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I. WATER ADMINISTRATION
A. CURRENT WATER YEAR

Regulation of several streams was required during the past irrigation season. We received demands from senior appropriators to administer the La Plata, Mancos, and Florida Rivers. Additionally, it was necessary to curtail uses on some small tributaries of the San Juan and Animas Rivers. The La Plata River experienced fair return flows at the State Line which was of significant benefit to the users of that river, particularly those near the State Line.

The Pine River was not curtailed because Vallecito Reservoir contained adequate storage and the base flows on the streams remained high well into the summer months. The Weminuche Pass Transmountain Diversion did not receive water because they were in the process of installing a new Parshall Flume and repairing the ditch. They were not able to complete the work this season since the U.S. Forest Service did not grant them approval for a permit and access until October.

With McPhee Reservoir in place and filled this year there was no need for a formal call to be placed on the Dolores River, although reservoir releases were made from Groundhog Reservoir and McPhee Reservoir to serve the Montezuma Valley Irrigation District. The reservoir also made deliveries of water to approximately 2,300 acres through the Dove Creek Canal, and municipal water was supplied to the town of Cortez.

There has been a lawsuit filed against the Dolores Water Conservancy District concerning the repayment contract by a few farmers who feel that the cost for water is too high and that the repayment contract is not valid, and would prefer not to receive project water. The suit is in the preliminary stage and nothing has been resolved as yet.

The Animas-La Plata Conservancy District was successful in obtaining approval of the voters for the signing of the repayment contract with the U.S. Bureau of Reclamation for the construction of the Animas-La Plata Project. The vote was 59% in favor and 41% opposed. This was the first opportunity where the public was able to cast a vote concerning the project. The election was very controversial and was perhaps the most divisive election held in recent years in Durango. The project has been discussed and proposed for over eighty years. The election brings it one step closer to becoming a reality.

The San Juan-Chama Project was administered without major problems; the total diversions to New Mexico were 78,860 A.F., of which 32,120 A.F. were diverted from the Blanco River, 42,360 A.F. from the Navajo River, and 4,380 A.F. from the Little Navajo. The usual meeting between the U.S. Bureau of Reclamation and our office was held in April in Chama, New Mexico, where previous years' problems were discussed and planning was done for the upcoming diversion year. The policy to meet with the Bureau on an annual basis has helped reduce the conflicts that historically prevailed. We have installed remote monitoring equipment on both the Blanco and Navajo bypasses and the outlet of the tunnel at Azotea. This has given us instantaneous, as well as daily reading of the diversion activities, and consequently, problems are resolved rapidly.

The water users in Archuleta County recently formed the San Juan Conservancy District which includes Pagosa Springs and surrounding subdivision developments. They plan to evaluate the needs for municipal supplies and select a potential reservoir site that can provide water for all users. The District was formed by holding an election and the public gave it strong support.

The Division staff has been involved with the water user community by attending conservancy district, ditch company and reservoir company meetings. Two open houses were held in the spring; one in Pagosa Springs and the other in Cortez. Announcements were placed in the local newspapers and the public was invited to meet with the Division Engineer and water commissioners to discuss and to present questions concerning water matters in their respective basins. The majority of the inquiries involved ground water issues or water court procedures.

The staff had an opportunity to conduct a tour of our office and a field trip to the La Plata River for State Representative Jim Dwyer. He is in his second year in the state legislature and expressed an interest in the responsibilities and functions of the Division of Water Resources. We believe that the time spent was of value and will attempt to conduct additional informational tours in the future.

A formal paper was presented by the Division Engineer at Fort Collins during the Colorado Water Engineering and Management Conference. The topic was "Management Of The Dolores River With The Use Of The Satellite Monitoring System". The Conference was also attended by the Assistant Division Engineer and Hydrographer which provided them with an opportunity for technical training. The Assistant Division Engineer also participated in a conference in Denver sponsored by the U.S. Committee On Drainage And Irrigation of the National Society of Civil Engineers.

The Division staff is still involved in the Indian Settlement Agreement, which although signed by the state, has not received congressional approval. It has been necessary to make presentations to the local water users, visiting U.S. Congressmen, Indian organizations in Albuquerque, New Mexico, and present a brief statement before the Combined Committees of the U.S. House and Senate Concerning Indian Affairs. There has been opposition raised to portions of the Agreement concerning leasing of tribal waters off reservations by other Colorado River Basin states, primarily California and Arizona. These provisions of the Agreement will need to be resolved before final congressional action is taken.

The workload for the Division staff has decreased with respect to water court activities. This may be a result of the higher fees charged by the court, or the downturn in the economy, particularly evident in the area of subdivision development. This past year only 93 cases were filed which is 57% of the average for the past nine years. The decree for the geothermal wells in Pagosa Springs was finally granted by the court in April after a stipulation was agreed to by the State of Colorado. The case had been pending since 1981. Several years of testing of the system was allowed by agreement of the other geothermal users in Pagosa, and as a result of the data developed, we were able to resolve most of the concerns by operating the system at steady-state flow. The pending

federal reserved cases for the U.S. Forest Service are becoming active and we are working out stipulated agreements with the U.S. attorneys that will allow the cases to proceed. They have been pending since 1973.

The computer system has proven to be an outstanding tool and has been quite useful for tabulation work, diversion records, and budget reports. The tabulation corrections have been completed, the diversion records have been entered, and we are able to receive a bi-monthly budget report. This system has enhanced our ability to manage and improve our efficiency in accomplishing data processing.

Budget for the first six months of the fiscal year has been adequate; however, there may be a reduction in funds due to a shortfall in state revenues. We were allocated \$39,800 for travel and operating and at the end of December 1987, with six months of the budget year elapsed, we had spent \$18,686 which is 47% of our allocation. Our budget allocation was reduced from the previous year and it was necessary that we implement a stringent limitation on the use of four-wheel drive mileage. Four-wheel mileage is only paid for those days that it is absolutely necessary, and if an employee chooses to drive his four-wheel vehicle on days that it is not needed, he is paid at the two-wheel drive rate.

We may be facing serious problems in regard to personnel since two commissioners retired; Bill Lynn and Roy Brown, and one resigned - Richard Robra. With the possibility of budget cuts we are concerned about being able to fill the vacant positions. The division staffing pattern has been analyzed and we have reorganized the three vacant positions into one full-time position and three part-time positions. A copy of the division organization chart, as well as a narrative outlining the changes, is included in the appendix of this report.

B. COMING WATER YEAR

The upcoming year will involve increased workloads for preparation and publication of the 1988 tabulation, review of present uses of water on the Indian reservations, verification of historic diversion records, training of new commissioners, P.A.C.E. evaluations, processing of pending federal reserved water rights claims, continued efforts to fund satellite monitoring equipment, and general administration of water rights.

It is anticipated that the Division will be receiving a dam inspector who will work directly from the Durango office. His duties will probably also include inspection of dams in portions of Divisions 3 and 4. We believe that this will enhance the ability to serve the public in the area of dam safety and will reduce the rather high inspection fees that are presently necessary since the inspectors travel from Denver. This will also reduce travel cost to the state and provide for a more efficient use of man-power.

The present weather patterns are indicating a normal snow pack and with the excellent carryover storage in all of the Division 7 reservoirs, we are looking forward to an adequate water year.

