairmont Park  | Leroux Cr     | 0.00   | 07/31/96 | 30.00  | 06/07/96 | 0.00   |
| 40                | 3430 | Fairmont Res   | Leroux Cr     | 0.00   | 11/01/95 | 78.00  | 05/20/96 | 0.00   |
| 40                | 3431 | Fisher Res     | Leroux Cr     | 0.00   | 11/01/95 | 10.00  | 05/10/96 | 10.00  |
| 40                | 3432 | Goodenough Res | Leroux Cr     | 0.00   | 11/01/95 | 405.00 | 06/07/96 | 0.00   |
| 40                | 3433 | Gray Res       | Leroux Cr     | 0.00   | 11/01/95 | 424.00 | 05/10/96 | 0.00   |
| 40                | 3435 | Hanson 2 Res   | Leroux Cr     | 0.00   | 11/01/95 | 225.00 | 05/10/96 | 0.00   |
| 40                | 3437 | Hunt Res       | Leroux Cr     | 5.00   | 11/01/95 | 124.00 | 05/06/96 | 10.00  |
| 40                | 3438 | Lucky Find Res | Leroux Cr     | 0.00   | 11/01/95 | 66.00  | 05/10/96 | 0.00   |
| 40                | 3439 | Miller Res     | Leroux Cr     | 0.00   | 11/01/95 | 20.40  | 05/20/96 | 0.00   |
| 40                | 3440 | Owens Res      | Leroux Cr     | 0.00   | 11/01/95 | 92.00  | 05/10/96 | 0.00   |
| 40                | 3441 | Patterson Res  | Leroux Cr     | 0.00   | 11/01/95 | 78.0   | 04/30/96 | 0.00   |
| 40                | 3442 | Patterson 2 R  | Leroux Cr     | 151.00 | 11/01/95 | 151.00 | 04/30/96 | 151.00 |
| 40                | 3443 | Pine Cone Res  | Leroux Cr     | 0.00   | 11/01/95 | 37.00  | 06/07/96 | 0.00   |
| 40                | 3444 | Reynolds Res   | Leroux Cr     | 29.60  | 11/01/95 | 176.00 | 05/04/96 | 37.90  |
| 40                | 3446 | Skim Milk      | Leroux Cr     | 25.00  | 11/01/95 | 90.00  | 05/10/96 | 46.90  |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |                |        |          |         |          |        |
|-------------------|------|----------------|----------------|--------|----------|---------|----------|--------|
| MINIMUM           |      |                |                |        | MAXIMUM  |         |          |        |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM  | AF     | DATE     | AF      | DATE     | END YR |
| 40                | 3447 | Wash Tub Res   | Leroux Cr      | 0.00   | 11/01/95 | 25.30   | 05/10/96 | 0.00   |
| 40                | 3448 | Water Bug R    | Leroux Cr      | 0.00   | 11/01/95 | 33.00   | 05/10/96 | 0.00   |
| 40                | 3449 | Willow Res     | Leroux Cr      | 20.00  | 11/01/95 | 128.00  | 05/24/96 | 25.00  |
| 40                | 3406 | Beaver Res     | Minn Cr        | 0.00   | 11/01/95 | 1106.00 | 05/21/96 | 0.00   |
| 40                | 3407 | Lone Cabin R   | Minn Cr        | 0.00   | 11/01/95 | 163.00  | 05/15/96 | 0.00   |
| 40                | 3408 | Monument Res   | Minn Cr        | 0.00   | 11/01/95 | 461.00  | 07/08/96 | 0.00   |
| 40                | 3410 | Roeber 2 Res   | Minn Cr        | 0.00   | 11/01/95 | 44.00   | 05/20/96 | 0.00   |
| 40                | 3411 | West Res       | Jay Cr         | 0.00   | 08/20/96 | 424.00  | 05/06/96 | 0.00   |
| 40                | 3714 | Lucas Cline R  | North Fork R   | 0.00   | 11/01/95 | 9.00    | 05/20/96 | 0.00   |
| 40                | 3409 | Reynolds Res   | Reynolds Cr    | 0.00   | 08/04/96 | 100.00  | 06/20/96 | 0.00   |
| 40                | 3436 | Holy Terror R  | Terror Cr      | 0.00   | 11/01/95 | 146.00  | 05/20/96 | 0.00   |
| 40                | 3445 | Rex Res        | Terror Cr      | 0.00   | 11/01/95 | 24.00   | 05/24/96 | 0.00   |
| 40                | 3300 | Alexander Lake | Ward Creek     | 0.00   | 09/01/96 | 157.00  | 11/01/95 | 0.00   |
| 40                | 3302 | Barren Lake    | Kiser Cr       | 156.66 | 10/01/96 | 800.00  | 11/01/95 | 156.66 |
| 40                | 3450 | Basin #1       | Dirty George C | 0.00   | 11/01/95 | 194.80  | 06/03/96 | 0.00   |
| 40                | 3451 | Basin #2       | Dirty George C | 0.00   | 11/01/95 | 27.40   | 06/30/96 | 0.00   |

