May 3, 2005

Mr. John R. D'Antonio, Jr., P.E.
New Mexico State Engineer
Office of the State Engineer
P.O. Box 25102
Santa Fe, New Mexico 87504-5102

Dear Mr. D'Antonio:

I herewith transmit to you, in accordance with New Mexico Statutes Annotated Section 72-3-5 (1985 Repl. pamp.), the Annual Report of the Watermaster of the Pecos Valley Surface Water District for the calendar year 2004. This report covers activities of the Watermaster and his assistant(s) during the irrigation season.

Respectfully submitted,

Robert C. Turner, Watermaster
Pecos Valley Surface Water District

RCT/amm

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WATERMASTER REPORT
PECOS VALLEY SURFACE WATER DISTRICT
2004

ROBERT C. TURNER
WATERMASTER

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INTRODUCTION

The Pecos Valley Surface Water District was declared by Order of the State Engineer on July 1, 1952. On January 20, 1956, the State Engineer issued an Order extending the District and on May 11, 1959, and June 4, 1963, orders were issued reducing the District, for economical and satisfactory operation, to its present boundaries. The District now includes the Pecos River and most of the tributaries from a line south of Santa Rosa dividing Sections 19 and 30 in Township 8 North, Range 22 East, N.M.P.M., south to the New Mexico – Texas state line.

The waters of the District are administered in conformance with specific State Engineer Findings and Order's, permits and licenses, and adjudications by the courts, including the following:

> United States v. Hope Community Ditch et al., No. 712 Equity, United States District Court for the District of New Mexico (1933).
>
> Livingston v. Neeson et al., No. 5144, Fifth Judicial District in and for Eddy County, New Mexico (1931).
>
> United States v. Harkey et al., No. 1610 Equity, United States District Court for the District of New Mexico.
>
> Harkey v. Parkhurst et al., No. 3258, District Court for Eddy County, New Mexico (1920).
>
> United States v. Judkins et al., No. 112, Fifth Judicial District for the Territory of New Mexico (1912).
>
> State of New Mexico v. L.T. Lewis, et al., Chaves County Cause Nos. 20294 and 22600 Consolidated, Partial Final Decree, Pecos River Pump Section (1992).
>
> State Engineer Findings and Order: June 10, 1964, September 22, 1972, and approved amendment January 8, 1982.
>
> March 17, 1980 – "Determination of Ft. Sumner Irrigation District Direct Flow Right with the Los Esteros Project in Operation."

The waters within the District are administered by the Watermaster who is appointed by the State Engineer in accordance with New Mexico Statutes Annotated, Chapter 72, Article 3, Section 3. This appointment is subsequently confirmed by order of the District Court. The Pecos River Watermaster maintains offices in the District II Office of the State Engineer at 1900 West Second Street in Roswell.

GENERAL

Robert C. Turner served as Pecos River Watermaster for the year 2004. Angela M. Molinar served as Secretary-Computor.

The operation of the Pecos Valley Surface Water District is financed by assessment of the water users in the District (in accordance with New Mexico Statute 72-3-4), which includes four counties: Chaves, DeBaca, Eddy and Guadalupe. The rate of assessment is determined by dividing the total approved budget for the next fiscal year by the total acre feet of water diverted in the past calendar year. Each user is then assessed his proportionate share based on the quantity of water he diverted.

The field work of the Watermaster consists generally of apportioning water among the users, servicing automatic water-stage recorders, making discharge measurements, and making field inspections for water use, supply and unauthorized diversions and waste.

Office work consists of computing and checking current meter measurement notes and discharge records; computing, tabulating and distributing records of drain water supply and use; computing and compiling assessment rolls; compiling reports, operating budgets and records of water analysis; routine correspondence, and conferences with water users. Activities of the Watermaster are reported to the State Engineer at the end of each irrigation season (January 1 through December 31) in accordance with New Mexico Statutes 72-3-5.

Personnel of the District II Office of the State Engineer assisted in servicing water-stage recorders, and conducting various field investigations. District II personnel also assisted with some of the necessary office work.

As in the past, personnel of the Water Resources Branch of the United States Geological Survey were most cooperative, especially U.S.G.S. personnel within the Carlsbad office. They furnished equipment, records, and technical information, which were of great value in the apportionment of water. The Carlsbad Irrigation District and the Ft. Sumner Irrigation District extended full cooperation to the Watermaster. The Interstate Stream Commission also furnished much needed technical information and provided expertise in stream flow measuring

PECOS RIVER PUMPERS ASSOCIATION DRAIN POOL

The Pecos River Pumpers Association drain pool (common fund of drain rights) consists of farm owners in the Dexter-Hagerman area who own private water and was formed in 1956 when the quantity of flow in individual drain lines became insufficient for efficient use. The drain pool comes under the Watermaster's jurisdiction as the river is used as a carrier. Operating drain lines are equipped with Parshall flumes or other approved measuring devices, and all drain water diverted is metered and recorded. The flow available for use is considered to be the flow of the drains at any time, less ten percent loss in transit. With the exception of two drain lines, all remaining drains have either been purchased along with public surface water rights, or are no longer operational.

In 2004, 175.51 acre-feet of measured private drain water were contributed to the Pecos River, with 62.99 acre feet of this being diverted by the users from the Pecos River Pumpers Association drain pool. In 2003, 309.49 acre-feet of measured private water were contributed with 24.42 acre feet diverted. A tabulation of the drain measurements is contained in Table 6, page 25 of this report.

SPECIAL INVESTIGATIONS

Inspections were made each month of land, irrigation ditches, and diversion points in the reach of the Pecos River between the town of Santa Rosa and the East and West Puerto de Luna Community Ditches. This area was removed from the Pecos Valley Surface Water District in June 1963, and the inspections were to determine if any new diversions or other changes were being made. No new diversions or changes were noted during the year.

MEETINGS AND OTHER ACTIVITIES

In 2004, numerous meetings were held with water users in the field. Discussions dealt with access problems, water usage, recorder and flume operation and general ditch, flume and recorder maintenance. Meetings were also held to discuss channel modifications, meter locations and gauging station placement. Also attended meetings and training throughout the year concerning Carlsbad Supplemental Wells Rules and Regulations, Emergency Preparedness training, Hagerman Canal accounting and operations, FSID operations, diversity training and Lea Lake overflows. During the irrigation season, weekly conference calls were attended concerning reservoir operations on the Pecos River. Participants represented numerous agencies including ISC, OSE, CID FSID, USBOR, USACOE, USFWS, NM Parks, NMDGF, and the USGS. Technical information was shared and discussed with personnel from other state and federal agencies in the field and by phone.

SUPPLY AND STORAGE

Data on daily gage heights, contents of reservoirs and flow of the Pecos River at various points are collected and tabulated by the United States Geological Survey, Water Resources Branch, in cooperation with the New Mexico State Engineer and other state, local and federal agencies. These data are published annually.

Santa Rosa Dam has regulated the flows at the Pecos River near Puerto de Luna gage since April 1980. The recorded streamflow for 2004 was 111,000 acre-feet, or 75 percent of the average (144,900 acre feet for the current 20-year period). Peak flow for 2004 was 6,590 c.f.s. and occurred on October 5, 2004.

The Rio Hondo at Roswell gage was closed permanently on May 18, 1997. The U.S.G.S. opened Rio Hondo near Roswell gage, located east of Roswell. The recorded runoff in the lower part of the Hondo River water shed, a major tributary of the Pecos River, was 3,833 acre feet in 2004. The gage at Rio Hondo near Roswell recorded the maximum daily flow of 102 c.f.s. on October 6, 2004.

Stream flow in the lower Pecos River Basin (in New Mexico) as recorded at the Artesia gage was 139,100 acre feet or 84 percent of the average (142,730 acre feet for the current 20-year period). The amount recorded at this station in 2003 was 56,240 acre-feet. Peak flow for 2004 at the Artesia gage was 2,100 c.f.s. and occurred on October 10, 2004.

The quantities measured at the Artesia gage include releases from Sumner Reservoir made by the Carlsbad Irrigation District. Water released from Sumner Lake is summarized in Table 1 following herewith. This information was provided by Jon Trotter, Sumner Lake Damtender.

Below Carlsbad, the flow of Black River above Malaga in 2004 was 10,470 acre-feet or 113 percent of average (9,270 acre feet for the current 20-year period). The amount recorded at this station in 2003 was 3,960 acre-feet. The peak flow was 3,220 c.f.s. on September 30, 2004. The Carlsbad Irrigation District received the total of their decreed right of 2800 acre-feet on October 2, 2004.

The flow of the Pecos River from Carlsbad to the Texas state line, as measured at the Red Bluff gage, was 125,200 acre feet or 116 percent of average (81,870 acre feet for the current 20-year period). The amount recorded at this gage in 2003 was 22,450 acre-feet. The peak flow of 40,100 c.f.s. occurred on April 5, 2004.

Summaries of reservoir content and stream flow during 2004 are shown in Tables 2 and 3 following herewith.

TABLE 1

ANNUAL RELEASE OF WATER RELEASED FROM SUMNER LAKE – 2004

(ACRE FEET)

MONTH	SEEPAGE	TO C.I.D. (BRANTLEY)	TO F.S.I.D.	OTHER	TOTAL
JANUARY	-0-	-0-	-0-	1,784.31	1,784.31
FEBRUARY	4.38	-0-	1,269.21	978.67	2,252.26
MARCH	1.03	16,882.48	5,422.64	-0-	22,306.15
APRIL	26.65	-0-	2,979.78	-0-	3,006.43
MAY	-0-	-0-	6,151.07	-0-	6,151.07
JUNE	-0-	-0-	3,847.52	125.70	3,973.22
JULY	-0-	-0-	4,559.90	83.79	4,643.69
AUGUST	4.58	-0-	3,668.19	-0-	3,672.77
SEPTEMBER	-0-	33,417.70	3,060.78	57.90	36,536.38
OCTOBER	3.88	-0-	4,653.91	-0-	4,657.79
NOVEMBER	10.71	-0-	49.60	434.49	494.80
DECEMBER	0.46	-0-	-0-	462.43	462.89
TOTAL	51.69	50,300.18	35,662.60	3,927.29	89,941.76