TRANSMOUNTAIN DIVERSIONS SUMMARY

1987 WATER YEAR

WD	NAME	STREAM	PREVIOUS YEAR		IYR OF RECORD		SOURCE	
			A.F.	DAYS	A.F.	DAYS	W.D.	STREAM
20	TREASURE PASS DITCH	RIO GRANDE RIVER	411	57	0	0	29	SAN JUAN RIVER
68	CARBON LAKE DITCH	UNCOMPAHGRE RIVER	447	98	174	115	30	ANIMAS RIVER
68	MINERAL POINT DITCH	UNCOMPAHGRE RIVER	460	98	141	69	30	ANIMAS RIVER
68	RED MOUNTAIN DITCH	UNCOMPAHGRE RIVER	14.2	56	39.0	28	30	ANIMAS RIVER
20	PINE RIVER-WEMINUCHE PASS D.	RIO GRANDE RIVER	961	105	575	99	31	PINE RIVER
20	WEMINUCHE PASS DIVERSION	RIO GRANDE RIVER	3,170	120	0	0	31	PINE RIVER
20	WILLIAMS CREEK SQUAW PASS	RIO GRANDE RIVER	242	30	530	91	78	PIEDRA RIVER
20	DON LA FONT #1(S. River Peak)	RIO GRANDE RIVER	0	0	16.6	43	78	PIEDRA RIVER
20	DON LA FONT #2(Piedra Pass D)	RIO GRANDE RIVER	12.5	26	350	92	78	PIEDRA RIVER

RESERVOIR STORAGE SUMMARIES
1987

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR			IYR OF RECORD				
			BEG. IYR A.F.	%	Beg. Irr. Season A.F.	%	BEG. IYR A.F.	%	BEG. IRR. SEASON A.F.	END IYR A.F.
29	Echo Reservoir	Echo Creek	2,149	100	2,149	100	2,149	100	2,170	2,000
29	Harris Bros. & Boone	Blanco River	206	100	206	100	206	100	206	114
29	TOTAL ALL OTHERS		270	89	302	100	160	53	160	155
	TOTALS		2,625		2,657		2,515		2,536	2,269
30	Cascade Reservoir	Elbert Creek	22,552	96	22,968	97	17,797	76	22,635	18,654
30	Durango Regulatory	Florida River	227	100	227	100	227	100	227	227
30	Johnson Reservoir	La Plata River & Lightner Creek	863	76	1,136	100	1,136	100	1,136	1,024
30	Lemon Reservoir	Florida River	22,934	57	40,219	100	25,316	63	39,908	20,430
30	TOTAL ALL OTHERS		2,935	75	3,929	100	4,191	90	4,202	3,945
	TOTALS		49,511		68,479		48,667		68,108	44,280
31	Vallecito Reservoir	Pine River	61,781	48	120,626	93	64,292	50	120,382	58,223
31	Wommer Reservoir	Bear Creek	140	67	208	100	208	100	208	208
31	TOTAL ALL OTHERS		50	30	167	100	131	78	131	131
	TOTALS		61,971		121,001		64,631		120,721	58,562

RESERVOIR STORAGE SUMMARIES
1987

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR		IYR OF RECORD						
			BEG. IYR A.F.	Beg. Irr. Season %	BEG. IYR A.F.	BEG. IRR. SEASON %	END IYR A.F.				
32	A.M. Puett Reservoir	Dolores River	658	27	2,402	100	658	27	2,402	100	586
32	Narraguinnep Reservoir	Dolores River	14,575	76	18,960	100	14,575	76	18,960	100	14,575
32	Totten Reservoir	Dolores River	1,959	64	2,605	85	2,384	70	3,302	97	2,168
32	TOTAL ALL OTHERS		87	45	127	65	127	65	127	65	127
		TOTALS	17,279		24,094		17,744		24,791		17,456
33	Red Mesa Ward Res.	La Plata River	203	17	1,176	100	940	80	1,176	100	288
33	TOTAL ALL OTHERS		86	100	86	100	86	100	86	100	86
		TOTALS	289		1,262		1,026		1,262		374
34	Bauer Reservoir No. 1	Crystal Creek	68	22	304	100	177	58	256	84	115
34	Bauer Reservoir No. 2	Chicken Creek	880	57	1,533	100	1,054	69	1,533	100	880
34	Jackson Gulch Res.	Mancos River	5,286	53	9,948	100	6,456	66	9,948	100	5,114
34	Sellars & McClane Res.	Mud Creek	17	33	52	100	52	100	52	100	17
34	Weber Reservoir	Middle Fk. Mancos	145	32	442	100	145	32	442	100	231
34	TOTAL ALL OTHERS		19	16	126	100	7	.05	102	81	16
		TOTALS	6,415		12,405		7,891		12,333		6,373

RESERVOIR STORAGE SUMMARIES
1987

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR			IYR OF RECORD		
			BEG. IYR A.F.	Beg. Irr. Season %	A.F.	BEG. IYR A.F.	BEG. IRR. SEASON %	END IYR A.F.
69	Belmar Lake Reservoir	Rincon Creek	0	0	0	0	0	0
69	Morrison Reservoir	Morrison Creek	116	100	116	100	116	100
69	TOTAL ALL OTHERS		127	98	129	100	129	100
	TOTALS		243		245		245	222
71	Big Pine Reservoir	Lost Canyon Creek	284	61	246	53	209	259
71	Groundhog Reservoir	Groundhog Creek	13,220	61	21,790	100	14,830	21,490
71	Summit Reservoir	Lost Canyon Creek	1,730	34	5,012	100	2,025	5,012
71	McPhee Reservoir	Dolores River	151,934	39	292,069	76	290,082	378,375
71	TOTAL ALL OTHERS		164	63	262	100	246	262
	TOTALS		167,332		319,379		307,392	405,398
77	Sappington Reservoir	Coyote Creek	37	11	352	100	41	352
77	Spence Reservoir	Coyote Creek	190	43	441	100	62	441
77	TOTAL ALL OTHERS		15	16	96	100	15	15
	TOTALS		242		889		118	808
								337,881
								216
								350
								15
								581

RESERVOIR STORAGE SUMMARIES
1987

WD	RESERVOIR NAME	STREAM SOURCE	PREVIOUS IYR			IYR OF RECORD			
			BEG. IYR A.F.	Beg. Irr. Season %	A.F.	BEG. IYR A.F.	BEG. IRR. SEASON %	END IYR A.F.	
78	G.S. Hatcher Reservoir	Stollsteimer Creek	1,441	83	1,734	100	1,734	100	1,618
78	Lake Forest Reservoir	Stollsteimer Creek	500	100	500	100	460	92	400
78	Linn & Clark Reservoir	Dutton Creek	0	0	890	79	1,120	100	947
78	Pargin Reservoir	Stollsteimer Creek	531	100	531	100	531	100	531
78	Stevens Reservoir	Dutton Creek	634	100	635	100	635	100	424
78	Town Center Reservoir	Stollsteimer Creek	0	0	600	100	600	100	360
78	Williams Creek Res.	Williams Creek	10,084	100	10,084	100	10,084	100	10,084
78	TOTAL ALL OTHERS		240	63	334	71	280	74	269
		TOTALS	13,430		15,308		15,444		14,633