RESERVOIR STORAGE SUMMARY  
IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                 |                |       |          |        |          |        |
|-------------------|------|-----------------|----------------|-------|----------|--------|----------|--------|
| MINIMUM           |      |                 |                |       | MAXIMUM  |        |          |        |
| WD                | ID   | RESERVOIR NAME  | SOURCE STREAM  | AF    | DATE     | AF     | DATE     | END YR |
| 40                | 3452 | Battlement 1    | Dirty George C | 64.30 | 05/01/96 | 87.40  | 06/03/96 | 87.40  |
| 40                | 3453 | Battlement 2    | Dirty George C | 0.00  | 11/01/95 | 257.30 | 05/01/96 | 0.00   |
| 40                | 3341 | Bonita          | Surface Cr     | 49.56 | 10/01/96 | 277.92 | 11/01/95 | 49.56  |
| 40                | 3304 | Bull Finch 1    | Kiser Cr       | 0.00  | 07/08/96 | 57.45  | 06/01/96 | 0.00   |
| 40                | 3305 | Bull Finch 2    | Kiser Cr       | 10.21 | 10/01/96 | 32.84  | 06/01/96 | 10.21  |
| 40                | 3303 | Boulder Lake 1  | Ward Cr        | 0.00  | 11/01/95 | 0.00   | 11/01/95 | 0.00   |
| 40                | 3342 | Cabin Lake      | Surface Cr     | 0.00  | 08/01/96 | 27.00  | 06/01/96 | 0.00   |
| 40                | 3378 | Calumet         | Surface Cr     | 0.00  | 11/01/95 | 16.84  | 06/01/96 | 0.00   |
| 40                | 3366 | Carbonate Cmp 3 | Surface Cr     | 0.00  | 11/01/95 | 5.50   | 06/01/96 | 3.00   |
| 40                | 3306 | Carbonate Cmp 6 | Youngs Cr      | 0.00  | 11/01/95 | 129.0  | 06/01/96 | 0.00   |
| 40                | 3307 | Carbonate Cmp 7 | Youngs Cr      | 0.00  | 09/02/96 | 107.58 | 11/01/95 | 0.00   |
| 40                | 3343 | Cedar Mesa      | Surface Cr     | 41.84 | 10/01/96 | 919.00 | 06/01/96 | 41.84  |
| 40                | 3379 | Cole 1          | Surface Cr     | 0.00  | 11/01/95 | 22.32  | 06/01/96 | 0.00   |
| 40                | 3380 | Cole 2          | Surface Cr     | 0.00  | 11/01/95 | 37.60  | 06/01/96 | 0.00   |
| 40                | 3381 | Cole 3 (Chy Ln) | Surface Cr     | 0.00  | 11/01/95 | 36.85  | 06/01/96 | 0.00   |
| 40                | 3344 | Cole 4          | Surface Cr     | 0.00  | 11/01/95 | 6.02   | 06/01/96 | 1.17   |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |               |        |          |         |          |         |  |
|-------------------|------|----------------|---------------|--------|----------|---------|----------|---------|--|
|                   |      |                |               |        | MINIMUM  | MAXIMUM |          |         |  |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM | AF     | DATE     | AF      | DATE     | END YR  |  |
| 40                | 3345 | Cole 5         | Surface Cr    | 0.00   | 11/01/95 | 111.23  | 06/02/96 | 0.00    |  |
| 40                | 3308 | Daniels Sl     | Kiser Cr      | 0.00   | 11/01/95 | 228.00  | 06/01/96 | 0.00    |  |
| 40                | 3309 | Deep Slough    | Ward Cr       | 0.00   | 11/01/95 | 498.40  | 05/01/96 | 0.00    |  |
| 40                | 3310 | Deep Ward      | Ward Cr       | 0.00   | 10/31/96 | 1700.00 | 11/01/95 | 691.00  |  |
| 40                | 3346 | Deserted Park  | Surface Cr    | 691.00 | 11/01/95 | 27.96   | 06/01/96 | 0.00    |  |
| 40                | 3311 | Donnelly Sl    | Kiser Cr      | 0.00   | 10/31/96 | 276.95  | 06/01/96 | 0.00    |  |
| 40                | 3382 | Doughty 1      | Surface Cr    | 0.00   | 11/01/95 | 48.40   | 06/01/96 | 0.00    |  |
| 40                | 3383 | Doughty 2      | Surface Cr    | 0.00   | 11/01/95 | 15.55   | 06/01/96 | 0.00    |  |
| 40                | 3347 | Dreyfus        | Surface Cr    | 0.00   | 11/01/95 | 42.50   | 06/01/96 | 0.00    |  |
| 40                | 3312 | Eggleston Lake | Kiser Cr      | 1790.8 | 10/31/96 | 2705.00 | 05/01/96 | 1790.80 |  |
| 40                | 3348 | Elk Park       | Surface Cr    | 0.00   | 07/01/96 | 96.83   | 11/01/95 | 0.00    |  |
| 40                | 3549 | Eureka 1       | Youngs Cr     | 0.00   | 11/01/95 | 27.10   | 06/01/96 | 0.00    |  |
| 40                | 3349 | Eureka 2       | Youngs Cr     | 0.00   | 11/01/95 | 53.47   | 06/01/96 | 0.00    |  |
| 40                | 3350 | Trout Lake     | Surface Cr    | 0.00   | 08/01/96 | 76.93   | 05/01/96 | 0.00    |  |
| 40                | 3313 | Forrest        | Ward Cr       | 0.00   | 11/01/95 | 60.14   | 06/01/96 | 0.00    |  |
| 40                | 3314 | Goodenough     | Kiser Cr      | 0.00   | 10/31/96 | 152.00  | 05/01/96 | 0.00    |  |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |                |        |          |         |          |        |
|-------------------|------|----------------|----------------|--------|----------|---------|----------|--------|
| MINIMUM           |      |                |                |        | MAXIMUM  |         |          |        |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM  | AF     | DATE     | AF      | DATE     | END YR |
| 40                | 3455 | Granby 6       | Dirty George C | 0.00   | 11/01/95 | 45.98   | 05/01/96 | 28.84  |
| 40                | 3456 | Granby 7       | Dirty George C | 35.40  | 11/01/95 | 76.08   | 05/01/96 | 48.47  |
| 40                | 3457 | Granby 8       | Dirty George C | 0.00   | 11/01/95 | 13.31   | 06/03/96 | 0.00   |
| 40                | 3458 | Granby 9       | Dirty George C | 61.58  | 09/01/96 | 71.97   | 05/01/96 | 61.58  |
| 40                | 3454 | Granby 5-11    | Dirty George C | 433.80 | 10/31/96 | 775.00  | 06/03/96 | 433.80 |
| 40                | 3459 | Granby 12      | Dirty George C | 287.15 | 10/31/96 | 523.02  | 06/03/96 | 287.15 |
| 40                | 3351 | Greenwood      | Surface Cr     | 0.00   | 09/01/96 | 55.07   | 06/01/96 | 0.00   |
| 40                | 3384 | Hale           | Surface Cr     | 0.00   | 11/01/95 | 28.00   | 06/05/96 | 0.00   |
| 40                | 3315 | Hotel Twin L   | Ward Creek     | 548.70 | 11/01/95 | 548.70  | 11/01/95 | 548.70 |
| 40                | 3316 | Howard         | Kiser Cr       | 20.56  | 10/31/96 | 72.10   | 11/01/95 | 20.56  |
| 40                | 3317 | Island Lake    | Ward Cr        | 907.76 | 10/31/96 | 1426.36 | 11/01/95 | 907.76 |
| 40                | 3352 | Kehmeier       | Surface Cr     | 0.00   | 09/01/96 | 319.52  | 05/01/96 | 0.00   |
| 40                | 3319 | Kiser Slough   | Surface Cr     | 93.90  | 11/01/95 | 512.00  | 06/01/96 | 161.58 |
| 40                | 3318 | Kennicott Sl   | Kiser Cr       | 0.0    | 11/01/95 | 811.45  | 06/01/96 | 0.00   |
| 40                | 3353 | Knox           | Surface Cr     | 22.73  | 09/01/96 | 213.13  | 06/01/96 | 22.73  |
| 40                | 4520 | Leon Lake      | Leon Cr        | 147.49 | 10/31/96 | 1610.16 | 07/01/96 | 147.49 |



RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |               |        |          |         |          |        |
|-------------------|------|----------------|---------------|--------|----------|---------|----------|--------|
| MINIMUM           |      |                |               |        | MAXIMUM  |         |          |        |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM | AF     | DATE     | AF      | DATE     | END YR |
| 40                | 3385 | Leon Park      | Surface Cr    | 0.00   | 11/01/95 | 99.20   | 06/01/96 | 0.00   |
| 40                | 3320 | Lilly Pad      | Youngs Cr     | 0.00   | 11/01/95 | 0.00    | 11/01/95 | 0.00   |
| 40                | 3386 | Little Giant 1 | Surface Cr    | 0.00   | 11/01/95 | 10.28   | 06/01/96 | 0.00   |
| 40                | 3387 | Little Giant 2 | Surface Cr    | 0.00   | 11/01/95 | 12.13   | 06/01/96 | 0.00   |
| 40                | 3322 | Little Grouse  | Youngs Cr     | 0.00   | 10/31/96 | 52.50   | 11/01/95 | 0.00   |
| 40                | 3321 | Little Gem     | Ward Cr       | 57.70  | 10/31/96 | 214.50  | 05/01/96 | 57.70  |
| 40                | 3388 | Marcott        | Surface Cr    | 0.00   | 11/01/95 | 439.59  | 06/24/96 | 0.00   |
| 40                | 3323 | McKoon         | Youngs Cr     | 115.70 | 11/01/95 | 147.86  | 06/01/96 | 116.57 |
| 40                | 3354 | Military       | Surface Cr    | 0.00   | 11/01/95 | 236.60  | 06/01/96 | 0.00   |
| 40                | 3355 | Park           | Surface Cr    | 0.00   | 11/01/95 | 3383.40 | 06/01/96 | 937.55 |
| 40                | 3324 | P C & G 1      | Kiser Cr      | 17.01  | 10/31/96 | 19.44   | 11/01/95 | 17.01  |
| 40                | 3325 | Pedro          | Youngs Cr     | 0.0    | 10/31/96 | 194.94  | 11/01/95 | 0.00   |
| 40                | 3326 | Pine           | Youngs Cr     | 0.00   | 11/01/95 | 14.00   | 06/01/96 | 0.00   |
| 40                | 3327 | Prebble        | Youngs Cr     | 79.59  | 11/01/95 | 193.05  | 06/01/96 | 80.89  |
| 40                | 3328 | Rim Rock Lake  | Ward Cr       | 0.00   | 11/01/95 | 107.90  | 05/01/96 | 0.00   |
| 40                | 3329 | Rockland       | Ward Cr       | 0.00   | 11/01/95 | 0.00    | 11/01/95 | 0.00   |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |               |        |          |        |          |        |
|-------------------|------|----------------|---------------|--------|----------|--------|----------|--------|
| MINIMUM           |      |                |               |        | MAXIMUM  |        |          |        |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM | AF     | DATE     | AF     | DATE     | END YR |
| 40                | 3356 | Round Lake     | Surface Cr    | 0.00   | 11/01/95 | 15.76  | 06/18/96 | 0.00   |
| 40                | 3330 | Ryan           | Youngs Cr     | 40.27  | 11/01/95 | 40.27  | 11/01/95 | 40.27  |
| 40                | 3357 | Sackett        | Surface Cr    | 38.20  | 09/01/96 | 108.00 | 11/01/95 | 38.20  |
| 40                | 3331 | Safety 1 & 2   | Cottonwood Cr | 0.00   | 11/01/95 | 18.00  | 06/01/96 | 0.00   |
| 40                | 3332 | Scotland Peak  | Ward Cr       | 0.00   | 10/31/96 | 39.20  | 05/01/96 | 0.00   |
| 40                | 3333 | Sheep Lake     | Ward Cr       | 0.00   | 09/01/96 | 154.00 | 11/01/95 | 0.00   |
| 40                | 3358 | Stell          | Surface Cr    | 0.00   | 08/01/96 | 65.00  | 11/01/95 | 0.00   |
| 40                | 3389 | Trickle        | Surface Cr    | 0.00   | 11/01/95 | 31.58  | 05/01/96 | 0.00   |
| 40                | 3359 | Trio           | Surface Cr    | 47.10  | 11/01/95 | 164.30 | 06/02/96 | 58.30  |
| 40                | 3360 | Twin Lake 1    | Surface Cr    | 0.00   | 11/01/95 | 88.77  | 06/20/96 | 0.00   |
| 40                | 3361 | Twin Lake 2    | Surface Cr    | 0.00   | 09/01/96 | 120.75 | 11/01/95 | 0.00   |
| 40                | 3334 | Upper Hotel L  | Ward Cr       | 90.27  | 10/31/96 | 98.11  | 11/01/95 | 90.27  |
| 40                | 3362 | Vela           | Surface Cr    | 38.20  | 10/91/96 | 436.62 | 05/01/96 | 38.20  |
| 40                | 3335 | Ward Cr        | Ward Cr       | 52.72  | 11/01/95 | 284.42 | 05/01/96 | 52.72  |
| 40                | 3363 | Weir/Johnson 2 | Surface Cr    | 185.35 | 10/01/96 | 593.93 | 11/01/95 | 185.35 |
| 40                | 3364 | Weir Park      | Surface Cr    | 0.00   | 11/01/95 | 40.73  | 06/01/96 | 0.00   |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |               |         |          |         |          |         |
|-------------------|------|----------------|---------------|---------|----------|---------|----------|---------|
|                   |      |                |               | MINIMUM |          | MAXIMUM |          |         |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM | AF      | DATE     | AF      | DATE     | END YR  |
| 40                | 3336 | Womack 1       | Ward Cr       | 0.00    | 08/01/96 | 202.40  | 06/01/96 | 0.00    |
| 40                | 3337 | Womack 2 & 3   | Cottonwood Cr | 9.35    | 10/01/96 | 101.51  | 11/01/95 | 9.35    |
| 40                | 3340 | Womack 5       | Cottonwood Cr | 0.00    | 11/01/95 | 13.00   | 05/01/96 | 0.00    |
| 40                | 3338 | Young Cr 1 & 2 | Youngs Cr     | 211.43  | 10/31/96 | 565.31  | 06/01/96 | 211.43  |
| 40                | 3339 | Youngs Cr 3    | Youngs Cr     | 0.00    | 09/01/96 | 200.62  | 06/01/96 | 0.00    |
| 40                | 3390 | Y & S          | Surface Cr    | 32.14   | 09/01/96 | 189.96  | 06/1/96  | 32.14   |
| 40                | 3365 | Fruitgrowers   | Alfallfa Run  | 105.40  | 09/01/96 | 4451.62 | 12/01/95 | 1877.21 |
| 40                | 3368 | Beaver Dam     | Escalante Cr  | 0.00    | 11/01/95 | 396.50  | 06/01/96 | 0.00    |
| 40                | 3370 | Clark Res      | Oak Cr        | 10.12   | 11/01/95 | 50.75   | 05/01/96 | 10.97   |
| 40                | 3373 | Dugger Res     | Oak Cr        | 195.00  | 10/08/96 | 212.10  | 05/22/96 | 195.00  |
| 40                | 3374 | Morris 2       | Oak Cr        | 16.33   | 11/01/95 | 16.33   | 11/01/95 | 16.33   |
| 40                | 3375 | Pitcarin Res   | Doughspoon Cr | 51.03   | 10/08/96 | 75.95   | 05/22/96 | 51.03   |
| 40                | 3376 | Porter 1       | Oak Cr        | 164.92  | 07/02/96 | 214.77  | 11/01/95 | 214.77  |
| 40                | 3377 | Porter 4       | Oak cr        | 38.00   | 11/01/95 | 38.00   | 11/01/95 | 38.00   |
|                   |      |                |               |         |          |         |          |         |
|                   |      |                |               |         |          |         |          |         |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |               |        |          |        |          |        |
|-------------------|------|----------------|---------------|--------|----------|--------|----------|--------|
| MINIMUM           |      |                |               |        | MAXIMUM  |        |          |        |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM | AF     | DATE     | AF     | DATE     | END YR |
| 42                | 3600 | Anderson R 1   | Kannah Cr     | 0.00   | 10/14/96 | 468.00 | 07/01/96 | 0.00   |
| 42                | 3601 | Anderson R 2   | Kannah Cr     | 0.00   | 09/08/96 | 595.00 | 07/01/96 | 0.00   |
| 42                | 3630 | Anderson R 6   | Kannah Cr     | 0.00   | 11/01/95 | 98.00  | 05/31/96 | 0.00   |
| 42                | 3602 | Bolen AJ R     | Kannah Cr     | 0.00   | 09/02/96 | 240.00 | 05/31/96 | 0.00   |
| 42                | 3603 | Bolen Res      | Kannah Cr     | 0.00   | 08/01/96 | 518.00 | 05/31/96 | 0.00   |
| 42                | 3604 | Carson Lake    | Kannah Cr     | 480.00 | 10/31/96 | 637.00 | 05/31/96 | 480.00 |
| 42                | 3606 | Deep Cr R 2    | Kannah Cr     | 0.00   | 11/01/95 | 354.00 | 05/31/96 | 0.00   |
| 42                | 3607 | Dry Cr R Sup   | Kannah Cr     | 0.00   | 08/01/96 | 236.00 | 05/31/96 | 0.00   |
| 42                | 3608 | Flowing Pk R   | Kannah Cr     | 359.00 | 10/31/96 | 772.00 | 05/31/96 | 359.00 |
| 42                | 3609 | Fruita Res 1   | East Cr       | 41.00  | 10/31/95 | 132.00 | 05/30/96 | 38.12  |
| 42                | 3610 | Fruita Res 2   | East Cr       | 46.50  | 10/31/95 | 168.00 | 05/30/96 | 49.45  |
| 42                | 3614 | Grand Mesa R 1 | Kannah Cr     | 3.20   | 11/01/95 | 392.00 | 06/27/96 | 146.00 |
| 42                | 3615 | Grand Mesa R 6 | Kannah Cr     | 0.00   | 11/01/95 | 172.00 | 05/31/96 | 0.00   |
| 42                | 3616 | Grand Mesa R 8 | Kannah Cr     | 0.00   | 10/01/96 | 379.00 | 05/31/96 | 0.00   |
| 42                | 3617 | Grand Mesa R 9 | Kannah Cr     | 0.00   | 10/31/96 | 153.00 | 05/31/96 | 0.00   |
| 42                | 3618 | Hallenbeck R 1 | Kannah Cr     | 463.00 | 10/01/96 | 709.00 | 10/31/96 | 709.00 |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                |               |         |          |          |          |          |
|-------------------|------|----------------|---------------|---------|----------|----------|----------|----------|
|                   |      |                |               |         | MINIMUM  |          | MAXIMUM  |          |
| WD                | ID   | RESERVOIR NAME | SOURCE STREAM | AF      | DATE     | AF       | DATE     | END YR   |
| 42                | 3619 | Hallenbeck R 2 | Kannah Cr     | 0.00    | 11/01/95 | 459.00   | 05/31/96 | 0.00     |
| 42                | 3620 | Juniata Res    | Kannah Cr     | 4629.00 | 10/31/96 | 6867.00  | 04/01/96 | 4629.00  |
| 42                | 3623 | Scales Res 1   | Kannah CR     | 0.00    | 11/01/95 | 202.00   | 07/01/96 | 0.00     |
| 42                | 3624 | Scales Res 3   | Kannah Cr     | 0.00    | 10/01/96 | 128.00   | 07/01/96 | 0.00     |
| 42                | 3625 | Somerville R 1 | Whitewater Cr | 0.00    | 11/01/95 | 973.00   | 05/31/96 | 0.00     |
|                   |      |                |               |         |          |          |          |          |
| 59                | 3665 | Spring Creek   | Taylor River  | 1264.20 | 10/11/96 | 1486.20  | 08/02/96 | 1264.20  |
| 59                | 3666 | Taylor Park    | Taylor River  | 56303.0 | 10/31/96 | 104647.0 | 06/22/96 | 56303.00 |
| 59                | 3684 | Lake Grant     | Slate River   | 249.70  | 09/30/96 | 256.50   | 10/31/96 | 256.50   |
| 59                | 2689 | Meridian Lk Pk | Slate River   | 113.70  | 07/09/96 | 123.30   | 06/07/96 | 120.40   |
|                   |      |                |               |         |          |          |          |          |
| 60                | 3507 | Gurley R       | Beaver Cr     | 1873.00 | 09/14/96 | 9050.00  | 06/01/96 | 3156.00  |
| 60                | 3511 | Lone Cone R    | Bennet Cr     | 140.00  | 09/18/96 | 1220.00  | 05/20/96 | 295.00   |
| 60                | 3510 | Lilylands      | Naturita Cr   | 23.90   | 07/26/96 | 260.00   | 05/07/96 | 40.70    |
| 60                | 3512 | Miramonte      | W Naturita Cr | 2724.00 | 11/01/95 | 4301.00  | 06/01/96 | 4301.00  |
| 60                | 3519 | Paxton Res     | Horsefly Cr   | 362.00  | 07/02/96 | 558.00   | 08/26/96 | 558.00   |