TABLE 2 – SUMMARY OF RESERVOIR CONTENT

2004

CONTENT IN ACRE FEET

RESERVOIR	SPILLWAY CREST	12/31/03 STORAGE	2004 MAXIMUM	2004 MINIMUM	12/31/04 STORAGE
SANTA ROSA LAKE	438,400	5,070	57,120 Aug. 22	1,610 Feb. 13	30,250
LAKE SUMNER	94,750	11,440	23,570 Dec. 31	2,050 July 22	23,570
BRANTLEY LAKE	1,008,000	6,180	42,470 Nov. 1	5,620 Sept. 20	36,510
LAKE AVALON	4,330	1,720	5,920 April 4	732 Nov. 29	1,460
RED BLUFF	289,700	55,330	40,100 April 5	55,330 Jan. 2	117,350

TABLE 3 – SUMMARY OF STREAM FLOW – PECOS RIVER IN NEW MEXICO AT U.S.G.S. STATIONS – 2004

STATION NAME & NO.	PERIOD OF RECORD			2004		2003	
	YEAR OF RECORD	AVERAGE ANNUAL RUNOFF	CURRENT 20 YEARS	MEAN C.F.S.	ACRE FEET	MEAN C.F.S.	ACRE FEET
NEAR PUERTO DE LUNA (08383500)(Sec 20, T6N, R23E)	66	147,100	144,900	154.0	111,000	107.0	77,330
BELOW SUMNER DAM (08384500)(Sec 2, T4N, R24E)	68	135,270	134,760	131.5	95,230	95.7	69,010
NEAR ACME(08386000) (Sec 14, T9S, R25E)	67	126,700	118,090	138.3	100,600	51.0	36,790
NEAR ARTESIA (08396500)(Sec18,T17S,R27E)	68	164,780	142,730	191.0	139,100	77.9	56,240
NEAR LAKEWOOD (Kaiser Channel)(08399500)(Sec5,T19S,R27E)	53	------	------	191.4	139,180	75.9	54,921
BELOW BRANTLEY DAM (08401500)	16	117,860	------	127.7	92,640	77.0	55,730
BELOW DARK CANYON AT CARLSBAD(08405200) (Sec 6, T22S, R27E)	35	41,880	48,320	127.4	91,290	15.5	11,070
NEAR MALAGA (08406500) (Sec 19, T24S, R29E)	68	109,300	78,970	142.7	102,600	30.5	21,890
AT RED BLUFF (08407500) (Sec 1, T26S, R28E)	67	107,470	81,870	174.1	125,200	31.3	22,450

WATER DIVERSION

The waters of the Pecos Valley Surface Water District are administered in accordance with licenses and court decrees as set forth in the introduction of this report. In these licenses and decrees, the annual duties or diversion per irrigated acre, vary from 2.0 to 4.0 acre feet. By reaches, the various general annual duties set out in the decrees are 2.0 acre feet per acre from the Puerto de Luna area to Sumner Lake, 2.5 acre feet per acre from Sumner Lake to the mouth of Salt Creek; and 3.0 acre feet per acre (plus conveyance loss) from the mouth of Salt Creek to the Texas state line. Some individual rights in the reach below Carlsbad have decreed annual duties of 3.75 and 4.0 acre feet per acre.

At the end of the 2004 irrigation season there were 32 recording measuring devices serviced by the Watermaster in the Pecos Valley Surface Water District. This total includes four measuring devices of the United States Geological Survey in the Santa Rosa area, and one on Black River near Malaga. Approximately 19 other recording stations are visited on a regular basis but are not serviced. These are stations in which the water rights have been purchased or leased by the Interstate Stream Commission or the Bureau of Reclamation and were not irrigated in 2004. Other stations have had the power disconnected, or water for irrigation is no longer available in sufficient quantity to make pumping practical. No diversion of surface water was observed at those river and tributary diversion points in the District that were not equipped with recording devices.

The water users under the Puerto de Luna Community Ditches below Santa Rosa, which divert from the Pecos River and tributaries, had substantial flow all year and were able to divert flow to more than meet their requirements; that in excess of requirements was returned to the river through sluice-channels.

The diversion right of the Ft. Sumner Irrigation District during the regular irrigation season (March 1 through October 31) is the first 100 c.f.s. normal flow occurring at both the above Santa Rosa Lake, NM gage and the near Puerto de Luna, NM gage. The average flow available during the entire irrigation season was 88.6 c.f.s. The Irrigation District also has a right to divert for two periods, not in the regular season and not to exceed eight days each, during the months of November through February. The District did exercise this right in 2004.

The water users in that reach of the Pecos River from Roswell to Artesia (Middle River Pumpers) had a below average supply of water available from Sumner Reservoir through most of the irrigation season.

The Carlsbad Irrigation District diverted 50,626 acre-feet from the Pecos River in 2004, as compared with 37,750 acre feet diverted in 2003 and 41,580 in 2002. Some of the water right acreage in this District also received water from individually owned supplemental wells, and the District has a decreed right of 2,800 acre feet from Black River.

A total of -0- acre-feet was delivered to Willow Lake in 2004. Willow Lake contained -0- acre-feet on December 31, 2004, and -0- acre-feet on December 31, 2003.

In 2004, a total of 114,720.52 acre feet of public surface water was diverted under the jurisdiction of the Pecos River Watermaster, of which 102,231.32 acre feet was diverted for irrigation purposes, -0- acre feet was diverted for irrigation storage and recreation, and 12,489.20 acre feet was available for municipal and commercial purposes. The municipal and commercial use includes the water rights of the City of Carlsbad. In addition, 62.99 acre-feet of private water (Pecos River Drain Pool) and 14.98 acre feet of supplemental ground water were diverted under the Watermaster's jurisdiction.

The Red Bluff Water Power Control District, under Permit No. 3254 approved by the State Engineer on March 30, 1971, may divert Pecos River water in New Mexico for salinity alleviation of water entering Red Bluff reservoir and for industrial use in Texas.

This permit was approved subject to an agreement signed by the Pecos River Commissioners for Texas and New Mexico and with the understanding that water measured at the existing United States Geological Survey gage, "Pecos River at Red Bluff, New Mexico," which is upstream from the Red Bluff Water Power Control District diversion, shall be considered and accounted for as water delivered at the New Mexico-Texas state line, notwithstanding the fact that the water under Permit No. 3254 will be diverted upstream from the New Mexico-Texas state line. The Red Bluff Water Power Control District submitted the usage in gallons on a monthly basis which was 0 gallons in 2004.

A summation of water diverted within the District above Red Bluff gage during 2004 (Table 4) and a summation of annual water diverted, by various reaches, from 1956 through 2004 (Table 5) follows.

TABLE 4 – SUMMARY OF WATER DIVERTED

PECOS VALLEY SURFACE WATER DISTRICT
2004

DIVERSION UNIT AND SOURCE	***ACRES OF WATER RIGHT***		***ACRE FEET DIVERTED(a)***			***ACRE FEET/ACRE(b)***
	PUBLIC	PRIVATE	PUBLIC	PRIVATE	WELL(h)	PUBLIC
PECOS RIVER ABOVE SUMNER DAM						
EAST PUERTO DE LUNA DITCH	**352.06**		2000.76			5.68
WEST PUERTO DE LUNA DITCH	**247.30**		2476.37			7.80
SANCHEZ, ARSENIO	**63.93**		20.03			0.31
TOTAL	***663.29***		***4497.16***			
PECOS RIVER FROM SUMNER DAM TO THE MOUTH OF SALT CREEK						
PECOS RIVER FROM THE MOUTH OF SALT CREEK TO McMILLAN RESERVOIR						
-BERRENDO CREEK-						
ATKINS, JACKIE(i)	**73.00**		0.00			0.00
BLACKWELL, E. CLYDE(i)	**38.30**		0.00			0.00
BROWNING, CHARLES(h, i)	**74.52**		0.00			0.00
GONZALES, STEVEN & MARLA (h, i)	**52.54**		0.00			0.00
JENNINGS, EMMITT M. (h, i)	**188.00**		0.00			0.00
-RIO HONDO-						
HAGERMAN CANAL CO.(c, e)	**8332.07**		6524.67			0.78

TABLE 4 – SUMMARY OF WATER DIVERTED

PECOS VALLEY SURFACE WATER DISTRICT
2004

DIVERSION UNIT AND SOURCE	***ACRES OF WATER RIGHT***		***ACRE FEET DIVERTED(a)***			***ACRE FEET/ACRE(b)***
	PUBLIC	PRIVATE	PUBLIC	PRIVATE	WELL(h)	PUBLIC
-PECOS RIVER-						
BARBE, MADELINE	**80.00**		0.00	0.00		0.00
CHOAT, ROY(c,d)	**405.00**	**54.40**	7.20	0.00		0.02
GAME & FISH(BUREAU OF RECL)(e)	**56.47**		0.00	0.00		0.00
GOMEZ, GILBERT	**174.00**		48.56	0.00		0.28
***INTERSTATE STREAM COMM(c,d)**	**80.00**		0.00	0.00		0.00
***INTERSTATE STREAM COMM (LAKE ARTHUR FARMS)(c,d)**	**303.30**		0.00	0.00		0.00
***INTERSTATE STREAM COMM (ANGELL, LEWIS)(c,d)**	**280.30**	**155.30**	0.00	0.00		0.00
***INTERSTATE STREAM COMM BRAMBLETT(d,e)**	**270.00**		0.00	0.00		0.00
BUFFALO VALLEY & PARKER UPPER	**1405.30**	**255.30**	0.00	0.00		0.00
***INTERSTATE STREAM COMM (GLOVER, KATHY)(c)**	**92.70**		0.00	0.00		0.00
***INTERSTATE STREAM COMM (RHODES, M.L.)(c,d)**	**88.40**	**123.00**	0.00	0.00		0.00
***INTERSTATE STREAM COMM (UTTERBACK, ROBERT)(c,d)**	**224.70**	**40.00**	0.00	0.00		0.00
LANGENEGGER, JIM(c,d)	**257.80**		0.00	0.00		0.00
LANKFORD, ROYCE	**217.60**		0.00	0.00		0.00
LATHROP, COLIN & DIANA	**13.30**		0.00	0.00		0.00
MORRIS, BRAD	**130.00**		0.00	0.00		0.00
POLLARD, CECIL	**60.00**		45.61	0.00		0.76
RHODES, WANDA(c,d)	**29.40**	**114.95**	89.42	62.99		3.04
WHITE, DR. STEPHEN(h)	**15.00**		5.26	0.00	14.98	0.37
TOTAL	***12941.70***	***742.95***	***6720.72***	***62.99***	***14.98***	