WATER DIVERSION SUMMARIES BY DISTRICT
1987

WD	TOTAL DITCHES REPORTING				ESTIMATED NUMBER OF VISITATIONS	TOTAL DIVERSIONS - AF-	TOTAL DIVERSIONS TO STORAGE - AF -	TOTAL DIVERSIONS - AF -	IRRIGATION NUMBER OF ACRES IRRIGATED	AVERAGE AF PER ACRE
	ACTIVE		INACTIVE							
	WA	NWA	NU	NR						
29	218	1	94	7	3,145	608	86,474	42,850	11,945	3.59
30	749	12	303	0	9,676	36,226	256,734	166,302	34,727	4.79
31	354	1	82	0	5,082	76,323	323,310	244,093	57,843	4.22
32	229	0	72	1	5,290	34	45,525	184,347 ^{1/}	44,014	4.19
33	109	1	36	4	6,636	497	41,784	35,913	13,357	2.69
34	98	0	15	3	1,922	5,165	47,058	44,133 ^{2/}	11,071	3.99
46	37	0	5	0	855	0	10,899	10,898	1,720	6.34
69	16	0	21	0	122	20	4,506	4,341	1,210	3.59
71	107	0	61	17	3,692	123,576	254,325	10,489	1,387	7.56
77	101	0	16	1	2,178	310	76,451	24,435	4,381	5.58
78	145	3	44	7	2,477	477	29,398	26,272	7,016	3.74
TOTAL	2,163	18	749	40	41,075	243,236	1,176,464	794,073	188,671	4.57
1/	Total deliveries from transbasin (Dist. 71) 146,035 AF, which included 129,737 AF for irrigation									
2/	Total deliveries from transbasin (Dist. 71) 1,096 AF, which included 1,090 AF for irrigation									

WATER DIVERSION SUMMARIES BY DISTRICT IN ACRE FEET (Continued)
1987

WD	TRANS- MTN. OUTFLOW	TRANS- BASIN OUTFLOW	STOCK	MUN.	DOMES.	INDUS.	REC.	FISH	COMMER.	OTHER	COMPACT
29	unrecorded	683	7,346	1,492	762	0	0	530	265	---	32,120 ^{1/}
30	354	0	18,561	5,227	199	24,221	1,299	14,626	656	474	6,008
31	573	0	1,259	905	63	1	17	10	66	0	0
32	0	0	3,938	3,631 ^{2/}	14	0	0	0	1	0	0
33	0	887	4,527	2	35	0	3	0	3	4	845
34	0	0	3,238	777	13	0	82	0	1	0	0
46	0	0	1	0	0	0	0	0	0	0	0
69	0	0	4	0	4	0	0	138	0	0	0
71	0	117,405 ^{3/}	6	526	39	2	3	2,406	4	0	0
77	0	0	240	0	15	1	0	5,358	2	0	46,733 ^{4/}
78	897	0	1,017	2	31	0	0	1,499	75	0	0
TOTAL	1,824	118,975	40,137	12,562	1,175	24,225	1,404	24,567	1,073	478	85,706
1/	32,120 AF	diverted through San Juan-Chama Project to New Mexico									
2/	3,631 AF	delivered from transbasin District 71									
3/	117,405 AF	diverted from Water District 71 to Districts 34 and 32									
4/	46,733 AF	diverted through San Juan-Chama Project to New Mexico									

LA FLATA RIVER COMPACT MONTHLY ADMINISTRATIVE SUMMARY IN ACRE FEET

1987

MONTH	LA FLATA		PINE		HESPERUS		ENTERPRISE		DELIVERED	
	HESPERUS STATION	& CHERRY CR. DITCH	RIDGE DITCH	STATE LINE STATION	DITCH (N. MEX)	TOTAL	DITCH	PIONEER DITCH	STATE LINE TOTAL	REQUIRED DELIVERY 1/2 HESP.
DECEMBER	1250	0	0	3320	0	1250	0	0	3320	3320
JANUARY	633	0	0	1850	0	633	0	0	1850	1850
FEBRUARY	631	0	0	2730	0	631	0	0	2730	2730
MARCH	1330	0	0	649	0	1330	0	0	649	649
APRIL	8350	0	0	20570	0	8350	0	0	20570	20570
MAY	11450	0	473	9210	84.7	11920	84.7	68.2	9360	9360
JUNE	12740	1010	108	5630	158	13860	158	108	5900	5900
JULY	1930	1530	241	1790	139	3700	139	88.7	2020	2020
AUGUST	1360	298	0	837	108	1662	108	28	974	974
SEPTEMBER	677	0	65.3	577	20.6	743	20.6	34.3	632	632
OCTOBER	639	0	0	843	0	639	0	7.3	850	850
NOVEMBER	1320	0	0	2100	0	1320	0	0	2100	2100
TOTAL	42310	2838	887.3	50106	510.3	46038	510.3	334.5	50955	50955

1-2/
504
3-6/
2300
981
424
7/
381

- 1/ New Mexico requested 80 cfs or 1/2 of Hesperus flow, whichever is less, on May 23, 1987
- 2/ New Mexico requested 58 cfs or 1/2 of Hesperus flow, whichever is less, on May 29, 1987
- 3/ New Mexico requested 40 cfs plus flow of Enterprise & Pioneer Ditches, or 1/2 of Hesperus flow, whichever is less on June 1, 1987
- 4/ New Mexico requested 80 cfs plus flow of Enterprise & Pioneer Ditches, or 1/2 of Hesperus flow, whichever is less on June 4, 1987
- 5/ New Mexico requested 70 cfs plus flow of Enterprise & Pioneer Ditches, or 1/2 of Hesperus flow, whichever is less on June 19, 1987
- 6/ New Mexico requested 80 cfs plus flow of Enterprise & Pioneer Ditches, or 1/2 of Hesperus flow, whichever is less on June 22, 1987
- 7/ Water users in Colorado not placing a call on the river from September 30, 1987 on

WATER DIVISION NO. 7

PLANS FOR AUGMENTATION
CALENDAR YEAR 1987

Water Court Case #	Name	Water Dist.	Stream	Amount of Water to be Released (AF or CFS)	Time of Release	Brief Statement of Plan
87CW17	Harris-Patterson Ditch	30	Florida R.	.0046 c.f.s.		Change use to domestic for augmentation of well in Alpine Shadows Subdivision
87CW12	McCluer and Murray Ditch	30	Florida R.	0.25 c.f.s.		Change use to domestic for 12 wells in the Florida River Farms Subdivision
87CW23	Red Mesa Ward Reservoir and Supply Ditch	33	La Plata R. Hay Gulch	0.033 c.f.s.	*	One share (1.0 A.F.) for domestic and livestock for boys' school out of Burleson Well No. 1
87CW25	Illinois Ditch	71	Dolores R.	0.0389 c.f.s.	*	For commercial & irrigation use from the Dolores RV Well No. 1. 7 previously irrigated acres will be dried up
87CW88	Fawn Gulch Ditch (also Park Ditch)	29	San Juan R.	2.18 c.f.s. 1.8 c.f.s.		change to augment municipal and rural domestic use

*Operated as a temporary supply plan before decree was issued.