RESERVOIR STORAGE SUMMARY

IRRIGATION YEAR - 1996

| AMOUNT OF STORAGE |      |                 |               |         |          |         |          |           |
|-------------------|------|-----------------|---------------|---------|----------|---------|----------|-----------|
| MINIMUM           |      |                 |               |         | MAXIMUM  |         |          |           |
| WD                | ID   | RESERVOIR NAME  | SOURCE STREAM | AF      | DATE     | AF      | DATE     | END YR    |
| 60                | 3509 | Lake Hope Res   | Lake Fork     | 107.50  | 06/15/96 | 2310.00 | 08/28/96 | 2310.00   |
| 60                | 3527 | Trout Lake Res  | Lake Fork     | 1155.00 | 04/01/96 | 3146.00 | 07/01/96 | 2810.00   |
| 60                | 3556 | Hofmann Res #12 | Horsefly Cr   | 46.00   | 11/01/95 | 50.00   | 07/01/96 | 50.00     |
| 61                | 3541 | Buckeye R       | W Paradox Cr  | 147.00  | 10/07/96 | 1939.00 | 05/24/96 | 190.00    |
| 62                | 3552 | Blue Mesa       | Gunnison R    | 47856.0 | 04/06/96 | 822119. | 06/23/96 | 664148.00 |
| 62                | 3578 | Crystal         | Gunnison R    | 13584.0 | 12/31/95 | 18168.0 | 06/30/96 | 16353.00  |
| 62                | 3545 | Morrow Pt       | Gunnison R    | 107857. | 11/30/95 | 114369. | 06/30/96 | 111413.00 |
| 62                | 3548 | Silverjack      | Big Cimarron  | 3274.00 | 09/30/96 | 13709.0 | 05/31/96 | 4804.00   |
| 63                | 3640 | Craig Res 1     | West Cr       | 99.50   | 10/31/95 | 544.00  | 05/31/96 | 50.00     |
| 63                | 3641 | Burg Res        | West Cr       | 0.00    | 10/31/95 | 213.00  | 05/30/96 | 0.00      |
| 63                | 3642 | Casement Res    | West Cr       | 80.00   | 10/31/95 | 155.00  | 05/31/96 | 86.29     |
| 63                | 3644 | Casto Res       | West Cr       | 132.45  | 10/31/95 | 482.00  | 05/31/96 | 52.00     |
| 63                | 3644 | Craig Res 2     | West Cr       | 180.55  | 10/31/95 | 442.24  | 05/31/96 | 25.00     |
| 68                | 3675 | Ridgway         | Uncompahgre R | 59303.0 | 05/02/96 | 83423.0 | 06/25/96 | 71662.00  |
| 73                | 3621 | Fruita Res 3    | Chiquito Dol. | 12.00   | 10/31/95 | 45.90   | 05/31/96 | 10.00     |
|                   |      |                 |               |         |          |         |          |           |