TABLE 4 – SUMMARY OF WATER DIVERTED

PECOS VALLEY SURFACE WATER DISTRICT
2004

DIVERSION UNIT AND SOURCE	***ACRES OF WATER RIGHT***		***ACRE FEET DIVERTED(a)***			***ACRE FEET/ACRE(b)***
	PUBLIC	PRIVATE	PUBLIC	PRIVATE	WELL(h)	PUBLIC
PECOS RIVER FROM BRANTLEY RESERVOIR TO TEXAS STATE LINE -IRRIGATION-						
CARLSBAD IRRIGATION DIST.(f)	**25055.00**		50626.00			2.02
CITY OF CARLSBAD – GOLF COURSE – NORTH & SOUTH PUMPS	**167.98**		0.00			0.00
CONQUISTADOR COUNCIL	**10.60**		0.02			0.00
EDEAL, PATRICK & CAROLE	**2.00**		4.37			2.19
***INTERSTATE STREAM COMM (McDONALD, CLARENCE)**	**473.00**		0.00			0.00
SIBLEY, WILLIAM C.	**97.10**	**SUPPL. UNDERGROUND**	9.00			0.09
***INTERSTATE STREAM COMM (CITY OF CARLSBAD-HARROUN CANAL)**	**1918.70**		0.00			0.00
TOTAL	***27724.38***		***50,639.39***			

TABLE 4 – SUMMARY OF WATER DIVERTED

PECOS VALLEY SURFACE WATER DISTRICT
2004

DIVERSION UNIT AND SOURCE	***ACRES OF WATER RIGHT***		***ACRE FEET DIVERTED(a)***			***ACRE FEET/ACRE(b)***
	PUBLIC	PRIVATE	PUBLIC	PRIVATE	WELL(h)	PUBLIC
-COMMERCIAL-						
CITY OF CARLSBAD –						
TANSIL DAM	**COMMERCIAL**		12115.60			
BATAAN REC. LAKE	**COMMERCIAL**		373.60			
TOTAL			***12489.20***			
-BLACK RIVER-						
BLUE SPRINGS RANCH	**1076.20**		2259.19			2.10
CARLSBAD IRRIGATION DIST.(g)			2900.00			
LORENTZEN, JOHN & DENA						
& SAVAGE, MARK S.	**13.34**		44.47			3.33
SAVAGE, MARK S.	**6.67**		22.39			3.36
INTERSTATE STREAM COMMISSION	**573.71**		0.00			
(WILLOW LAKE(STORAGE & IRR)						
TOTAL	***1669.92***		***5226.05***			
IRRIGATION TOTAL	***49582.665***	***742.95***	***102231.32***	***62.99***	***14.98***	
COMMERCIAL TOTAL			***12489.20***			
GRAND TOTAL			***114720.52***	***62.99***	***14.98***	

EXPLANATIONS:

a. Quantities diverted are inclusive of permitted carriage losses. In some cases, as at Puerto de Luna, quantities diverted include water returned, but not measured, to the river.

b. Water per acre does not reflect private water used.

c. Private water also used to supplement river right.

d. Pecos River Pumpers Association Drain Pool members; acreage irrigated is included in both public and claimed private-right figures.

e. Part of these rights, totaling 522.70 acres in addition to the 8,322.07 under the Hagerman Canal are combined with decreed groundwater rights and are duplicated in the Roswell Basin Watermaster's records.

f. The acre feet/acre figure includes both Pecos River and Black River diversions.

g. Acreage under this right is part of the 25,055 acres of the C.I.D. shown as irrigated from Pecos River.

h. Well water is supplemented to surface right and figures are duplicated in the Roswell Basin Watermaster's records.

i. These surface waters are no longer diverted due to insufficient quantities of water, but are supplemented by underground water. The supplemental underground water usage is reflected in the R.A. Basin Watermaster's records.

* All water rights appurtenant to these lands have been purchased by the ISC and no further diversions to them will be made.

TABLE 5
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1956	1957	1958	1959	1960	5 YEAR AVERAGE
ABOVE ALAMOGORDO DAM (2)	819	I	I	I	1,415	1,046	1,231
FT. SUMNER IRRIGATION DIST.	5,400	35,647	31,190	32,251	39,975	35,835	34,980
ALAMOGORDO DAM TO ACME	174	-0-	-0-	348	55	50	151
ACME TO AVALON (3)							
BERRENDO CREEK	452	-0-	253	327	550	381	378
RIO HONDO (4)	9,536	-0-	I	I	I	I	I
ZUBER DRAW	350	80	I	I	I	I	I
RIO FELIX	850	1,886	1,454	1,340	784	874	1,268
PECOS RIVER	6,045	16,632	12,987	12,563	15,573	12,221	13,995
COTTONWOOD CREEK	761	1,197	1,717	1,829	1,200	1,500	1,489
CARLSBAD IRRIGATION DIST.	20,000	90,156	43,155	83,170	95,310	87,950	79,948
AVALON TO STATE LINE							
PECOS RIVER	3,126	37,283	28,999	26,340	27,120	31,245	30,197
BLACK RIVER	1,728	9,470	7,877	8,659	7,282	9,729	8,603
TOTALS	49,241	I	I	I	I	I	I

"I" Indicates incomplete. (1) Approximate acres irrigated or claimed. (2) Above Alamogordo Dam water was not metered until 1967; much of that diverted returns to the Pecos. (3) Quantities diverted include drain waters and supplemental well water. (4) Includes Hagerman Irrigation Co. waters at diversion dam.

TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1961	1962	1963	1964	1965	5 YEAR AVERAGE
ABOVE ALAMOGORDO DAM (2)	721	1,265	1,187	1,395	1,270	1,270	1,277
FT. SUMNER IRRIGATION DIST.	5,400	39,950	33,800	35,656	38,250	32,900	36,111
ALAMOGORDO DAM TO ACME	174	101	83	169	63	252	134
ACME TO AVALON (3)							
BERRENDO CREEK	491	249	50	39	44	-0-	76
RIO HONDO (4)	9,536	I	I	19,723	22,419	19,239	20,460
ZUBER DRAW	350	I	I	I	I	I	I
RIO FELIX	676	580	546	284	161	178	350
PECOS RIVER	5,618	12,944	11,833	14,677	10,258	11,979	12,338
COTTONWOOD CREEK	584	1,700	1,034	1,236	100	32	820
CARLSBAD IRRIGATION DIST.	20,000	97,158	91,272	71,670	37,590	44,890	68,516
AVALON TO STATE LINE							
PECOS RIVER	3,553	28,443	22,903	51,956	39,171	26,970	33,889
BLACK RIVER	1,755	7,166	9,340	7,507	6,535	7,082	7,526
TOTALS (5)	48,858	I	I	204,312	155,861	144,792	181,517

"I" Indicates incomplete. (1) Approximate acres irrigated or claimed. (2) Above Alamogordo Dam water was not metered until 1967; much of that diverted returns to the Pecos. (3) Quantities diverted include drain waters and supplemental well water. (4) Includes Hagerman Irrigation Co. waters at diversion data. (5) Totals do not include Zuber Draw diversion through 1967.

TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1966	1967	1968	1969	1970	5 YEAR AVERAGE
ABOVE ALAMOGORDO DAM (2)	644	1,270	7,863	7,777	7,663	12,065	7,328
FT. SUMNER IRRIGATION DIST.	5,400	33,281	41,330	36,170	37,870	37,700	37,270
ALAMOGORDO DAM TO ACME	174	183	222	311	316	53	217
ACME TO AVALON (3)							
BERRENDO CREEK	498	-0-	-0-	-0-	948	907	928
RIO HONDO (4)	9,409	13,809	9,548	7,311	10,500	6,226	9,479
ZUBER DRAW	284	I	I	400	624	492	505
RIO FELIX	614	149	83	533	1,690	1,772	845
PECOS RIVER	5,312	11,548	11,809	11,902	13,649	14,762	12,734
COTTONWOOD CREEK	584	194	120	4	-0-	-0-	106
CARLSBAD IRRIGATION DIST.	20,000	53,660	72,770	67,270	75,650	71,360	68,142
AVALON TO STATE LINE							
PECOS RIVER	3,387	22,282	40,170	37,744	31,782	28,600	33,116
BLACK RIVER	1,673	8,956	8,951	7,671	7,335	8,342	8,251
TOTALS (5)	47,979	151,332	192,866	177,093	188,027	182,279	179,121

"I" Indicates incomplete. (1) Approximate acres irrigated or claimed. (2) Above Alamogordo Dam water was not metered until 1967; much of that diverted returns to the Pecos. (3) Quantities diverted include drain waters and supplemental well water. (4) Includes Hagerman Irrigation Co. waters at diversion dam. (5) Totals do not include Zuber Draw diversion through 1967.

TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1971	1972	1973	1974	1975	5 YEAR AVERAGE
ABOVE SUMNER LAKE (2)	648	8,837	10,933	7,720	9,167	11,599	9,651
FT. SUMNER IRRIGATION DIST.	5,400	38,050	29,410	38,230	34,320	38,350	35,672
SUMNER LAKE TO ACME	174	-0-	-0-	266	-0-	-0-	266
ACME TO AVALON (3)							
BERRENDO CREEK	498	1,190	674	900	741	784	858
RIO HONDO (4)	9,346	4,081	8,463	13,833	5,184	6,584	7,629
ZUBER DRAW	284	353	540	745	553	701	578
RIO FELIX	668	1,464	1,695	1,222	449	594	1,085
PECOS RIVER	4,906	13,866	13,342	13,223	12,410	9,059	12,380
COTTONWOOD CREEK	280	11	-0-	-0-	-0-	-0-	11
CARLSBAD IRRIGATION DIST.	20,000	51,850	61,750	97,500	53,630	63,920	65,730
AVALON TO STATE LINE							
PECOS RIVER	2,993	20,275	19,501	26,568	16,669	27,097	22,022
BLACK RIVER	1,670	8,084	8,794	8,039	8,486	8,094	8,299
TOTALS	46,867	148,061	155,102	208,246	141,609	166,782	164,181

"I" Indicates incomplete. (1) Approximate acres irrigated or claimed. (2) Above Sumner Lake water was not metered until 1967; much of that diverted returns to the Pecos. (3) Quantities diverted include drain waters and supplemental well water. (4) Includes Hagerman Irrigation Co. waters at diversion dam.

TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1976	1977	1978	1979	1980	5 YEAR AVERAGE
ABOVE ALAMOGORDO DAM (2)	648	9,012	7,135	7,514	8,106	8,774	8,108
FT. SUMNER IRRIGATION DIST.	5,400	40,820	37,060	35,140	36,730	41,460	38,242
SUMNER LAKE TO ACME	174	-0-	113	-0-	-0-	-0-	113
ACME TO AVALON (3)							
BERRENDO CREEK	498	1,148	1,035	1,054	1,049	874	1,032
RIO HONDO (4)	9,346	7,943	10,149	8,239	15,943	10,257	10,506
ZUBER DRAW	284	678	597	672	455	384	557
RIO FELIX	668	616	500	311	546	299	454
PECOS RIVER	4,906	11,666	10,329	10,427	10,727	11,354	10,901
COTTONWOOD CREEK	280	-0-	-0-	-0-	-0-	-0-	-0-
CARLSBAD IRRIGATION DIST.	20,000	35,700	37,530	57,190	73,550	76,780	56,150
AVALON TO STATE LINE							
PECOS RIVER	2,993	17,975	15,103	16,855	25,269	21,186	19,278
BLACK RIVER	1,670	6,559	7,211	6,551	8,727	8,461	7,502
TOTALS	46,867	132,117	126,762	143,953	181,102	179,829	152,843

"I" Indicates incomplete. (1) Approximate acres irrigated or claimed. (2) Above Alamogordo Dam water was not metered until 1967; much of that diverted returns to the Pecos. (3) Quantities diverted include drain waters and supplemental well water. (4) Includes Hagerman Irrigation Co. waters at diversion dam.

TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1981	1982	1983	1984	1985	5 YEAR AVERAGE
ABOVE SUMNER LAKE (2)	648	10,579	11,799	11,695	7,161	6,657	9,578
FT. SUMNER IRRIGATION DIST.	5,400	32,520	40,050	37,590	37,230	36,130	36,704
SUMNER LAKE TO ACME	174	252	76	-0-	21	-0-	116
ACME TO AVALON (3)							
BERRENDO CREEK	498	560	497	994	398	398	569
RIO HONDO (4)	9,346	6,979	6,762	11,859	14,460	25,068	13,026
ZUBER DRAW	284	398	127	1	-0-	214	185
RIO FELIX	668	154	206	160	212	66	160
PECOS RIVER	4,906	9,036	9,732	10,297	10,615	8,212	9,578
COTTONWOOD CREEK	280	-0-	-0-	-0-	-0-	-0-	-0-
CARLSBAD IRRIGATION DIST.	20,000	47,270	72,140	84,200	72,140	79,870	71,124
AVALON TO STATE LINE							
PECOS RIVER	2,993	21,502	18,551	15,965	20,041	26,463	20,504
BLACK RIVER	1,670	7,398	7,791	7,867	8,634	7,761	7,890
TOTALS	46,867	136,648	168,731	180,628	170,912	190,841	169,634

"I" Indicates incomplete. (1) Approximate acres irrigated or claimed. (2) Above Sumner Lake water was not metered until 1967; much of that diverted returns to the Pecos. (3) Quantities diverted include drain waters and supplemental well water. (4) Includes Hagerman Irrigation Co. waters at diversion dam.

TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1986	1987	1988	1989	1990	5 YEAR AVERAGE
ABOVE SUMNER LAKE (2)	648	7,950	7,099	10,594	9,133	9,191	8,793
FT. SUMNER IRRIGATION DIST.	5,400	99,160	39,890	44,846	42,558	38,871	53,065
SUMNER LAKE TO ACME	174	-0-	-0-	-0-	-0-	-0-	-0-
ACME TO AVALON (3)							
BERRENDO CREEK	498	375	557	478	336	252	400
RIO HONDO (4)	9,346	15,792	21,559	11,467	17,327	12,667	15,762
ZUBER DRAW	284	395	744	863	1,004	617	725
RIO FELIX	668	163	313	151	384	441	290
PECOS RIVER	4,906	6,955	7,909	9,422	9,816	9,490	8,718
COTTONWOOD CREEK	280	-0-	-0-	-0-	-0-	-0-	-0-
CARLSBAD IRRIGATION DIST.	20,000	74,470	91,520	87,320	94,580	59,400	81,458
AVALON TO STATE LINE							
PECOS RIVER	2,993	20,710	25,510	24,448	24,791	13,369	21,766
BLACK RIVER	1,670	7,453	6,106	8,755	8,659	8,698	7,934
TOTALS	46,867	233,423	201,207	198,844	208,588	152,996	199,011

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TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1991	1992	1993	1994	1995	5 YEAR AVERAGE
ABOVE SUMNER LAKE (2)	648	10,412	13,909	11,168	11,319	9,778	11,317
FT. SUMNER IRRIGATION DIST.	5,400	39,570	40,550	41,130	42,130	44,660	41,608
SUMNER LAKE TO ACME	10	-0-	-0-	-0-	3	36	8
ACME TO AVALON (3)							
BERRENDO CREEK (5)	498	131	178	391	-0-	-0-	140
RIO HONDO (4)	9,346	17,451	16,654	7,756	10,719	9,855	12,487
ZUBER DRAW (5)	284	843	813	888	-0-	-0-	509
RIO FELIX (5)	668	270	215	275	-0-	-0-	152
PECOS RIVER (6)	6,868	6,747	4,455	5,583	5,277	4,594	5,331
COTTONWOOD CREEK (5)	280	-0-	-0-	-0-	-0-	-0-	-0-
CARLSBAD IRRIGATION DIST.	20,000	78,600	98,510	97,820	105,100	102,300	96,466
AVALON TO STATE LINE							
PECOS RIVER (7)	2,993	19,371	15,442	14,991	14,350	11,544	15,140
BLACK RIVER	1,670	8,363	9,071	8,168	6,384	6,067	7,611
TOTALS	48,665	181,758	199,797	188,170	195,282	188,834	190,769

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TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	1996	1997	1998	1999	2000	5 YEAR AVERAGE
ABOVE SUMNER LAKE (2)	678	9,296	7,589	8,217	10,870	6,631	8,521
FT. SUMNER IRRIGATION DIST.	6,500	44,750	38,230	42,380	39,640	44,190	41,838
SUMNER LAKE TO ACME	118	-0-	-0-	-0-	-0-	-0-	-0-
ACME TO AVALON (3)							
BERRENDO CREEK (5)	498	-0-	-0-	-0-	-0-	-0-	-0-
RIO HONDO (4)	8,322	10,217	8,186	9,779	8,631	6,596	8,682
ZUBER DRAW (5)	106	-0-	311	160	121	62	131
RIO FELIX (5)	565	-0-	-0-	-0-	-0-	-0-	-0-
PECOS RIVER (6)	4,183	4,246	3,668	4,172	2,894	1,217	3,239
COTTONWOOD CREEK (5)	280	-0-	-0-	-0-	-0-	-0-	-0-
CARLSBAD IRRIGATION DIST.	25,055	88,575	81,890	95,880	97,760	89,190	90,659
AVALON TO STATE LINE							
PECOS RIVER (7)	2,672	12,601	14,350	11,323	13,137	10,377	12,358
BLACK RIVER	694	5,866	5,796	7,436	7,313	6,897	6,662
TOTALS	49,671	175,551	160,020	179,347	180,366	165,160	172,090

"I" Indicates incomplete. (1) Approximate acres irrigated or claimed. (2) Above Sumner Lake water was not metered until 1967; much of that diverted returns to the Pecos. (3) Quantities diverted include drain waters and supplemental well water. (4) Includes Hagerman Irrigation Co. waters at diversion dam. (5) Surface water from these sources are not diverted due to insufficient quantities, but are supplemented by underground waters. Supplemental well diversions are reflected in the records of the Roswell Basin Watermaster. (6) Water rights appurtenant to approximately 3,318 acres of land in this area have been purchased by the Interstate Stream Commission and no further diversion to these lands will be made. (7) Water rights appurtenant to approximately 461 acres of land in this area have been purchased by the I.S.C. and no further diversion to these lands will be made.

TABLE 5 – CON'T
SUMMATION OF ANNUAL WATER DIVERTED
PECOS VALLEY SURFACE WATER DISTRICT

YEAR OF DIVERSION

AREA OF DIVERSION	ACRES (1)	2001	2002	2003	2004	2005	5 YEAR AVERAGE
ABOVE SUMNER LAKE (2)	663	8,350	7,702	7,319	4,497		6,900
FT. SUMNER IRRIGATION DIST.	6,500	40,560	36,630	37,630	35,148		38,832
SUMNER LAKE TO ACME	83	91	-0-	-0-	-0-		18
ACME TO AVALON (3)							
BERRENDO CREEK (5)	430	-0-	-0-	-0-	-0-		-0-
RIO HONDO (4)	8,332	5,296	4,738	5,474	6,525		5,726
PECOS RIVER (6)	4,183	297	239	296	196		449
CARLSBAD IRRIGATION DIST.	25,055	71,370	41,580	37,750	50,626		58,103
AVALON TO STATE LINE							
PECOS RIVER (7)	2,669	8,368	7,926	4,729	12,503		8,781
BLACK RIVER	1,670	5,443	5,292	5,421	5,226		5,656
TOTALS	49,585	139,806	104,120	98,619	114,721		124,485

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TABLE 6 – SUMMATION OF ANNUAL PRIVATE WATER DIVERTED AND CONTRIBUTED IN ACRE FEET

YEAR	DIVERTED	YEAR	DIVERTED	CONTRIBUTED
1956	3,707.00	1990	1,990.80	2,884.50
1957	3,528.80	1991	1,767.60	4,308.50
1958	4,997.50	1992	1,174.04	4,353.70
1959	6,641.30	1993	471.15	1,379.30
1960	4,828.40	1994	549.19	1,158.24
1961	5,254.70	1995	372.14	690.63
1962	4,899.00	1996	376.09	719.65
1963	5,021.30	1997	259.48	523.67
1964	2,652.30	1998	169.05	429.26
1965	2,155.40	1999	488.35	1,192.24
1966	3,240.10	2000	342.45	858.76
1967	3,376.80	2001	223.79	535.26
1968	4,041.20	2002	92.40	324.08
1969	3,639.50	2003	24.42	309.49
1970	3,929.30	2004	62.99	175.51
1971	3,874.90			
1972	2,831.20			
1973	2,156.50			
1974	1,638.90			
1975	1,928.80			
1976	1,841.50			
1977	2,009.90			
1978	1,634.60			
1979	1,484.50			
1980	809.10			
1981	1,053.50			
1982	1,061.40			
1983	641.10			
1984	1,093.90			
1985	831.20			
1986	386.20			
1987	642.80			
1988	1,475.90			
1989	1,665.30			

Private water contributed to the Pecos River. These figures reflect only private water for which the drains are equipped with measuring devices. Many drains are not equipped, yet contribute considerable amounts of water to the Pecos River.