WATER DIVISION NO. 7

ACTIVITY SUMMARY IYR 1987

<u>ACTIVITY</u>	<u>TOTALS</u>
NUMBER OF PROFESSIONAL AND TECHNICAL STAFF	3
NUMBER OF CLERICAL STAFF	1.25*
NUMBER OF WATER COMMISSIONER FTE ASSIGNED	12
NUMBER OF DECREED SURFACE RIGHTS	91
NUMBER OF SURFACE RIGHTS ADMINISTERED	25,519
NUMBER OF WELLS	504
NUMBER OF PLANS FOR AUGMENTATION	9
NUMBER OF CONSULTATIONS WITH REFEREE	149
NUMBER OF WATER COURT APPEARANCES	5
NUMBER OF MEETINGS WITH WATER USERS	135
NUMBER OF MEETINGS TO RESOLVE WATER RELATED DISPUTES	42
NUMBER OF CONTACTS TO GIVE PUBLIC ASSISTANCE ON WATER MATTERS	11,945

*Temporary CETA help

WATER COURT ACTIVITIES

CALENDAR YEAR 1987

NUMBER OF APPLICATIONS FOR DECREES	93
NUMBER OF CONSULTATIONS WITH REFEREE	129
NUMBER OF DECREES ISSUED BY WATER COURT	120

TYPE OF DECREE:

SURFACE WATER	72
GROUND WATER	32
RESERVOIRS	19
TRANSFER)	5
ALTERNATE POINT)	2
CHANGE IN USE)	4
PLANS FOR AUGMENTATION	4
IN-STREAM FLOW	0
OTHER	55

NUMBER OF STRUCTURES IN DECREES:

TYPES OF STRUCTURES:

DITCHES	39
RESERVOIRS	19
WELLS	43
OTHER (SPRINGS, PIPELINES, PUMPS, ETC.)	42

OFFICE ADMINISTRATION FYR 1987

<u>NAME</u>	<u>POSITION</u>	<u>FISCAL YEAR</u>		<u>FISCAL YEAR</u>
		<u>MONTHS BUDGETED/</u>	<u>WORKED</u>	
DARIES C. LILE	DIVISION ENGINEER	12	12	11,612 S* 1,232 P
KENNETH A. BEEGLES	ASS'T. DIVISION ENGINEER	12	12	2,448 S* 33 P
SCOTT D. BRINTON	HYDROGRAPHER, E.I.T.	12	12	18,105 S*
ANN-LOUISE FAUTH	SENIOR SECRETARY	12	10.5	

FULL TIME EMPLOYEES IN FIELD

<u>NAME</u>	<u>POSITION</u>	<u>DISTRICT</u>			
WILLIAM E. BAKER	W.C. C	32	12	12	1,464 S 9,805 P
RICHARD G. BALTZELL <u>1/</u>	W.C. C	30 Florida	12	12	9,401 P
ROY M. BROWN, JR.	W.C. C	78	12	12	8,659 P
GLEN E. HUMISTON	SR. W.C.	32,34,69,71	12	12	14,139 S* 475 P
J. RUSSELL KENNEDY	SR. W.C.	33	12	12	10,446 P
WILLIAM P. LYNN	W.C. C	29,77,78	12	12	6,680 P
DAVID A. NELSON	W.C. B	30 Animas	12	12	12,483 P
HAL M. PIERCE	W.C. B	31,46	12	12	14,771 P

PERMANENT PART-TIME EMPLOYEES IN FIELD

RICHARD ROBRA	W.C. B	31,46	7.0	6.8	9,321 P
MATTHEW A. SCHMITT <u>2/</u>	W.C. A	33	4.0	4.2	2,881 P
SHERRY SCHUTZ <u>3/</u>	W.C. B	77	7.0	6.8	8,027 P
JOHN J. TAYLOR <u>4/</u>	W.C. B	78	4.0	2.4	1,851 P
	TOTALS		22.0	20.2	47,768 S
	GRAND TOTAL		154.0	150.7	96,065 P
					<u>143,833</u>

*Vehicle used by D.E., A.D.E., W.C. as well as personnel from Denver office

1/ Made Water Commissioner C 7/87

2/ Made Permanent Part-Time 3/87

3/ Made Water Commissioner B 6/87

4/ Made Water Commissioner B 6/87

JANUARY 8, 1988

DIVISION 7 DISTRICT 30 FLORIDA RIVER

AUGMENTED WELLS AND SPRINGS FOR RESIDENTIAL AND SUBDIVISION USE

ALL WELLS AND SPRINGS METERED EXCEPT NOTED

I.D.

6203 ARCHER WELL
6139 ASPEN TRAILS NO. 1 WELL
6140 ASPEN TRAILS NO. 2 WELL
6141 ASPEN TRAILS NO. 3 WELL
6142 ASPEN TRAILS NO. 4 WELL
6264 ACCETTA WELL - NOT CONSTRUCTED
6153 BEACHY WELL
6269 BLUE SPRUCE NO. 1 WELL
6205 BOOKER WELL - NOT CONSTRUCTED
6265 BOWSER WELL
6199 BRUCE WELL
6014 CAMP SILVER SPRUCE NO. 1 WELL - FOREST GROVES SUBDIVISION
6015 CAMP SILVER SPRUCE NO. 2 WELL - FOREST GROVES SUBDIVISION
6221 CLARK WELL
1408 COLVIG SPRING
6260 COLVIG WELL NO. 1
6261 COLVIG WELL NO. 2
6155 COUNTRY AIRE ESTATES - 18 WELLS - 17 METERED - 1 WELL NOT IN USE
6156 COWBOY WELL - COMMERCIAL
6206 CRUM WELL NO. 1
6207 CRUM WELL NO. 2
6170 CULHANE HILLS SUBDIVISION WELLS - 6 WELLS - 5 METERED
6208 DANIELS WELL
1398 EDMONT RANCH PUMPING STATION
6254 ELLIS WELL NO. 1 - NOT CONSTRUCTED
6255 ELLIS WELL NO. 2 - NOT CONSTRUCTED
6170 FLANNAGEN WELL
1101 FLORIDA RIVER ESTATES SPRING
6223 FROMER WELL - NOT PUT TO BENEFICIAL USE
6170 GIBBONS & CULHANE WELL - NOT CONSTRUCTED
6209 GRAY WELL
6184 HACIENDA DE LA FLORIDA - 4 WELLS
6210 HATCH WELL
6248 HATCH WELLS - 3 - NOT CONSTRUCTED
6253 HICKS WELL
6252 HOOD WELL - NOT CONSTRUCTED
6249 KAIME WELL - NOT CONSTRUCTED
6240 LA CHERADE PARK WELL
6201 LOS RANCHITOS WELL NO. 2
6201 LOS RANCHITOS WELL NO. 3
6201 LOS RANCHITOS HOMEOWNER WELL - 4 WELLS
6160 LUTTRELL WELL
6185 MAC DOUGALL WELL - TWO HOUSEHOLDS
6163 MOUNTAIN MEADOWS SUBDIVISION - 3 WELLS
6233 MOUNTAIN VISTA RANCHES NO. 2 WELL

I.D.