**WATER DIVERSION SUMMARIES TO VARIOUS USES**

| WD  | TRANS<br>MOUNTAIN<br>OUTFLOW | TRANS<br>BASIN<br>OUTFLOW | MUNIC-<br>IPAL | COMMER-<br>CIAL | INDUS-<br>TRIAL | RECRE-<br>ATION | FISH-<br>ERY | DOMES/<br>HOUSE-<br>HOLD | STOCK  |
|-----|------------------------------|---------------------------|----------------|-----------------|-----------------|-----------------|--------------|--------------------------|--------|
| 28  | 424                          | 0                         | 0              | 0               | 0               | 0               | 0            | 0                        | 0      |
| 40  | 1,089                        | 0                         | 4,276          | 0               | 443             | 0               | 10,740       | 648                      | 20,299 |
| 41  | 0                            | 0                         | 8,509          | 0               | 0               | 0               | 0            | 0                        | 287    |
| 42  | 0                            | 501                       | 0              | 0               | 530             | 0               | 0            | 0                        | 2      |
| 59  | 194                          | 0                         | 3,242          | 0               | 0               | 11,505          | 190,537      | 0                        | 1,179  |
| 60  | 0                            | 0                         | 2,134          | 19,853          | 0               | 119             | 1,816        | 450                      | 456    |
| 61  | 0                            | 0                         | 60             | 0               | 0               | 0               | 0            | 41                       | 830    |
| 62  | 394,094                      | 0                         | 0              | 0               | 0               | 0               | 6,962        | 0                        | 0      |
| 63  | 0                            | 0                         | 0              | 0               | 0               | 0               | 0            | 18                       | 1,429  |
| 68  | 0                            | 0                         | 891            | 2,577           | 0               | 15              | 181          | 77                       | 9,314  |
| 73  | 0                            | 0                         | 0              | 0               | 0               | 0               | 0            | 6                        | 65     |
| TOT | 963,150                      | 501                       | 19,112         | 22,430          | 973             | 11,639          | 210,236      | 1,240                    | 33,861 |

WATER DIVERSION SUMMARIES TO VARIOUS USES, continued

| WD  | AUG-<br>MENTA-<br>TION | EVAPO-<br>RATION | GEO-<br>THER-<br>MAL | SNOW<br>MAKING | MIN<br>STREAM<br>FLOW | POWER<br>GENERA-<br>TION | WILD-<br>LIFE | RE-<br>CHARG-<br>ES | OTHER   |
|-----|------------------------|------------------|----------------------|----------------|-----------------------|--------------------------|---------------|---------------------|---------|
| 28  | 0                      | 0                | 0                    | 0              | 0                     | 0                        | 0             | 0                   | 0       |
| 40  | 28                     | 3,175            | 0                    | 0              | 0                     | 0                        | 0             | 0                   | 1,565   |
| 41  | 0                      | 0                | 0                    | 0              | 0                     | 0                        | 0             | 0                   | 274,914 |
| 42  | 0                      | 55               | 0                    | 0              | 0                     | 0                        | 0             | 0                   | 0       |
| 59  | 0                      | 4,339            | 0                    | 162            | 0                     | 0                        | 0             | 0                   | 0       |
| 60  | 0                      | 0                | 0                    | 0              | 0                     | 0                        | 0             | 0                   | 0       |
| 61  | 0                      | 455              | 0                    | 0              | 0                     | 0                        | 0             | 83                  | 0       |
| 62  | 0                      | 33,951           | 0                    | 0              | 217,788               | 3,523,070                | 0             | 0                   | 0       |
| 63  | 0                      | 204              | 0                    | 0              | 0                     | 29                       | 0             | 0                   | 485     |
| 68  | 98                     | 2,224            | 0                    | 0              | 0                     | 0                        | 0             | 0                   | 5,319   |
| 73  | 0                      | 6                | 0                    | 0              | 0                     | 0                        | 0             | 0                   | 0       |
| TOT | 126                    | 44,409           | 0                    | 162            | 217,788               | 3,523,099                | 0             | 83                  | 282,283 |



### 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 | 203                  | 4                   | 4                  | 66                   | 233           | 1,399                       | 257,728             | 0                              | 257,304             | 23,710                    | 10.85               |
| 40 | 828                  | 4                   | 199                | 316                  | 944           | 16,723                      | 549,459             | 65,658                         | 441,538             | 109,005                   | 4.05                |
| 41 | 65                   | 1                   | 22                 | 37                   | 363           | 1,843                       | 922,345             | 0                              | 638,635             | 71,294                    | 8.96                |
| 42 | 64                   | 2                   | 30                 | 149                  | 216           | 3,521                       | 603,485             | 12,038                         | 23,010              | 5,517                     | 4.17                |
| 59 | 197                  | 0                   | 14                 | 78                   | 702           | 2,334                       | 532,495             | 42,487                         | 278,850             | 31,527                    | 8.84                |
| 60 | 271                  | 5                   | 61                 | 76                   | 835           | 1,811                       | 134,823             | 8,291                          | 101,704             | 30,774                    | 3.30                |
| 61 | 48                   | 0                   | 21                 | 3                    | 7             | 2,012                       | 15,080              | 4,063                          | 9,548               | 3,383                     | 2.82                |
| 62 | 139                  | 0                   | 36                 | 108                  | 817           | 11,315                      | 4,812,195           | 521,585                        | 114,745             | 12,512                    | 9.17                |
| 63 | 131                  | 3                   | 21                 | 55                   | 59            | 1,555                       | 26,438              | 1,624                          | 22,646              | 2,590                     | 8.74                |
| 68 | 169                  | 1                   | 41                 | 25                   | 569           | 2,251                       | 168,970             | 36,495                         | 11,779              | 15,808                    | 7.07                |
| 73 | 57                   | 1                   | 11                 | 75                   | 73            | 245                         | 6,494               | 37                             | 6,380               | 3,048                     | 2.09                |
| TL | 2,172                | 21                  | 460                | 988                  | 4,818         | 45,009                      | 8,029,512           | 692,278                        | 2,006,139           | 309,138                   | avg. 6.37           |