SUMMARY

Stream flow and release flow from Sumner Lake in the lower reach of the Pecos River basin, as measured at the gaging station near Artesia, was 97 percent of the current 20-year average. Combined storage in the four major irrigation storage reservoirs in the District (Santa Rosa which began storage April 21, 1980, Lake Brantley which began storage August 30, 1988, Sumner, and Avalon) was 1.6 percent on December 31, 2003, and 5.9 percent of total storage capacity on December 31, 2004.

Water users under the Puerto de Luna Community Ditches had sufficient water for their requirements. The Ft. Sumner Irrigation District had a below average supply of water, and users in the reach from Ft. Sumner to Artesia had a below average supply of water most of the irrigation season. Other users in the reach from Brantley Lake to the Texas state line had a below average supply of water for irrigation, municipal, and commercial purposes.

The flow in Black River south of Carlsbad was near average. The Carlsbad Irrigation District received the total of their decreed right from Black River on October 2, 2004. No diversion of water to Willow Lake was observed in 2004. The Interstate Stream Commission purchased the Willow Lake water rights on October 26, 2001.

Continued surveillance was maintained of surface water use throughout the District. Water sampling and analysis for chlorides and specific conductance was discontinued.

FINANCIAL STATEMENTS

PECOS VALLEY SURFACE WATERMASTER
EXPENDITURES FOR CALENDAR YEAR 2004
JANUARY - DECEMBER 2004

	JAN-JUNE 2004	JULY-DEC 2004	TOTAL
SALARIES	22,780.12	22,177.39	44,957.51
BENEFITS	8,856.61	8,608.93	17,465.54
TRAVEL	24.00	14.00	38.00
VEHICLE LEASES/GASOLINE	1,685.75	2,185.47	3,871.22
SUPPLIES OFFICE/FIELD/INVENTORY EXEMPT	1,189.32	428.62	1,617.94
POSTAGE & MAIL/PRINTING	0.00	39.80	39.80
RENT - BLDGS.	1,729.53	1,812.86	3,542.39
TELECOMMUNICATIONS	265.97	144.70	410.67
TOTAL EXPENDITURES	**36,531.30**	**35,411.77**	**71,943.07**

FY 2005 Pecos Valley Surface Water Master Operating Budget

Employee: ROBERT TURNER

Object Code	Object Item	Amount
2031	Permanent Postion F/T	42,600.00
2111	Group Insurance	6,600.00
2121	Retirement	7,100.00
2131	FICA	3,300.00
2141	Workers Compensation	0.00
2171	Retiree Health Care Act	500.00
	Salaries and Benefits:	60,100.00
4211	I/S Meals and Lodging	0.00
4281	State Transportation Pool	5,300.00
4411	Office Supplies	200.00
4441	Field Supplies	1,600.00
4491	Inventory Exempt	400.00
4612	Postage & Mail Service	200.00
4642	Rent/Land & Buildings	3,200.00
4661	Telecommunications	2,000.00
	Other Costs	12,900.00
	Grand Total:	73,000.00

It is anticipated that the object code amounts may vary, but the total will not exceed the total amount for the fiscal year.

Dinah G. Sanchez

Dinah Sanchez, Financial Manager
Program Support

5/21/04
Date

APPENDICES

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WA[illegible] RESOURCES

STATION NUMBE.. 08385000 FORT SUMNER MAIN CANAL NEAR FORT SUMNER, NM STREAM SOURCE AGENCY USGS STATE 35 COUNTY 011
LATITUDE 343030 LONGITUDE 1041640 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 4034.70 NGVD29
Date Processed: 2005-02-28 12:35 By lkmiller
WORKING
DD #1
Discharge, cubic feet per second
CALENDAR YEAR JANUARY TO DECEMBER 2004
DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00	0.00	0.00	77	80	92	78	70	86	102	0.00	0.00
2	0.00	0.00	49	82	83	92	74	67	85	100	0.00	0.00
3	0.00	0.00	86	66	90	92	65	66	85	100	0.00	0.00
4	0.00	0.00	99	0.07	90	92	63	67	85	99	0.00	0.00
5	0.00	0.00	97	0.03	90	92	61	69	85	52	0.00	0.00
6	0.00	0.00	94	0.03	89	92	60	57	84	0.00	0.00	0.00
7	0.00	0.00	91	0.03	89	92	62	73	79	0.00	0.00	0.00
8	0.00	0.00	89	0.04	89	93	60	75	80	0.00	0.00	0.00
9	0.00	0.00	87	0.02	88	90	58	50	79	0.00	0.00	0.00
10	0.00	0.00	81	0.00	88	95	58	0.00	81	0.00	0.00	0.00
11	0.00	0.00	95	0.00	87	95	57	0.00	84	43	0.00	0.00
12	0.00	0.00	93	0.00	82	95	57	0.00	85	71	0.00	0.00
13	0.00	0.00	92	0.00	80	96	68	0.00	85	72	0.00	0.00
14	0.00	0.00	91	0.00	83	95	73	0.00	83	73	0.00	0.00
15	0.00	0.00	91	0.00	83	85	73	0.00	80	73	0.00	0.00
16	0.00	0.00	90	0.00	85	79	72	e52	83	73	0.00	0.00
17	0.00	0.03	90	0.00	86	77	72	e89	89	73	0.00	0.00
18	0.00	60	90	0.01	87	77	72	e89	102	73	0.00	0.00
19	0.00	87	91	52	88	77	74	e89	105	73	0.00	0.00
20	0.00	85	90	90	90	78	82	90	105	72	0.00	0.00
21	0.00	78	91	92	91	77	84	50	105	72	0.00	0.00
22	0.00	78	90	92	91	77	84	0.00	107	72	0.00	0.00
23	0.00	80	88	92	92	79	84	0.00	105	72	0.00	0.00
24	0.00	e30.0	85	91	92	88	77	0.00	105	72	0.00	0.00
25	0.00	0.00	82	90	92	82	71	0.00	107	71	0.00	0.00
26	0.00	0.00	80	88	92	85	74	0.00	105	71	0.00	0.00
27	0.00	0.00	79	87	92	93	59	0.00	105	71	0.00	0.00
28	0.00	0.00	77	85	92	94	54	0.00	105	72	0.00	0.00
29	0.00	0.00	77	83	92	87	56	0.00	105	72	0.00	0.00
30	0.00	---	77	81	92	91	66	51	105	72	0.00	0.00
31	0.00	---	77	---	92	---	72	86	---	54	---	0.00
TOTAL	0.00	498.03	2589.00	1248.23	2737	2629	2120	1190.00	2784	1920.00	0.00	0.00
MEAN	0.00	17.2	83.5	41.6	88.3	87.6	68.4	38.4	92.8	61.9	0.00	0.00
MAX	0.00	87	99	92	92	96	84	90	107	102	0.00	0.00
MIN	0.00	0.00	0.00	0.00	80	77	54	0.00	79	0.00	0.00	0.00
AC-FT	0.00	988	5140	2480	5430	5210	4210	2360	5520	3810	0.00	0.00

e Estimated

1 U.S. D EPARTMEI OF THE IN TERIOR - U.S. GEOL OGICAL URVEY - ATER RES OURCES

STATION NUMBER 0 8403500 CARLSBAI MAIN CAN L AT HEAD NEAR CAR LSBAD, M STRE/ SOURCE AGENCY I SGS STA 35 COU NTY 015
LATITUD 322925 LONGIT UDE 1041 508 NADZ DRAINAG E AREA CONTRI UTING DI INAGE AR EA DAT UM 3156.5 NGVD29
Date Proc essed: 20 5/3/2011 06:46 By beisbol
WORKING DD #1

Disc harge, cu bic feet per seco nd
CALENDA R YEAR JA NUARY TO DECEMI 2004
DAILY MEAN VAL UES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	217	106	0	0	38	0	0	0
2	0	0	0	0.68	170	117	0	e0.00	0	0	0	0
3	0	0	0	8.7	202	244	0	0	0	0	0	0
4	0	0	0	4.2	191	249	0	0	0	0	0	0
5	0	0	0	1.2	194	233	0	114	0	0.06	0	0
6	0	0	0	0	237	204	0	169	0	0	0	0
7	0	0	0	0	244	190	126	226	0	0	0	0
8	0	0	0	0	306	228	290	256	0	0	0	0
9	0	0	0	0	295	261	370	288	73	0	0	0
10	0	0	0	0	334	307	385	352	159	0	0	0
11	0	0	0	0	320	347	383	374	170	0	0	0
12	0	0	0	0	256	323	359	298	177	0	0	0
13	0	0	0	0	255	267	354	0.48	240	0	0	0
14	0	0	0	0	186	315	356	0	340	0	0	0
15	0	0	0	0	163	353	310	0	340	0	0	0
16	0	0	0	0	173	348	306	0	312	0	0	0
17	0	0	0	0	194	290	282	0	243	0	0	0
18	0	0	0	0	304	185	209	0	265	0	0	0
19	0	0	0	0	326	163	193	0	184	0	0	0
20	0	0	0	0	328	113	183	0	173	0	0	0
21	0	0	0	0	321	92	135	0	167	0	0	0
22	0	0	0	0	228	64	138	107	106	0	0	0
23	0	0	0	0	142	0	131	240	118	0	0	0
24	0	0	0	0	136	0	97	278	125	85	0	0
25	0	0	0	0	147	0	19	263	67	155	0	0
26	0	0	0	128	135	2.8	0	264	18	130	0	0
27	0	0	0	295	137	0.03	0	268	0	76	0	0
28	0	0	0	349	99	0	0	231	0.13	5.8	0	0
29	0	0	0	336	97	0	0	186	0.07	0	0	0
30	0	---	0	304	96	0	0	124	0.09	0	0	0
31	0	---	0	---	116	---	0	112	---	0	---	0
TOTAL	0	0	0	1426.78	6549	5001.83	4626	4150.48	3315.29	451.86	0	0
MEAN	0	0	0	47.6	211	167	149	134	111	14.6	0	0
MAX	0	0	0	349	334	353	385	374	340	155	0	0
MIN	0	0	0	0	96	0	0	0	0	0	0	0
AC-FT	0	0	0	2830	12990	9920	9180	8230	6580	896	0	0

1 U.S. D EPARTMEI OF THE IN TERIOR - U.S. GEOL OGICAL URVEY - ATER RES OURCES

STATION NUMBER 0 8405200 PECOS RI VER BELC DARK CANY ON AT CAR LSBAD, M STRE/ SOURCE AGENCY I SGS STA 35 COU NTY 015
LATITUD 322437 LONGIT UDE 1041 258 NAD2 DRAINAG E AREA 18 550.00* CONTRIE TING DRA INAGE AR A DATUI 3075.19 NGVD29
Date Proc essed: 20 5/3/2011 06:44 By beisbol
WORKING DD #1