6241 O-BAR-O WELL
6236 PURDY NO. 1 WELL
6237 PURDY NO. 2 WELL - NOT CONSTRUCTED
6238 PURDY NO. 3 WELL
6082 RANCHOS FLORIDA WELL NO. 1
6131 ROBERTS WELL
6170 RUTHERFORD & RHODES WELL
1398 SPRING VALLEY PIPELINE - NOT CONSTRUCTED
6266 SQUAW APPLE ESTATES - 1 WELL
6187 SWANK LOT #3 WELL - NOT CONSTRUCTED
6169 D-K SUBDIVISION WELLS - 21 WELLS - 20 METERED
6196 TRICE WELL
6181 TRIOLA WELL
6265 VARIS WELL NO. 1
6265 VARIS WELL NO. 2 - NOT CONSTRUCTED
6180 WAYNE SUBDIVISION WELL
6170 WILSON WELL - NOT CONSTRUCTED

COMMERCIAL AND MUNICIPAL WELLS NOT AUGMENTED

WELLS AND SPRING METERED

6000 AIRPORT SPRING AND COLLECTION BASIN
6147 GATES WELL - NOT CONSTRUCTED
6157 GRANDVIEW NO. 1 WELL
6198 GRANDVIEW NO. 2 WELL
KAYE WELL NO. 1
NORTH RAY AND EAST MARK WELLS - SAME ADJUDICATION
6148 LA BOCA WELL NO. 1
6149 LA BOCA WELL NO. 2
6161 MORTIMER WELL NO. 2
1168 PACIFIC NORTHWEST PIPELINE
6215 TURNER WELL NO. 1
6164 VANDEGRIFT WELL

SUMMARY

127 TOTAL WELLS
109 METERED
13 NOT CONSTRUCTED
2 NOT IN USE
3 NOT METERED

JANUARY 8, 1988

DIVISION 7 DISTRICT 31 PINE RIVER

WELLS AND OTHER STRUCTURES COVERED BY
PINE RIVER IRRIGATION DISTRICT EXCHANGE PLAN

I.D.

731	A POND DITCH	POND EVAPORATION	
727	B POND DITCH	POND EVAPORATION	
5109	BARNHARDT WELL	METERED	
5123	BEAVER CREEK DEV. CO. WELL NO. 2	CONDITIONAL	DECREE
5128	BEAVER CREEK DEV. CO. WELL NO. 3	CONDITIONAL	DECREE
5129	BEAVER CREEK DEV. CO. WELL NO. 4	CONDITIONAL	DECREE
5008	BISHOP BROTHERS WELL	METERED	COMMERCIAL
5097	BLUE SPRUCE WELL	METERED	COMMERCIAL
5061	C. WHEAT WELL NO. 1	METERED	COMMERCIAL
642	CASKEY PUMP AND PIPELINE	METERED	DOMESTIC
5089	CAVIGGIA WELL	METERED	COMMERCIAL
5135	CORSSING CREEK WELL NO. 1	METERED	DOMESTIC
820	D-CREEK FISHERY	POND EVAPORATION	
722	D.H. EMRICK PUMP	METERED	DOMESTIC
685	DARK CANYON SPRING & PIPELINE	METERED	COMMERCIAL
584	DUNSWORTH PIPELINE	METERED	DOMESTIC
5103	DUSTIN WELL	METERED	DOMESTIC
640	E.C. GRINDSTAFF PUMP	METERED	DOMESTIC
5113	EIGHT CORNERS REPLACEMENT WELL	METERED	COMMERCIAL
5087	FIVE BRANCHES WELL	METERED	COMMERCIAL
680	FREEMAN CREEK DITCH & PIPELINE	METERED	COMMERCIAL
621	HAPPY SCENES PIPELINE	METERED	COMMERCIAL
826	HICKS PUMP	METERED	IRRIGATION
5105	HILL WELL	METERED	DOMESTIC
5030	JOE FORD WELL NO. 2	METERED	DOMESTIC
5091	JONES WELL	METERED	MUNICIPAL
646	K.R. BAILEY WATERLINE	METERED	DOMESTIC
5130	KLOCK WELL	METERED	COMMERCIAL
5009	MARRS AND DOYLE WELL	METERED	DOMESTIC
721	MIDDLETON PUMP	METERED	DOMESTIC
5122	MINKLER WELL	METERED	DOMESTIC
5136	MOUNTAIN ROSE WELL NO. 1	CONDITIONAL	DECREE
634	NORWOOD RESIDENCE PUMP & P.L.	METERED	DOMESTIC
3728	OUR FISHING HOLE	POND EVAPORATION	
5101	PACK WELL	NOT METERED	DOMESTIC
3710	PAPAS POND	POND EVAPORATION	
763	PATS POND	POND EVAPORATION	
5095	PEAKE WELL A	NOT METERED	OWNERS UNAVAILABLE
636	PENNINGTON PUMP & PIPELINE	METERED	DOMESTIC
5115	POFFENBERGER WELL	METERED	DOMESTIC
5133	PONDEROSA WELL NO. 3	METERED	COMMERCIAL
5082	PONDEROSA WELL NO. 2	METERED	COMMERCIAL

I.D.

5099	RESTHAVEN WELL	METERED	COMMERCIAL
5100	RIBAUDO WELL	NOT METERED	BUSINESS NOT IN USE
720	RICKETTS PUMP	METERED	DOMESTIC
639	ROBERT BURCH SPRING NO. 2	NOT METERED	VERY LITTLE USE
5029	RUSSELL WELL	METERED	COMMERCIAL
5132	RUWWE WELL	NOT METERED	VERY LITTLE USE
5079	SAFARI LODGE WELL	METERED	DOMESTIC
5035	SAFLEY WELL	METERED	COMMERCIAL
5116	SCHMIDT WELL	METERED	DOMESTIC
693	SHUPE SPRING & PIPELINE	METERED	COMMERCIAL
5092	SILVER SPRUCE WELL	METERED	COMMERCIAL
741	SILVER STREAMS LODGE POND	POND EVAPORATION	
5088	SILVER STREAMS WELL NO. 1	METERED	COMMERCIAL
744	STAININGER PUMP	METERED	DOMESTIC
595	STARDUST SPRING & PIPELINE	METERED	DOMESTIC
5117	SWIER WELL NO. 1	METERED	DOMESTIC
5118	SWIER WELL NO. 2	CONDITIONAL	DECREE
5110	TUTHILL WELL NO. 2	METERED	MUNICIPAL
5039	VALLECITO RESORT WELL NO. 1	METERED	COMMERCIAL
5045	VALLECITO RESORT WELL NO. 2	METERED	COMMERCIAL
651	VALLECITO VALLEY PUMP STATION	METERED	COMMERCIAL
5131	VISTA BONITA WELL	METERED	COMMERCIAL
5093	WELLS COURT WELL	METERED	COMMERCIAL
5075	WILDERNESS CLUB WELL NO. 1	METERED	COMMERCIAL
5076	WILDERNESS CLUB WELL NO. 3	METERED	COMMERCIAL
5077	WILDERNESS CLUB WELL NO. 4	METERED	COMMERCIAL
5090	WITS END WELL NO. 1	METERED	COMMERCIAL
5106	ZYLKA WELL NO. 1	CONDITIONAL	DECREE