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

**WATER COURT ACTIVITIES**

|                               |     |
|-------------------------------|-----|
| Applications for Decrees      | 314 |
| Consultations with Referee    | 206 |
| Decrees Issued by Water Court | 267 |
| Dismissals                    | 5   |
| Complaints                    | 0   |

|  | <u>Struc.</u> | <u>Cases</u> |
|--|---------------|--------------|
| New Conditional Water Rights           |               | 53           |
| Diligence on Conditional Rights        |               | 37           |
| Cancellations of Conditional Rights    |               | 37           |
| Conditional Rights Made Absolute       |               | 6            |
| Underground Water Rights Adjudicated   | 116           | 24           |
| Surface Water Rights Adjudicated       | 392           | 231          |
| Water Storage Rights Adjudicated       | 68            | 39           |
| Plans for Augmentation Adjudicated     |               | 8            |
| Change of Water Rights/Location        |               | 18           |
| Change of Water Rights/Use Adjudicated |               | 0            |
| Instream Flow Rights Adjudicated       |               | <u>0</u>     |
| Total                                  |               | 453          |

APPENDIX E  
 DIVISION IV  
1996 RIVER CALLS

Water District 28

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON/ CALLING</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|------------------------|
| Tomichi Cr.            | Kennedy D. 1,2           | 10301.00000               | 5/22/96             | Season                  | Greg Peterson          |
| Cochetopa Cr.          | Smith Fork #2            | 16192.11109               | 6/12/96             | Season                  | Terry Snyder           |

Water District 40

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON/ CALLING</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|------------------------|
| Bell Creek             | North Fork Orchard       | 48010.00000               | 6/12/96             | Season                  | Norm Smith             |
| Big Gulch              | Oasis Ditch No. 1        | 21263.20755               | 5/31/96             | Season                  | John Hotchkiss         |
| Cow Creek              | Larson                   | 29260.21350               | 6/19/96             | Season                  | Peter Blake            |
| Crystal Creek          | CCIS Ditch               | 12350.00000               | 7/3/96              | 11/1/96                 | LeRoy McLaughlin       |
| Deep Creek             | Filmore                  | 29260.25001               | 7/6/96              | Season                  | John Lee               |
| Dirty George           | Arthur Stewart D         | Non-decree                | 5/30/96             | Season                  | Stanton Green          |
| Dirty George           | Bourn Ditch              | 29260.19448               | 5/22/96             | Season                  | Stanton Green          |
| Dirty George           | Red Haw Ditch            | 29260.21275               | 5/18/96             | Season                  | Stanton Green          |
| Dry Creek              | Burt & Thompson D.       | 21089.13150               | 5/31/96             | Season                  | Luce Pipher            |
| Dry Creek              | Burt & Thompson D.       | 21089.13150               | 6/6/96              | Season                  | Luce Pipher            |
| Dry Creek              | Welsch Ditch             | 25807.22370               | 6/13/96             | Season                  | H. G. Burgess          |
| Eagle Ditch            | Eagle Ditch              | 21341.00000               | 5/18/96             | Season                  | Stanton Green          |
| Forked Tongue          | Park Ditch               | 36680.00000               | 6/14/96             | Season                  | Larry Kier             |
| Forked Tongue          | Perkins Ditch            | 29260.26783               | 6/14/96             | Season                  | Curtis Adams           |
| Hamilton Draw          | Hixon #1 Ditch           | 43829.41412               | 6/9/96              | Season                  | Darrell Geyer          |
| Hamilton Draw          | Hixon #2 Ditch           | 43829.41412               | 6/9/96              | Season                  | Darrell Geyer          |
| Hamilton Draw          | McMurry Ditch            | 21263.16679               | 6/3/96              | Season                  | Elmer Ferganchick      |
| Happy Hollow           | Happy Hollow D           | 20501.16181               | 5/12/96             | Season                  | Curtis Adams           |
| Happy Hollow           | Lucky #1 Ditch           | 43829.41409               | 5/11/96             | Season                  | Darrell Geyer          |

Water District 40 cont'd.

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON/ CALLING</u>   |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|--------------------------|
| Happy Hollow           | Lucky #2 Ditch           | 43829.41409               | 5/11/96             | Season                  | Darrell Geyer            |
| Kiser Creek            | Lake Fork                | 13356.00000               | 7/9/96              | Season                  | W. Bull                  |
| Kiser Creek            | Lake Fork                | 13356.00000               | 8/2/96              | Season                  | W. Bull                  |
| Kiser Creek            | Ledge Ditch              | 29260.21640               | 5/24/96             | Season                  | Harlow Medill            |
| Kiser Creek            | Roseberry                | 20501.13301               | 7/1/96              | Season                  | W. Bull                  |
| Leroux Creek           | Cow Creek D.             | 12276.00000               | 7/5/96              | Season                  | Wm. Ogburn               |
| Leroux Creek           | Currant Creek D.         | 12269.00000               | 8/20/96             | Season                  | Roy Wolf                 |
| Leroux Creek           | Ellington D.             | 14413.13606               | 6/18/96             | Season                  | Robert White             |
| Leroux Creek           | Highline Ditch           | 11779.00000               | 8/21/96             | 11/1/96                 | Robert White             |
| Leroux Creek           | Stull Ditch              | 21089.15502               | 5/25/96             | Season                  | John Burrirtt            |
| Minnesota Cr           | Minnesota Canal          | 14413.13758               | 6/21/96             | Season                  | Grant Farnsworth         |
| Minnesota Cr           | Minnesota Canal          | 14413.12283               | 8/13/96             | Season                  | Grant Farnsworth         |
| Muddy Creek            | Ditch #3                 | 21263.17335               | 8/19/96             | Season                  | Larry McIntyre           |
| No. Fork Gun.          | Fire Mtn. Canal          | 19415.17059               | 7/24/96             | Season                  | Merritt Denison          |
| Roatcap                | Robert Stucker           | 25807.23557               | 6/3/96              | Season                  | Steve Walcott            |
| Rowell Gulch           | Genes Ditch              | 24894.18032               | 5/22/96             | Season                  | Harlow Medill            |
| Rowell Gulch           | Orchard Ditch            | 24894.18032               | 5/24/96             | Season                  | Art Glasser              |
| Smith Fork             | Crawford Clipper D.      | 13076.00000               | 7/23/96             | 10/1/96                 | Bill Linman/Needle Rk.   |
| Smith Fork             | Crawford Clipper D.      | 13076.00000               | 7/22/96             | 10/1/96                 | Bill Linman/Wilson D.    |
| Smith Fork             | Crawford Clipper D.      | 13076.00000               | 7/26/96             | 10/1/96                 | Bill Linman/Lone Rock D. |
| Smith Fork             | Crawford Clipper D.      | 13076.00000               | 7/9/96              | 11/1/96                 | Bill Linman/Virginia D.  |
| Smith Fork             | Crawford Clipper D.      | 13076.00000               | 7/30/96             | 8/23/96                 | Bill Linman/Daisy D.     |
| Smith Fork             | Crawford Clipper D.      | 13076.00000               | 9/3/96              | 9/17/96                 | Bill Linman/Daisy D.     |
| Smith Fork             | Crawford Clipper D.      | 21263.16523               | 5/31/96             | 11/1/96                 | Albert Scherrer          |
| Surface Cr             | Grandview Ditch          | 11674.00000               | 3/29/96             | 11/1/96                 | Western States           |
| Surface Cr.            | Alfalpa Ditch            | 31924.19098               | 5/1/96              | 5/9/96                  | Mack Gorrod              |
| Surface Cr.            | Beeson Ditch             | 13514.00000               | 4/24/96             | 6/17/96                 | Elmer Ferganchick        |
| Surface Cr.            | Bonita Ditch             | 13112.00000               | 4/24/96             | 11/1/96                 | Mel Schroeder            |
| Surface Cr.            | Butte Ditch              | 20501.16329               | 4/25/96             | 5/27/96                 | Jerry Figueroa           |
| Surface Cr.            | Cedar Mesa               | 11748.00000               | 4/21/96             | 11/1/96                 | Torn of Cedaredge        |
| Surface Cr.            | Cook Ditch               | 13120.00000               | 5/14/96             | 6/19/96                 | Jene Young               |
| Surface Cr.            | Eric Johnson D.          |                           |                     |                         |                          |