Disc harge, cu bic feet per seco nd
CALENDA R YEAR JA NUARY TO DECEMI 2004
DAILY MEAN VAL UES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.8	7.5	7.1	8.4	18	19	24 20	28 20	37 20	82 20	179 20	32 20
2	7.6	6.5	8.2	12	17	18	e21 20	27 20	37 20	33 20	406 20	30 20
3	7.9	6.8	9.8	697 20	19	17	e22 20	27 20	17	68 20	421 20	31 20
4	7	7.4	22 20	20800 20	20	18	e22 20	27 20	25 20	85 20	434 20	31 20
5	6.5	7.5	5.7	789 20	20	19	e21 20	25 20	29 20	75 20	437 20	33 20
6	6.5	6.5	8	720 20	20	18	e21 20	29 20	26 20	90 20	438 20	30 20
7	6.8	6.6	8.2	124 20	20	19	27 20	29 20	29 20	108 20	462 20	28 20
8	7.4	7.3	8.2	69 20	20	20	24 20	30 20	31 20	76 20	486 20	28 20
9	6.9	6.4	8.3	42 20	21 20	19	22 20	28 20	28 20	49 20	481 20	28 20
10	6.9	7.4	8.6	26 20	21 20	17	20	28 20	16	36 20	469 20	26 20
11	7.2	8.5	9.5	24 20	21 20	15	18	29 20	24 20	29 20	457 20	27 20
12	8	9.6	23 20	29 20	20	15	20	60 20	23 20	34 20	450 20	27 20
13	7.4	e8.8	15	25 20	19	20	20	224 20	23 20	28 20	464 20	24 20
14	7.2	7.4	11	23 20	18	26 20	18	58 20	22 20	24 20	476 20	24 20
15	8.8	7.6	13	21 20	20	26 20	17	41 20	31 20	23 20	575 20	26 20
16	9.4	7.8	13	20	21 20	22 20	19	40 20	35 20	22 20	611 20	25 20
17	9.3	7.6	11	18	22 20	21 20	19	36 20	21 20	22 20	630 20	26 20
18	6.5	8.2	9.4	19	21 20	22 20	19	35 20	16	22 20	617 20	25 20
19	7.2	9.5	9.8	20	21 20	22 20	21 20	35 20	18	23 20	599 20	26 20
20	7.4	6.4	10	19	29 20	24 20	19	34 20	29 20	14	601 20	28 20
21	7.1	8.2	7.6	18	23 20	23 20	18	34 20	28 20	2.5	581 20	25 20
22	6.9	8	9	19	20	20	20	38 20	27 20	0.92	682 20	28 20
23	7.1	8.6	9.6	20	20	19	19	35 20	26 20	0.88	682 20	25 20
24	9.1	27 20	9.8	15	20	19	34 20	30 20	23 20	10	690 20	26 20
25	8.6	8.5	9.2	20	23 20	18	329 20	30 20	24 20	20	691 20	25 20
26	4.7	8.7	10	18	23 20	86 20	253 20	30 20	55 20	21 20	571 20	27 20
27	6.5	9.2	9.8	22 20	27 20	27 20	67 20	44 20	65 20	21 20	527 20	27 20
28	7.1	10	8.2	26 20	22 20	21 20	61 20	53 20	62 20	20	386 20	27 20
29	7.6	8.5	8.3	19	21 20	22 20	32 20	49 20	68 20	19	41 20	28 20
30	7.3 ---		8.3	21 20	20	24 20	29 20	69 20	136 20	22 20	31 20	30 20
31	7.8 ---		8.5 ---		19 ---		27 20	63 20		21 20		28 20
TOTAL	229.5	248 241.0	317.1 312.1	23703.4 565.4	646 610	676 570	1303 606	1345 620	1031 587	1101.3 547.3	14575 600	851 620
MEAN	7.4	8.55	10.2	790	20.8	22.5	42	43.4	34.4	35.5	486	27.5
MAX	9.4	27	23	20800	29	86	329	224	136	108	691	33
MIN	4.7	6.4	5.7	8.4	17	15	17	25	16	0.88	31	24
AC-FT	455	492 478.02	629 619.05	47020 1121.47	1280 1209.94	1340 1130.60	2580 1202.00	2670 1229.77	2040 1164.31	2180 1085.57	28910 1190.10	1690 1229.77 = 12,115.60

DRAIN DISCHARGE MEASUREMENTS

TABULATION OF DRAIN MEASUREMENTS – 2004

DISCHARGE IN CUBIC FEET PER SECOND

NAME OF DRAIN & OWNER (Date(s) drains measured)	JANUARY (3/31/03)	FEBRUARY (3/31/03)	MARCH (3/31/03)	APRIL (4/15/04)	MAY (4/15/04) (5/5/04)	JUNE (7/7/04)
Gravel Pit Drain – Haley	0.00	0.00	0.00	1.19	1.19	0.165
D Line Drain Greenfield – Choat	0.00	0.00	0.00	0.00	0.124	0.00
Sub-Total c.f.s.	0.00	0.00	0.00	1.19	1.31	0.17
Less 10% carriage loss	0.00	0.00	0.00	0.12	0.13	0.02
TOTAL C.F.S.	0.00	0.00	0.00	1.07	1.18	0.15

NAME OF DRAIN & OWNER (Date(s) drains measured)	JULY (7/7/04)	AUGUST (8/9/04)	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Gravel Pit Drain – Haley	0.165	0.064	0.00	0.00	0.00	0.00
D Line Drain Greenfield – Choat	0.00	0.00	0.00	0.00	0.00	0.00
Sub-Total c.f.s. Less 10% carriage loss TOTAL C.F.S.	0.17 0.02 0.15	0.06 0.01 0.05	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00

RECORDS OF INDIVIDUAL DIVERSIONS IN ALPHABETICAL ORDER

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

MADELINE BARBE
929 ABERDEEN RD.
HAGERMAN, NM 88232

File No. 0887
SUB-FILE NO. RP.3

Location of Diversion: NE ¼ NE ¼ NE ¼, Sec. 11, Twp. 14 S, Rge. 26 E
Stream: PECOS RIVER
Acre Feet per Annum: 240.0 (280.0) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)
Measuring Device: Type PARSHALL FLUME No. _____ Size 9"
Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft

Remarks: "OTHER WATER USED" IS DRAIN WATER.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

MADELINE BARBE

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 0887
9" PARSHALL FLUME
14.26.11.222

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30		X										
31		X		X		X			X		X	
cfs												
Drain cfs												
Ac/Ft												
Drain Ac/Ft												
Pecos Ac/Ft												
Total												

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

CECIL BOUNDS
1232 BLACK RIVER RD.
CARLSBAD, NM 88220

File No. 55 & 1279
BLUE SPRINGS RANCH

Location of Diversion: ¼ NE ¼ SW ¼, Sec. 27, Twp. 24 S, Rge. 26 E
Stream: BLUE SPRINGS
Acre Feet per Annum: 3,228.6 (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)
Measuring Device: Type PARSHALL FLUME No. _____ Size 3'
Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used (1) Ac/Ft	(2)	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-1	6.45	-0-	0.65	5.80	5.80	3,222.80
1-27	180.28	-0-	18.03	162.25	168.05	3,060.55
2-21	323.79	-0-	32.38	291.41	459.46	2,769.14
3-24	157.77	-0-	15.78	141.99	601.45	2,627.15
4-21	170.24	-0-	17.02	153.22	754.67	2,473.93
5-19	149.42	9.34	14.94	125.14	879.81	2,348.79
6-14	166.93	2.85	16.69	147.39	1,027.20	2,201.40
7-13	174.31	18.56	17.43	138.32	1,165.52	2,063.08
8-10	187.26	-0-	18.73	168.53	1,334.05	1,894.55
9-8	193.27	11.58	19.33	162.36	1,496.41	1,732.19
10-6	190.46	-0-	19.05	171.41	1,667.82	1,560.78
11-3	154.26	24.53	15.43	114.30	1,782.12	1,446.48
12-1	144.74	-0-	14.47	130.27	1,912.39	1,316.21
12-28	114.55	-0-	11.46	103.09	2,015.48	1,213.12
12-31	12.32	-0-	1.23	11.09	2,026.57	1,202.03
TOTAL	2,326.05	66.86	232.62	2,026.57		

Remarks: (1) WATER DIVERTED BY LORENTZEN & SAVAGE.
(2) 10% CARRIAGE LOSS.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

CECIL BOUNDS
Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 55 & 1279
BLUE SPRINGS RANCH
3' PARSHALL FLUME
24.26.27.320