DIVISION 7
1987 RIVER CALLS

<u>W.D.</u>	<u>RIVER</u>	<u>INITIAL CALLING STRUCTURE</u>	<u>PRIORITY</u>	<u>DATE ON CALL</u>	<u>MOST SENIOR CURTAILED STRUCTURE</u>	<u>PRIORITY</u>	<u>DATE OFF CALL</u>	<u>DURATION</u>
30	FLORIDA RIVER	Farmers Coop D.	F-84	07/13/87	Florida Farmers D.	F-17	09/28/87	77 days
33	LA PLATA RIVER	Joseph Freed D.	65-32	05/23/87	La Plata Irr. D.	#8	09/30/87	131 days
34	MANCOS RIVER	Long Park Ditch	#38	07/10/87	Davenport Ditch	#9	09/09/87	61 days
29	FOUR MILE CR.	Mesa Ditch	#58	07/16/87	Dutton Ditch	#173	09/03/87**	49 days
29	LITTLE BLANCO R.	Mees Ditch	#7	07/15/87	Echo Ditch	#12	08/15/87	31 days
30	SPRING CREEK	Macy Ditch	68-23	08/17/87	Blakely Reservoir	12/31/81	10/26/87	70 days
30	*SPRING GULCH	MCCDA Ditch	12/31/83	02/28/87	Lyman D. Released Water	A-48	03/24/87	25 days

*Call pursuant to decreed stipulation

**Call came back on at a later date - no information available

WATER COMMISSIONER SUMMARY
DISTRICT 29--1987

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	42,668
STORAGE	608
STOCKWATER	7,346
MUNICIPAL	1,492
DOMESTIC	762
INDUSTRIAL	0
RECREATIONAL	0
FISH	530
OTHER: COMMERCIAL	265
TRANSMOUNTAIN-TRANSBASIN**	683
INTERSTATE	32,120
TOTAL DIVERSIONS	86,474

DELIVERIES FROM STORAGE	
IRRIGATION	182
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: FISH	482
TOTAL FROM STORAGE	664

DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0

DUTY OF WATER:	
TOTAL TO IRRIGATION	42,850
ACRES IRRIGATED	11,945
ACRE-FEET DIVERTED PER ACRE	3.59

NUMBER OF STRUCTURES OBSERVED		320
WATER RUN-NO INFORMATION AVAILABLE (E CODE)		1
ACTIVE DIVERSIONS-DAILY*		168
-INFREQUENT STRUCTURES		50
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)		1
-NOT USED (A,C,D CODE)		94
-NO INFORMATION AVAILABLE (F CODE)		6
NUMBER OF DITCHES		257
NUMBER OF RESERVOIRS		30
NUMBER OF WELLS		33
NUMBER OF OBSERVATIONS		3,145

*Ditches which show no use but had been observed may not be included here.

**Does not show water diverted by Treasure Pass Ditch to Division 3.

WATER COMMISSIONER SUMMARY
DISTRICT 30--1987

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	148,884
STORAGE	36,226
STOCKWATER	18,561
MUNICIPAL	5,227
DOMESTIC	199
INDUSTRIAL	24,221
RECREATIONAL	1,299
FISH	14,626
OTHER: COMMERCIAL, RECHARGE	1,129
TRANSMOUNTAIN-TRANSBASIN	354
INTERSTATE	6,008
TOTAL DIVERSIONS	256,734
DELIVERIES FROM STORAGE	
IRRIGATION	16,989
DOMESTIC	2
MUNICIPAL	0
STOCK	0
INDUSTRIAL	16,312
RECREATIONAL	58
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: AUGMENTATION, RECHARGE	19
TOTAL FROM STORAGE	33,380
DELIVERIES FROM TRANSBASIN	
IRRIGATION	429
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	429
DUTY OF WATER:	
TOTAL TO IRRIGATION	166,302
ACRES IRRIGATED	34,727
ACRE-FEET DIVERTED PER ACRE	4.79
NUMBER OF STRUCTURES OBSERVED	1,064
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY*	221
-INFREQUENT STRUCTURES	528
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	12
-NOT USED (A,C,D CODE)	303
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES	625
NUMBER OF RESERVOIRS	81
NUMBER OF WELLS	366
NUMBER OF OBSERVATIONS	9,676

*Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 31--1987

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	244,093
STORAGE	76,323
STOCKWATER	1,259
MUNICIPAL	905
DOMESTIC	63
INDUSTRIAL	1
RECREATIONAL	17
FISH	10
OTHER:	66
TRANSMOUNTAIN-TRANSBASIN	573
INTERSTATE	0
TOTAL DIVERSIONS	323,310
DELIVERIES FROM STORAGE	
IRRIGATION (INCLUDED IN DIRECT FLOW)	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: RELEASE FROM VALLECITO RES-NO CALL	(82,580)
TOTAL FROM STORAGE	0
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	244,093
ACRES IRRIGATED	57,843
ACRE-FEET DIVERTED PER ACRE	4.22
NUMBER OF STRUCTURES OBSERVED	437
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS--DAILY*	120
-INFREQUENT STRUCTURES	234
INACTIVE DIVERSIONS--NO WATER AVAILABLE (CODE B)	1
-NOT USED (A,C,D CODE)	82
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES	286
NUMBER OF RESERVOIRS	20
NUMBER OF WELLS	131
NUMBER OF OBSERVATIONS	5,082

*Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 32--1987

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	45,169
STORAGE	34
STOCKWATER	307
MUNICIPAL	0
DOMESTIC	14
INDUSTRIAL	0
RECREATIONAL	0
FISH	0
OTHER: COMMERCIAL	1
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	0
TOTAL DIVERSIONS	45,525
 DELIVERIES FROM STORAGE	
IRRIGATION	9,441
DOMESTIC	0
MUNICIPAL	0
STOCK	582
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:	0
TOTAL FROM STORAGE	10,023
 DELIVERIES FROM TRANSBASIN	
IRRIGATION	129,737
STORAGE	9,001
MUNICIPAL	3,666
STOCK	3,631
TOTAL FROM TRANSBASIN	146,035
 DUTY OF WATER:	
TOTAL TO IRRIGATION	184,347
ACRES IRRIGATED	44,014
ACRE-FEET DIVERTED PER ACRE	4.19
 NUMBER OF STRUCTURES OBSERVED	
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY*	165
-INFREQUENT STRUCTURES	64
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	72
-NO INFORMATION AVAILABLE (F CODE)	0
 NUMBER OF DITCHES	
NUMBER OF RESERVOIRS	12
NUMBER OF WELLS	21
NUMBER OF OBSERVATIONS	5,290

Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 33--1987

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	34,985
STORAGE	497
STOCKWATER	4,527
MUNICIPAL	2
DOMESTIC	35
INDUSTRIAL	0
RECREATIONAL	3
FISH	0
OTHER: COMMERCIAL	3
TRANSMOUNTAIN-TRANSBASIN	887
INTERSTATE	845
TOTAL DIVERSIONS	41,784
DELIVERIES FROM STORAGE	
IRRIGATION	928
DOMESTIC	0
MUNICIPAL	0
STOCK	3
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: INCLUDES AUGMENTATION RELEASES	4
TOTAL FROM STORAGE	935
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	35,913
ACRES IRRIGATED	13,357
ACRE-FEET DIVERTED PER ACRE	2.69
NUMBER OF STRUCTURES OBSERVED	150
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	3
ACTIVE DIVERSIONS-DAILY*	44
-INFREQUENT STRUCTURES	65
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	1
-NOT USED (A,C,D CODE)	36
-NO INFORMATION AVAILABLE (F CODE)	1
NUMBER OF DITCHES	110
NUMBER OF RESERVOIRS	9
NUMBER OF WELLS	31
NUMBER OF OBSERVATIONS	6,636

*Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 34--1987

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	37,782
STORAGE	5,165
STOCKWATER	3,238
MUNICIPAL	777
DOMESTIC	13
INDUSTRIAL	0
RECREATIONAL	82
FISH	0
OTHER: COMMERCIAL	1
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	0
TOTAL DIVERSIONS	47,058
DELIVERIES FROM STORAGE	
IRRIGATION	5,261
DOMESTIC	0
MUNICIPAL	168
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: RECREATION AND FISH-JACKSON RES.	400
TOTAL FROM STORAGE	5,829
DELIVERIES FROM TRANSBASIN	
IRRIGATION	1,090
STORAGE	6
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	1,096
DUTY OF WATER:	
TOTAL TO IRRIGATION	44,133
ACRES IRRIGATED	11,071
ACRE-FEET DIVERTED PER ACRE	3.99
NUMBER OF STRUCTURES OBSERVED	116
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY*	70
-INFREQUENT STRUCTURES	28
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	15
-NO INFORMATION AVAILABLE (F CODE)	3
NUMBER OF DITCHES	97
NUMBER OF RESERVOIRS	11
NUMBER OF WELLS	8
NUMBER OF OBSERVATIONS	1,922

*Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 46--1987

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	10,898
STORAGE	0
STOCKWATER	1
MUNICIPAL	0
DOMESTIC	0
INDUSTRIAL	0
RECREATIONAL	0
FISH	0
OTHER:	0
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	0
TOTAL DIVERSIONS	10,899
DELIVERIES FROM STORAGE	
IRRIGATION	0
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:	0
TOTAL FROM STORAGE	0
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	10,898
ACRES IRRIGATED	1,720
ACRE-FEET DIVERTED PER ACRE	6.34
NUMBER OF STRUCTURES OBSERVED	42
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY*	33
-INFREQUENT STRUCTURES	4
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	5
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES	41
NUMBER OF RESERVOIRS	1
NUMBER OF WELLS	0
NUMBER OF OBSERVATIONS	855

*Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 69--1987

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	4,340
STORAGE	20
STOCKWATER	4
MUNICIPAL	0
DOMESTIC	4
INDUSTRIAL	0
RECREATIONAL	0
FISH	138
OTHER:	0
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	0
TOTAL DIVERSIONS	4,506

DELIVERIES FROM STORAGE	
IRRIGATION	1
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:	0
TOTAL FROM STORAGE	1

DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0

DUTY OF WATER:	
TOTAL TO IRRIGATION	4,341
ACRES IRRIGATED	1,210
ACRE-FEET DIVERTED PER ACRE	3.59

NUMBER OF STRUCTURES OBSERVED	37
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY*	9
-INFREQUENT STRUCTURES	7
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	21
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES	31
NUMBER OF RESERVOIRS	5
NUMBER OF WELLS	1
NUMBER OF OBSERVATIONS	122

*Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 71--1987

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	10,358
STORAGE	123,576
STOCKWATER	6
MUNICIPAL	526
DOMESTIC	39
INDUSTRIAL	2
RECREATIONAL	3
FISH	2,406
OTHER: COMMERCIAL	4
TRANSMOUNTAIN-TRANSBASIN	117,405
INTERSTATE	0
TOTAL DIVERSIONS	254,325
DELIVERIES FROM STORAGE	
IRRIGATION	131
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	32,396
OTHER: FISH	14
TOTAL FROM STORAGE	32,541
DELIVERIES FROM TRANSBASIN	
IRRIGATION	0
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	0
DUTY OF WATER:	
TOTAL TO IRRIGATION	10,489
ACRES IRRIGATED	1,387
ACRE-FEET DIVERTED PER ACRE	7.56
NUMBER OF STRUCTURES OBSERVED	185
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY*	55
-INFREQUENT STRUCTURES	52
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	61
-NO INFORMATION AVAILABLE (F CODE)	17
NUMBER OF DITCHES	132
NUMBER OF RESERVOIRS	12
NUMBER OF WELLS	41
NUMBER OF OBSERVATIONS	3,692

*Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 77-1987

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	23,792
STORAGE	310
STOCKWATER	240
MUNICIPAL	0
DOMESTIC	15
INDUSTRIAL	1
RECREATIONAL	0
FISH	5,358
OTHER: COMMERCIAL	2
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	46,733
TOTAL DIVERSIONS	76,451

DELIVERIES FROM STORAGE	
IRRIGATION	136
DOMESTIC	0
MUNICIPAL	0
STOCK	0
INDUSTRIAL	0
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:	0
TOTAL FROM STORAGE	136

DELIVERIES FROM TRANSBASIN	
IRRIGATION	507
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	507

DUTY OF WATER:	
TOTAL TO IRRIGATION	24,435
ACRES IRRIGATED	4,381
ACRE-FEET DIVERTED PER ACRE	5.58

NUMBER OF STRUCTURES OBSERVED	118
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY*	77
-INFREQUENT STRUCTURES	24
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	0
-NOT USED (A,C,D CODE)	16
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES	88
NUMBER OF RESERVOIRS	16
NUMBER OF WELLS	14
NUMBER OF OBSERVATIONS	2,178

*Ditches which show no use but had been observed may not be included here.

WATER COMMISSIONER SUMMARY
DISTRICT 78--1987

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	25,400
STORAGE	477
STOCKWATER	1,017
MUNICIPAL	2
DOMESTIC	31
INDUSTRIAL	0
RECREATIONAL	0
FISH	1,499
OTHER: COMMERCIAL	75
TRANSMOUNTAIN-TRANSBASIN	897
INTERSTATE	0
TOTAL DIVERSIONS	29,398
DELIVERIES FROM STORAGE	
IRRIGATION	190
DOMESTIC	0
MUNICIPAL	648
STOCK	0
FISH	575
RECREATIONAL	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER: STORAGE	(521)
TOTAL FROM STORAGE	1,413
DELIVERIES FROM TRANSBASIN	
IRRIGATION	682
STORAGE	0
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN	682
DUTY OF WATER:	
TOTAL TO IRRIGATION	26,272
ACRES IRRIGATED	7,016
ACRE-FEET DIVERTED PER ACRE	3.74
NUMBER OF STRUCTURES OBSERVED	199
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	1
ACTIVE DIVERSIONS-DAILY*	114
-INFREQUENT STRUCTURES	31
INACTIVE DIVERSIONS-NO WATER AVAILABLE (CODE B)	3
-NOT USED (A,C,D CODE)	44
-NO INFORMATION AVAILABLE (F CODE)	6
NUMBER OF DITCHES	156
NUMBER OF RESERVOIRS	25
NUMBER OF WELLS	18
NUMBER OF OBSERVATIONS	2,477

*Ditches which show no use but had been observed may not be included here.

Roy Romer

~~RECEIVED~~
Governor



JERIS A. DANIELSON
State Engineer

DIVISION OF WATER RESOURCES

DARIES C. LILE, P.E.