Water District 40 cont'd.

| <u>STREAM<br/>AFFECTED</u> | <u>NAME OF<br/>STRUCTURE</u> | <u>ADMIN #<br/>CALL STRUC</u> | <u>DATE OF<br/>CALL</u> | <u>DURATION<br/>OF CALL</u> | <u>PERSON/<br/>CALLING</u> |
|----------------------------|------------------------------|-------------------------------|-------------------------|-----------------------------|----------------------------|
| Surface Cr.                | Fogg Ditch                   | 12876.00000                   | 4/24/96                 | 6/30/96                     | Mel Schroeder              |
| Surface Cr.                | Forest Ditch                 | 11674.00000                   | 4/22/96                 | 11/1/96                     | Steve Tuck                 |
| Surface Cr.                | Gurney Ditch                 | 20501.15432                   | 4/25/96                 | 5/28/96                     | Ingval Hanson              |
| Surface Cr.                | Horseshoe D.                 | 13615.00000                   | 4/24/96                 | 6/15/96                     | Bud Burgess                |
| Surface Cr.                | Jackson Ditch                | 20501.16527                   | 5/3/96                  | 5/7/96                      | Hans Reuches               |
| Surface Cr.                | Lone Pine Ditch              | 10501.17790                   | 5/1/96                  | 5/24/96                     | Wayne McPherson            |
| Surface Cr.                | Metzgar Ditch                | 25807.25423                   | 4/25/96                 | 5/8/96                      | Don Petersen               |
| Surface Cr.                | Old Reliable                 | 13514.00000                   | 5/1/96                  | 6/17/96                     | Steve Palmer               |
| Surface Cr.                | Omega                        | 20501.15030                   | 5/1/96                  | 6/15/96                     | Calvin Hamilton            |
| Surface Cr.                | Orchard Ranch                | 12182.00000                   | 4/22/96                 | 7/7/96                      | Gene Scheve                |
| Surface Cr.                | Paradise                     | 20501.13331                   | 5/6/96                  | 6/16/96                     | Bill Kissner               |
| Surface Cr.                | Rose Ditch                   | 20501.16529                   | 4/26/96                 | 5/27/96                     | Keith Butler               |
| Surface Cr.                | Settle Ditch                 | 12503.00000                   | 4/24/96                 | 7/4/96                      | Bud Hawkins                |
| Surface Cr.                | Shepard Ditch                | 12717.00000                   | 4/25/96                 | 7/1/96                      | Charles Lutje              |
| Surface Cr.                | Trickle Ditch                | 20501.13574                   | 4/29/96                 | 6/13/96                     | Melba Jones                |
| Surface Cr.                | Weir & Johnson               | 20501.13223                   | 5/1/96                  | 6/14/96                     | Stan Dakolios              |
| Surface Cr.                | Wild Cherry                  | 29260.16893                   | 5/3/96                  | 5/9/96                      | Jerry Loucks               |
| Surface Cr.                | Zonola Pelezini              | 20501.15432                   | 4/28/96                 | 5/28/96                     | Charles Lutje              |
| Terror Creek               | Terror Ditch                 | 12370.00000                   | 6/24/96                 | Season                      | Kate Roberts               |
| Ward Creek                 | Carbon Ditch                 | 20501.14413                   | 6/22/96                 | Season                      | Leonard Mattivi            |
| Ward Creek                 | Gabriel Ditch                | 49308.49175                   | 5/22/96                 | Season                      | Beryl Himes                |
| Ward Creek                 | Granby Rowell                | 20501.16192                   | 6/27/96                 | Season                      | George Bertram             |
| Ward Creek                 | Lone Friday D.               | 29260.20544                   | 5/30/96                 | Season                      | Wally Dobbins              |
| Ward Creek                 | Sandstone Bluff              | 13437.00000                   | 6/23/96                 | Season                      | Gary Buchheim              |
| Ward Creek                 | Sunrise Ditch                | 20501.18185                   | 6/15/96                 | Season                      | Jack Arney                 |
| Ward Creek                 | Todd Ditch                   | 20501.18018                   | 6/21/96                 | Season                      | Mary Parker                |
| Williams Cr                | Williams #2 Ditch            | 20501.12540                   | 6/21/96                 | Season                      | Bob Clay                   |
| Youngs Creek               | Broncho Ditch                | 13254.00000                   | 6/13/96                 | Season                      | Frost                      |
| Youngs Creek               | Cherokee Ditch               | 20501.16893                   | 5/5/96                  | Season                      | Davis                      |
| Youngs Creek               | Childs Ditch                 | 13141.00000                   | 7/19/96                 | Season                      | W. Bull                    |

Water District 41

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON PLACING CALL</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|----------------------------|
| Horsefly               | Albush Ditch             | 24221.22524               | 5/2/96              | Season                  | Mardell Sanders            |
| Spring Creek           | Shavano Valley           | 12217.00000               | 5/30/96             | Season                  | Wayne Brown                |
| Uncompahgre            | Unc.Val.Wtr.Usrs         | 14198.00000               | 7/10/96             | 8/20/96                 | Jim Hokit                  |

Water District 42

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON PLACING CALL</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|----------------------------|
| East Creek             | Lurvey Ditch #1          | 22848.21258               | 5/6/96              | Season                  | Ron Tipping                |
| Kannah Cr.             | Grand Junction           | 30895.28975               | 10/28/96            | Season                  | Danny Vanover              |
| Kannah Cr.             | Juniata D. 1st Enl       | 37788.00000               | 5/28/96             | Season                  | Danny Vanover              |
| Kannah Cr.             | Kannah Cr.Ext.D.         | 12724.00000               | 7/3/96              | Season                  | Burt Foster                |

Water District 59

No calls

Water District 60

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON PLACING CALL</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|----------------------------|
| Maverick-Naturita      | Maverick Draw            | 12524.00000               | 7/18/96             | 10/4/96                 | Earl Reams                 |
| San Miguel R           | BCD Ditch                | 13058.00000               | 8/12/96             | 9/12/96                 | Earl Reams                 |
| San Miguel R           | Highline Canal           | 16588.00000               | 8/12/96             | 9/12/96                 | Bob Nyland                 |
| San Miguel R           | Nucla Power Pl           | 13058.00000               | 8/12/96             | 9/12/96                 | Tri-State Power            |
| Maverick Cr            | Hankins D                | 23681.00000               | 8/16/96             | 10/31/96                | Dale Souther               |