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.25	6.57		3.25	2.49	3.33	2.97	3.71	3.25	2.62	2.69	2.23
2	3.25	6.61		3.33	2.56	3.25	2.97	2.90	3.33	2.56	2.76	2.23
3	3.25	6.61		3.48	2.62	3.25	2.97	2.90	3.25	2.56	2.76	2.23
4	3.25	6.61		3.33	2.62	3.33	2.97	3.11	3.33	2.56	2.76	2.23
5	3.25	6.61		2.76	2.62	3.33	2.97	3.18	3.33	4.27	2.76	2.11
6	3.33	6.61		2.30	2.69	3.40	2.97	3.18	3.33	4.60	2.76	1.99
7	3.33	6.61	2.62	2.23	2.69	3.40	2.97	3.25	3.40	2.90	2.76	1.99
8	3.33	6.65	4.10	2.30	2.69	3.40	2.90	3.33	3.48	2.90	2.76	1.99
9	3.33	6.65	4.10	2.30	2.69	3.33	2.90	3.40	3.33	2.90	2.76	2.05
10	3.33	6.69	4.18	2.30	2.76	3.18	2.90	3.40	3.18	2.90	2.76	2.05
11	3.33	6.69	4.27	2.36	2.69	3.11	2.90	3.48	3.25	2.90	2.69	2.05
12	3.33	6.73	4.35	2.30	2.83	3.11	2.90	3.48	3.33	2.83	2.69	2.05
13	3.33	6.77	4.35	2.30	3.04	3.11	2.90	3.48	3.33	2.83	2.69	2.11
14	3.33	6.77	4.43	2.30	3.18	3.11	3.04	3.48	3.33	2.83	2.69	2.11
15	2.90	6.77	4.43	2.30	3.25	3.18	3.25	3.40	3.33	2.83	2.90	2.17
16	2.42	6.77	4.43	2.30	3.18	3.25	3.25	3.40	3.48	2.83	2.76	2.23
17	2.36	6.77	4.43	2.30	3.11	3.25	3.25	3.40	3.48	2.83	2.69	2.17
18	2.42	6.77	4.52	2.23	3.11	3.25	3.25	3.33	3.48	2.83	2.69	2.23
19	2.42	6.77	4.60	2.30	3.04	3.25	3.25	3.33	3.48	2.83	2.69	2.23
20	2.36	6.77	4.77	2.23	3.04	3.18	3.25	3.25	3.48	2.83	2.69	2.17
21	2.36	3.12	4.86	2.30	3.11	3.18	3.25	3.33	3.40	2.69	2.69	2.17
22	2.36		4.95	2.30	3.04	3.18	3.25	3.33	3.40	2.69	2.83	2.17
23	4.52		5.03	2.30	3.04	3.04	3.25	3.25	3.33	2.69	2.76	2.23
24	5.95		5.12	2.30	3.04	3.04	3.48	3.33	3.25	2.69	2.69	2.23
25	5.95		5.12	2.30	3.04	3.04	4.02	3.33	3.33	2.69	2.42	2.17
26	5.95		5.21	2.30	3.04	2.97	3.71	3.25	3.71	2.69	2.11	2.17
27	5.95		5.21	2.36	3.11	2.97	3.71	3.25	3.25	2.69	2.11	2.11
28	6.57		5.30	2.49	3.55	2.97	3.71	3.18	5.21	2.69	2.17	2.11
29	6.57		5.30	2.56	3.55	2.97	3.71	4.02	3.71	2.69	2.23	2.05
30	6.57	x	3.71	2.56	3.48	2.97	3.71	3.33	3.78	2.69	2.23	2.05
31	6.61	x	3.18	x	3.48	x	3.71	3.11	x	2.69	x	2.11
cfs	120.46	136.92	112.57	74.27	92.38	95.33	100.24	103.10	103.55	88.73	78.95	66.19
Ac/Ft	238.93	271.58	223.28	147.31	183.24	189.09	198.83	204.50	205.39	176.00	156.60	131.29
TOTAL AC/FT 2,326.04												

OFFICE OF THE STATE ENGINEER
PVSWD DIVERSION RECORD

File no. 303 & 1848(F) into 1934-A, 303 & 1848 into 1934-A, 1934-A, C-474 into 1934-A

City of Carlsbad
P.O. Box 1569
Carlsbad, N.M. 88220

Stream:..... Pecos River

Acre Feet per Annum:..... **499.80**

Note: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.

Location of Diversion:..... SE¼, SW¼, SW¼ Sec. 32 Twp. 21 S. Rge 27 E.

Measuring Device:..... McCrometer No.: 97844010 Size: 10" Units: Gallons x 1,000

Calendar Year 2004	Observed Meter Reading	Public Water Diverted (Ac/Ft)	Remaining Public Water (Ac/Ft)
-beginning reading-	348293		
1/28/2004	348293	0.00	499.80
2/27/2004	348293	0.00	499.80
5/20/2004	348293	0.00	499.80
6/17/2004	348293	0.00	499.80
7/15/2004	348293	0.00	499.80
8/11/2004	348293	0.00	499.80
11/4/2004	348293	0.00	499.80
12/28/2004	348293	0.00	499.80
		0.00	499.80
		0.00	499.80
		0.00	499.80
		0.00	499.80
		0.00	499.80
		0.00	499.80
	Subtotals	0.00	499.80
	-10% Carriage Loss	0.00	
	Totals	**0.00**	**499.80**

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

29-Dec-04

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

CARLSBAD IRRIGATION DISTRICT
c/o TOM DAVIS
201 S. CANAL ST.
CARLSBAD, NM 88220

File No. BLACK RIVER CANAL

Location of Diversion: NE¼ SW¼ SE¼ SE¼, Sec. 7, Twp. 24 S, Rge. 27 E

Stream: BLACK RIVER

Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 6'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-1	-0-	--	-0-	-0-	--
1-27	191.51	--	191.51	191.51	--
2-26	228.46	--	228.46	419.97	--
3-24	147.73	--	147.73	567.70	--
4-21	94.63	--	94.63	662.33	--
5-19	1,039.18	--	1,039.18	1,701.51	--
6-16	945.79	--	945.79	2,647.30	--
7-13	662.63	--	662.63	3,309.93	--
8-10	655.92	--	655.92	3,965.85	--
9-8	517.16	--	517.16	4,483.01	--
10-6	491.93	--	491.93	4,974.94	--
11-3	54.41	--	54.41	5,029.35	--
12-1	-0-	--	-0-	5,029.35	--
12-28	-0-	--	-0-	5,029.35	--
12-31	-0-	--	-0-	5,029.35	--
TOTAL	5,029.35				

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

CARLSBAD IRRIGATION DISTRICT
Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. BLACK RIVER CANAL
6' PARSHALL FLUME
24.27.7.4432

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		3.47	4.43	4.36	18.52	9.48			21.01			
2		3.97	5.46	4.87	35.58	17.83	6.35		5.39			
3		3.74	3.99	3.17	36.92	13.90	4.36	7.27				
4		3.85			29.17	24.77	4.63	5.46				
5	2.26	4.12	4.43		25.94	10.92	2.04	3.63				
6	3.42	4.24	4.79		24.00	10.63	4.86	5.95				
7	4.36	4.24	3.99		30.00	19.22	5.45	10.99	3.97			
8	3.53	2.54	4.79		36.47	28.76	15.78	16.48	5.29			
9	4.08	2.18	4.43		32.53	33.39	30.00	27.94	5.16			
10	3.97	5.18	4.20		20.65	20.29	32.96	21.01	4.00			
11	3.97	5.45	3.97		13.28	11.76	20.55	22.49	5.27			
12	4.31		4.67		12.68	12.08	3.73	23.62	7.37			
13	3.85		5.01		9.52	6.62	14.53		15.49			
14	2.86	4.31	4.76		14.53	10.57	20.29		30.83			
15	3.02	5.45			9.25	20.29	23.24	2.70	33.82			
16	4.74	4.90			8.98	18.17	35.14	3.63	25.94			
17	4.49	3.67		5.40	24.00	12.38	40.58	4.36	21.75			
18	3.57	3.35		5.18	25.16	18.35	38.28	3.85	15.17			
19	3.88	6.53		5.30	20.65	27.13	14.22	3.72	4.49			
20	5.01	5.24		5.16	28.35	22.86	10.63	4.49	5.87			
21	6.47	2.94		5.16	30.00	22.12	16.48	3.60	12.98			
22	3.47	5.16		5.45	20.65	19.93	14.85	3.51	35.58			
23	5.04	4.08		3.57	16.15	21.62	16.15	11.58	10.07			
24	3.88	4.08		4.31	14.22	4.12	2.10	20.65	14.22			
25	4.79	4.43		5.87	19.22	4.36		17.49		7.54		
26	5.46	5.75		4.36	18.17	9.96		16.81		9.25		
27	6.12	6.83		14.68	16.15	14.22		21.01		8.72		
28	3.88	4.74		22.49	22.12	9.19		13.59		1.92		
29	5.16	3.99		18.87	11.49	2.59		11.20				
30		X	4.49	16.48	8.72			16.48				
31	3.27	X	4.62	X	2.91	X		20.29	X		X	
cfs	108.86	118.43	68.03	134.68	635.98	457.51	377.20	323.80	283.67	27.43	-0-	-0-
Ac/Ft	215.92	234.91	134.94	267.14	1261.47	907.47	748.18	642.26	562.66	54.41	-0-	-0-

TOTAL AC/FT 5,029.36

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

CARLSBAD IRRIGATION DISTRICT
c/o TOM DAVIS
201 S. CANAL ST.
CARLSBAD, NM 88220

File No. BLACK RIVER SUPPLY

Location of Diversion: NE¼ SW¼ NE ¼ NW ¼, Sec. 7, Twp. 24 S, Rge. 27 E

Stream: BLACK RIVER

Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 6'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
3-24	-0-	--	-0-	-0-	--
4-21	-0-	--	-0-	-0-	--
5-19	1,387.34	--	1,387.34	1,387.34	--
6-16	917.55	--	917.55	2,304.89	--
7-13	497.62	--	497.62	2,802.51	--
8-10	510.30	--	510.30	3,312.81	--
9-8	406.10	--	406.10	3,718.91	--
10-6	354.02	--	354.02	4,072.93	--
11-3	66.63	--	66.63	4,139.56	--
12-2	-0-	--	-0-	4,139.56	--
TOTAL	4,139.56				

Remarks: 12/2/04: DISCONTINUE MAINTENANCE UNTIL MARCH 2005

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

CARLSBAD IRRIGATION DISTRICT

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. BLACK RIVER SUPPLY
6' PARSHALL FLUME
24.27.7.12322

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1					32.53	14.71			11.20			
2					64.01	13.59			2.91			
3					61.83	19.93						
4					41.05	20.29						
5					33.39	16.81						
6					31.68	5.77						
7					41.52	16.81						
8					62.38	36.47	20.06					
9					49.78	30.00	22.49					
10					26.74	18.17	25.55					
11					23.24	12.68	31.68	12.99	1.09			
12					13.90	5.64	11.49	21.38	7.44			
13					7.54	5.09	16.48		11.89			
14					16.81	15.82	15.49		24.00			
15					3.94	16.81	23.62		30.41			
16					13.58	18.17	43.42		24.38			
17					32.10	4.03	36.47		10.80			
18					25.55	25.55	31.43		8.65			
19					26.34	21.01	6.64		4.62			
20					30.41	17.75			1.82			
21					41.52	17.49	11.49		13.89			
22					16.81	19.10	13.90		13.56			
23					12.08	13.89	17.83	21.88				
24					10.63	4.31	5.60	18.87	1.07	10.47		
25					16.48		5.99	12.38	19.22	9.90		
26					15.82			16.15	5.64	5.18		
27				26.16	16.48		4.53	23.24		4.68		
28				22.12	19.93		15.82	17.83		3.36		
29				24.38	11.76		18.52	12.08				
30		x		18.87	1.86		6.52	13.90				
31		x		x	2.05	x		19.93	x		x	
cfs	-0-	-0-	-0-	91.53	803.74	389.89	385.02	190.63	192.59	33.59	-0-	
Ac/Ft	-0-	-0-	-0-	181.55	1594.22	773.35	763.69	378.11	382.00	66.63	-0-	