DIVISION WATER ENGINEER

DIVISION 7

P.O. Drawer 1880

DURANGO, COLORADO 81302-1880

Office Phone: 247-1845

November 13, 1987

TO: Jeris A. Danielson, State Engineer

FROM: Chuck Lile *Chuck Lile*

SUBJECT: Organization of Division 7

Since our discussion concerning organization of water commissioner time in Division 7, we have carefully considered your suggestions, as well as evaluated the workload needs, and have adjusted our original plan slightly. Please find enclosed a revised organizational chart, along with a brief narrative of each water commissioner's position.

Our plan is to split the vacant water commissioner position on the Piedra River (Roy Brown) into a part-time position on the lower Piedra River and a part-time position on the Dolores River.

In addition, we will redistribute the 7 man-months that were utilized by Richard Robra (Siembritas), giving one man-month to the upper Piedra River (John Taylor) and one-man month to the Dolores position, bringing it to a total of 8 man-months and leaving 5 man-months for District 46. The District 46 position will also provide support in terms of one day per week each assigned to both the Pine and Florida River areas. We will reduce the readings in the Siembritas drainage; however, there is very little administration required. By sharing the commissioner on the Florida and Pine Rivers, we will have valuable support capabilities for both streams when the rivers are on call.

From a review of the man-months that were assigned to the San Juan, Piedra, and Navajo Rivers in 1978, which included Bill Lynn (12), Bob Sh han (4), Larry Nielsen (12), Ronnie Robinson (4), and Roy Brown (9) for a total of forty-one (41), we will now have 29 man-months, or a reduction of 12 man-months which have been reassigned, along with two man-months from District 46 to the La Plata and Dolores Rivers.

Please let me know if you agree with the revisions. In effect, there are no additional positions above those that we discussed, but there is a reallocation of man-months.

WATER COMMISSIONER POSITION NARRATIVES

SENIOR WATER COMMISSIONER, DISTRICT 33

J. Russell Kennedy (full-time)

Drainage: La Plata River

Number of Structures: 157

Number of Observations: 1,499

Number of Miles Driven: 10,446

Streams Administered: La Plata River & tributaries

Call Period: February 15 thru November 30

WATER COMMISSIONER A, DISTRICT 33

Matthew A. Schmitt (4 man-months)

Drainage: La Plata River

Number of Structures: (tabulated under Russell Kennedy)

Number of Observations: 736

Number of Miles Driven: 950

Streams Administered: Assists on La Plata River

Call Period: February 15 thru November 30

SENIOR WATER COMMISSIONER, DISTRICTS 32, 34, 69, & 71

Glen E. Humiston (full-time)

Drainages: Mancos River, Dolores River, Disappointment Creek & McElmo Creek

Number of Structures: District 34 121

District 71 193

Total 314

Number of Observations: 664

Number of Miles Driven: 14,614

Streams Administered: Mancos River & tributaries and Dolores River

Call Period: Mid June thru September

WATER COMMISSIONER C, DISTRICTS 32, 69, & 71

William E. Baker (full-time)

Drainages: McElmo Creek, Disappointment Creek, and Dolores River

Number of Structures: District 32 294

District 69 40

Total 334

Number of Observations: 1,976

Number of Miles Driven: 11,269

Streams Administered: McElmo Creek

Call Period: early spring and late summer occasionally, depending upon
return flows from M.V.I.

WATER COMMISSIONER A, (DISTRICTS 69 & 71

VACANT (8 man-months) new position

Drainages: Disappointment Creek and Dolores River

Number of Structures: District 69 40
District 71 193

Total 233

Number of Observations:*

Number of Miles Driven:

Streams Administered: Dolores River

Call Period: July thru September

*Number of observations will be approximately twice weekly for major structures, others - monthly. More readings by all staff in area.

WATER COMMISSIONER C*, DISTRICT 30

David A. Nelson (full-time)

Drainage: Animas River

Number of Structures: 612

Number of Observations: 3,088

Number of Miles Driven: 12,483

Streams Administered: Elbert Creek

Call Period: July thru September

Note: assists in Division office 2 days per week

*Water Commissioner C level being requested

SENIOR SECRETARY

Ann-L. Fauth (full-time)

Clerical staff for Division office

WATER COMMISSIONER C, DISTRICT 30

Richard G. (Bo) Baltzell (full-time)

Drainage: Florida River

Number of Structures: 417

Number of Observations: 3,749

Number of Miles Driven: 9,401

Streams Administered: Florida River

Call Period: May thru September

Note: assists in Division office one day per week

WATER COMMISSIONER A, DISTRICT 46

VACANT (5 man-months), (Richard Robra resignation)

Drainage: Siembritas Arroya

Number of Structures: 99

Number of Observations: 3,264

Number of Miles Driven: 9,321

Streams Administered: no direct administration

Call Period: disputes between waste water May thru September

Note: new position will also work 1 day per week on the Pine River and on the Florida River to provide support for Bo Baltzell and Hal Pierce.

WATER COMMISSIONER C*, DISTRICT 31

Hal M. Pierce (full-time)

Drainage: Pine River

Number of Structures: 345

Number of Observations: 2,897

Number of Miles Driven: 14,771

Streams Administered: Pine River

Call Period: mid June thru September

Note: assists in Division office one day per week

*Water Commissioner C level is being requested

WATER COMMISSIONER C/B, DISTRICT 29

VACANT (full-time), (Bill Lynn retired)

Drainage: San Juan River

Number of Structures: 154

Number of Observations: 1,977

Number of Miles Driven: 9,178

Streams Administered: Snow Ball Creek, Four Mile Creek, Turkey Creek, and
Little Blanco River

Call Period: July thru September

Note: also keeps Pagosa Springs sub-office open for public assistance

WATER COMMISSIONER B, DISTRICT 78

John Taylor (5 man-months) (previously 4 man-months)

Drainage: Upper Piedra River

Number of Structures: 54

Number of Observations: 1,245

Number of Miles Driven: 1,851

Streams Administered: East Fork Piedra River, Stollsteimer Creek, and
Devil Creek

Call Period: July thru September

Note: increase present position one man-month and add Stollsteimer and
Devil Creeks to area of responsibility

WATER COMMISSIONER B, DISTRICT 77

Sherry L. Schutz (7 man-months)

Drainage: Navajo River

Number of Structures: 114

Number of Observations: 1,648

Number of Miles Driven: 8,027

Stream Administered: monitor San Juan-Chama Project

Call Period: diversions start as early as April and continue thru October

Note: duties also include observation of transbasin diversions from Blanco
River, and assist hydrographer on measurements and record keeping

WATER COMMISSIONER A, DISTRICT 78

VACANT (5 man-months), (Roy Brown retirement) (previously 12 man-months)

Drainage: Lower Piedra River and Lower San Juan River

Number of Structures: 319

Number of Observations: 6,443

Number of Miles Driven: 12,304

Stream Administration: primarily observation of diversions and support
for Water Commissioner on San Juan River system

Call Period: generally no call

The total number of structures, number of observations, and miles driven do not reflect a true comparison of positions since other duties relating to a position include supervision of deputy commissioners, water court field inspections, well inspections, record keeping, attending meetings, dam inspections, difficulty and complexity of administration, and public assistance. In addition, the geography varies as well as road systems which affect the ability of a commissioner to make observations.

Therefore, comparison of numbers were not used as the absolute basis for making position assignments.

DIVISION 7 ORGANIZATION CHART