Water District 61

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON PLACING CALL</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|----------------------------|
| Paradox Cr             | Galloway D               | 12173.00000               | 4/11/96             | Season                  | Greg Irwin                 |

Water District 62

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON PLACING CALL</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|----------------------------|
| L.Cimarron             | Collier Ditch            | 14489.00000               | 8/7/96              | Season                  | Doc Orme                   |
| Powderhorn             | Schnecker Ditch          | 46020.13042               | 7/12/96             | Season                  | Bailey Wilson              |
| Trout Creek            | Johnson Ditch            | 20393.12945               | 8/1/96              | Season                  | A.E. Thomas                |

Water District 63

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON PLACING CALL</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|----------------------------|
| West Creek             | Bartholomew/Hatch        | 30079.18294               | 7/8/96              | 9/9/96                  | James T. Boulden           |

Water District 68

| <u>STREAM AFFECTED</u> | <u>NAME OF STRUCTURE</u> | <u>ADMIN # CALL STRUC</u> | <u>DATE OF CALL</u> | <u>DURATION OF CALL</u> | <u>PERSON PLACING CALL</u> |
|------------------------|--------------------------|---------------------------|---------------------|-------------------------|----------------------------|
| Horsefly               | Albush                   | District 41               | 3/27/96             | Season                  | M. Sanders                 |
| Dallas                 | Hosner Rowell            | 11779.00000               | 5/30/96             | 6/11/96                 | M. Stanton                 |
| Dallas                 | Dallas Ditch             | 12905.00000               | 5/30/96             | 6/11/96                 | D. Adams                   |
| Dallas                 | Alkalai Cr               | 12707.00000               | 5/30/96             | 6/11/96                 | D. Adams                   |
| Beaver Cr              | Eastside                 | 12571.00000               | 6/19/96             | Season                  | D. Wolford                 |
| Beaver Cr              | Max Egger                | 43752.00000               | 6/13/96             | Season                  | K. Hess                    |
| W. Dallas              | Reed Overman             | 10348.00000               | 7/15/96             | Season                  | L. Luke                    |

Water District 68 cont'd.

| <u>STREAM</u><br><u>AFFECTED</u> | <u>NAME OF</u><br><u>STRUCTURE</u> | <u>ADMIN #</u><br><u>CALL STRUC</u> | <u>DATE</u><br><u>OF CALL</u> | <u>DURATION</u><br><u>OF CALL</u> | <u>PERSON</u><br><u>PLACING CALL</u> |
|----------------------------------|------------------------------------|-------------------------------------|-------------------------------|-----------------------------------|--------------------------------------|
| Uncompahgre R                    | U.V.W.U.A.                         |                                     | 7/8/96                        | Season                            | J. Hokit                             |

Water District 73

| <u>STREAM</u><br><u>AFFECTED</u> | <u>NAME OF</u><br><u>STRUCTURE</u> | <u>ADMIN #</u><br><u>CALL STRUC</u> | <u>DATE</u><br><u>OF CALL</u> | <u>DURATION</u><br><u>OF CALL</u> | <u>PERSON</u><br><u>PLACING CALL</u> |
|----------------------------------|------------------------------------|-------------------------------------|-------------------------------|-----------------------------------|--------------------------------------|
| Coates Cr.                       | Mooreland Ditch                    | 22848.22088                         | 5/1/96                        | Season                            | Jay Vanloan                          |
| Chiquita Dol.                    | Upper Saxbury D.                   | 22848.17806                         | 5/3/96                        | Season                            | Mtn. Island Ranch                    |



TABLE OF ORGANIZATION - PERSONNEL  
IRRIGATION DIVISION NO. IV

Division Engineer - Kenneth W. Knox  
Assistant Division Engineer - Wayne Schieldt  
Administrative Assistant - Jean Kurtz  
Well Commissioner - LuAnn Beasley  
Dam Safety Engineer - James Norfleet  
Hydrographer - Jerry Thrush

Water District 28

WATER COMMISSIONER  
\*Paul Manning

Water District 40

PR. WATER COMMISSIONER  
Jimmie Boyd  
  
SR. WATER COMMISSIONER  
Robert Starr

Water District 41

SR. WATER COMMISSIONER  
Crandall Howard

Water District 42

SR. WATER COMMISSIONER  
Richard Belden  
  
WATER COMMISSIONER  
Lynne Bixler

Cliff Davis  
Merritt Denison  
James Holiman  
Henry LeValley  
Albert Mahannah  
Kenneth Mahannah  
Jack McHugh  
L. Gregg Scott  
Charles Stein  
Stephen Tuck

Water District 59

WATER COMMISSIONER  
George Wear

Water District 60

SR. WATER COMMISSIONER  
Lyman Campbell

Water District 61

WATER COMMISSIONER  
Clinton Oliver

Water District 62

SR. WATER COMMISSIONER  
C. Crandall Howard  
\*Bud McDonald/Carl Hurst

Water District 63

SR. WATER COMMISSIONER  
Richard Belden

Water District 68

WATER COMMISSIONER  
H. Roger Noble

Water District 73

SR. WATER COMMISSIONER  
Richard Belden

\*Temporary

OFFICE ADMINISTRATION AND WORKLOAD MEASURES

ACTIVITY SUMMARY

WATER DIVISION NO. IV

1996 CALENDAR YEAR

ACTIVITY SUMMARY

| <u>ACTIVITY</u>                          | <u>TOTALS</u> |
|--|---------------|
| Professional and Technical Staff         | 3             |
| Clerical Staff                           | 1             |
| Water Commissioners FTE (Full/Part-Time) | 23            |
| 1995 Decreed Surface Rights              | 392           |
| Surface Rights Administered (visits)     | 32,091        |
| Storage Rights Administered (visits)     | 6,523         |
| 1995 Decreed Wells                       | 116           |
| 1995 Decreed Plans of Augmentation       | 8             |
| Consultations with Referee               | 206           |
| Water Court Appearances                  | 55            |
| Meetings with Water Users                | 271           |
| Contacts to Give Public Assistance       | *22,684       |
| *Includes Water Commissioner Contacts    |               |
|  |               |

## WOE TO THE VALLEY

*The old timers in San Miguel were quite a race.*

*Living their lives with a shake of a hand,  
and a smile on their face.*

*One day a stranger appeared  
With money in hand.*

*I want to buy some of your land.*

*I'll build homes and sell them, don't you see?*

*But, I won't cut a tree.*

*I will buy material from other sources,  
And oh by the way,*

*Get rid of all cows and horses.*

*We don't need domestic animals  
Tearing up this ground.*

*Oh my, what a beautiful place I have found.*

*Now us old folks of San Miguel Basin*

*Are no more the quiet race.*

*We all retain lawyers,  
And move at a faster pace.*

Lyman Campbell  
December, 1996