TOTAL AC/FT 4,139.55

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

ROY CHOAT
P.O. BOX 248
HAGERMAN, NM 88232

File No. 0223-B(d), 795, 838
SUB-FILE NO. RP.5

Location of Diversion: SW ¼ SW ¼ NW ¼, Sec. 1, Twp. 14 S, Rge. 26 E
Stream: PECOS RIVER
Acre Feet per Annum: 1215.0 (1417.5) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)
Measuring Device: Type PARSHALL FLUME No. _____ Size 2'
Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-14	-0-	-0-	-0-	-0-	1417.50
2-9	-0-	-0-	-0-	-0-	1417.50
3-10	-0-	-0-	-0-	-0-	1417.50
4-8	-0-	-0-	-0-	-0-	1417.50
5-5	-0-	-0-	-0-	-0-	1417.50
6-2	-0-	-0-	-0-	-0-	1417.50
6-29	-0-	-0-	-0-	-0-	1417.50
7-27	-0-	-0-	-0-	-0-	1417.50
8-25	-0-	-0-	-0-	-0-	1417.50
9-22	-0-	-0-	-0-	-0-	1417.50
10-19	7.20	-0-	7.20	7.20	1410.30
11-28	-0-	-0-	-0-	7.20	1410.30
12-14	-0-	-0-	-0-	7.20	1410.30
12-31	-0-	-0-	-0-	7.20	1410.30
TOTAL	7.20	-0-	7.20		

Remarks: "OTHER WATER USED" IS DRAIN WATER.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

ROY CHOAT

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 0223-B(d), 795, 838
2' STEEL PARSHALL FLUME
14.26.1.133

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23									0.75			
24									2.88			
25												
26												
27												
28												
29												
30		x										
31		x		x		x			x		x	
cfs	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	3.63	-0-	-0-	-0-
Drain cfs	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	7.20	-0-	-0-	-0-
Drain Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Pecos Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	7.20	-0-	-0-	-0-

Total AC/FT: 7.20; Drain -0-

OFFICE OF THE STATE ENGINEER
PVSWD DIVERSION RECORD

File no. 1934

Conquistador Council
Boy Scouts of America, Inc.
2603 Aspen
Roswell, N.M. 88201

cc: Dowling Aquatic Base
205 S. James
Carlsbad, NM 88220

Stream:..... Pecos River

Acre Feet per Annum:..... **42.40**

Note: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.

Location of Diversion:..... NW¼, SE¼, SE¼ Sec. 6 Twp. 22 S. Rge 27 E.

Measuring Device:..... McCrometer No.: 81-6-599 Size: 6" Units: Acre Feet

Calendar Year 2004	Observed Meter Reading	Public Water Diverted (Ac/Ft)	Remaining Public Water (Ac/Ft)
-beginning reading-	25.2140		
1/28/2004	25.2140	0.00	42.40
2/27/2004	25.2140	0.00	42.40
5/20/2004	25.2310	0.02	42.38
6/17/2004	25.2310	0.00	42.38
7/15/2004	25.2310	0.00	42.38
8/11/2004	25.2310	0.00	42.38
11/4/2004	25.2310	0.00	42.38
12/28/2004	25.2310	0.00	42.38
		0.00	42.38
		0.00	42.38
		0.00	42.38
		0.00	42.38
		0.00	42.38
		0.00	42.38
	Subtotals	0.02	42.38
	-10% Carriage Loss	0.00	
	Totals	**0.02**	**42.38**

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

29-Dec-04

OFFICE OF THE STATE ENGINEER
PVSWD DIVERSION RECORD

File no. 1934-B

Patrick or Carole Edeal
406 W. Riverside Dr.
Carlsbad, N.M. 88220

Stream:..... Pecos River

Acre Feet per Annum:..... **8.00**

Note: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.

Location of Diversion:..... SW¼, NE¼, SE¼ Sec. 6 Twp. 22 S. Rge 27 E.

Measuring Device:..... McCrometer No.: 87-3-366 Size: 3" Units: Acre Feet

Calendar Year 2004	Observed Meter Reading	Public Water Diverted (Ac/Ft)	Remaining Public Water (Ac/Ft)
-beginning reading-	36.9298		
1/28/2004	36.9298	0.00	8.00
2/27/2004	36.9298	0.00	8.00
5/20/2004	38.4787	1.55	6.45
6/17/2004	38.9317	0.45	6.00
7/15/2004	39.4934	0.56	5.44
8/11/2004	40.4629	0.97	4.47
9/9/2004	40.5571	0.09	4.37
11/4/2004	41.2001	0.64	3.73
12/28/2004	41.3001	0.10	3.63
		0.00	3.63
		0.00	3.63
		0.00	3.63
		0.00	3.63
		0.00	3.63
	Subtotals	4.37	3.63
	-10% Carriage Loss	0.44	
	Totals	**3.93**	**4.07**

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

29-Dec-04

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

GILBERT GOMEZ
1049 ABERDEEN RD.
HAGERMAN, NM 88232

File No. 1701
SUB-FILE NO. RP.6

Location of Diversion: SW ¼ SW ¼ NW ¼, Sec. 1, Twp. 14 S, Rge. 26 E
Stream: PECOS RIVER
Acre Feet per Annum: 522.0 (609.0) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)
Measuring Device: Type PARSHALL FLUME No. _____ Size 1½'
Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-14	-0-	-0-	-0-	-0-	609.00
2-9	-0-	-0-	-0-	-0-	609.00
3-10	1.25	-0-	1.25	1.25	607.75
4-7	1.71	-0-	1.71	2.96	606.04
5-5	6.23	-0-	6.23	9.19	599.81
6-2	5.04	-0-	5.04	14.23	594.77
6-29	5.89	-0-	5.89	20.12	588.88
7-27	7.24	-0-	7.24	27.36	581.64
8-25	7.08	-0-	7.08	34.44	574.56
9-22	14.12	-0-	14.12	48.56	560.44
10-19	-0-	-0-	-0-	48.56	560.44
11-28	-0-	-0-	-0-	48.56	560.44
12-14	-0-	-0-	-0-	48.56	560.44
12-31	-0-	-0-	-0-	48.56	560.44
TOTAL	48.56	-0-	48.56		

Remarks: "OTHER WATER USED" IS DRAIN WATER.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

GILBERT GOMEZ
Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 1701
1½' PARSHALL FLUME
14.26.1.133

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1									0.79			
2												
3												
4												
5												
6												
7							1.48					
8						0.72	2.17					
9			0.26			1.50		1.59				
10			0.37			0.75		1.19				
11			0.86					0.79				
12												
13												
14									0.77			
15									0.79			
16									1.57			
17												
18												
19												
20					1.84							
21					0.70							
22												
23												
24												
25												
26				1.57								
27				1.57								
28												
29												
30		x						1.59				
31		x		x		x		1.61	x		x	
cfs	-0-	-0-	1.49	3.14	2.54	2.97	3.65	6.77	3.92	-0-	-0-	-0-
Drain cfs	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Ac/Ft	-0-	-0-	2.96	6.23	5.04	5.89	7.24	13.43	7.78	-0-	-0-	-0-
Drain Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Pecos Ac/Ft	-0-	-0-	2.96	6.23	5.04	5.89	7.24	13.43	7.78	-0-	-0-	-0-

Total AC/FT: 48.57; Drain -0-

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

HAGERMAN IRRIGATION COMPANY
P.O. BOX 507
HAGERMAN, NM 88232

File No. HC-1
HAGERMAN CANAL

Location of Diversion: ¼ NE ¼ SW ¼, Sec. 31, Twp. 10 S, Rge. 25 E

Stream:

Acre Feet per Annum: 24,966.0 (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. Size 8'
Units ACRE-FEET Multiplier

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-12	245.32	262.69	(17.37)	(17.37)	24966.00
2-3	797.53	-	797.53	780.16	24185.84
2-9	257.42	968.01	(710.59)	69.57	24896.43
3-8	1249.76	1287.03	(37.27)	32.30	24933.70
4-7	1347.93	890.56	457.37	489.67	24476.33
5-3	968.76	221.80	746.96	1236.63	23729.37
6-2	846.84	87.57	759.27	1995.90	22970.10
6-28	796.26	93.24	703.02	2698.92	22267.08
7-28	894.34	108.60	785.74	3484.66	21481.34
8-23	743.87	138.01	605.86	4090.52	20875.48
9-21	857.71	100.94	756.77	4847.29	20118.71
10-20	761.62	1060.22	(298.60)	4548.69	20417.31
11-16	590.77	848.18	(257.41)	4291.28	20674.72
12-13	730.01	423.94	306.07	4597.35	20368.65
12-31	502.66	505.67	(3.01)	4594.34	20371.66
TOTAL	11590.80	6996.46	4594.34		

REMARKS: "OTHER WATER USED" IS WATER CONTRIBUTED BY POMONA DRAIN & WOODY-VAN DOREN-MILLER SWAMP AND WATER RETURNED THROUGH THE FELIX DUMP AND NINE-MILE DUMP.

NOTE: 9/14/04 through 10/10/04 - Captured flood waters from local heavy rains.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

HAGERMAN IRRIGATION COMPANY
Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. HC-1
HAGERMAN CANAL
10.25.31.32

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.08	20.48	19.10	18.26	10.76	14.52	14.14	10.76	14.52	15.74	14.14	14.90
2	10.08	20.02	18.68	17.84	10.08	14.14	15.32	10.76	14.14	13.00	10.42	11.86
3	9.74	20.94	18.68	21.86	10.08	14.90	14.52	8.04	14.14	12.62	9.06	11.48
4	10.08	21.86	18.68	86.34	9.74	14.52	14.90	9.40	14.14	11.48	9.06	11.86
5	10.08	21.86	19.10	51.85	10.76	13.76	11.10	18.26	14.14	11.48	8.72	11.86
6	10.08	21.40	18.68	34.44	14.52	13.76	12.62	13.76	14.14	34.20	8.72	12.62
7	10.76	21.40	25.20	26.20	14.90	13.76	12.62	9.74	13.76	24.70	8.38	11.86
8	9.06	21.40	20.02	28.70	14.90	14.52	11.86	10.08	13.76	12.24	8.72	12.62
9	10.76	21.86	16.58	56.00	14.90	15.74	11.86	10.42	11.86	10.42	8.72	12.62
10	10.76	21.86	17.00	33.65	14.90	14.14	11.86	11.10	13.00	9.74	8.72	12.62
11	11.10	22.78	17.00	24.20	14.52	13.00	11.10	14.14	14.14	9.74	8.38	13.00
12	11.10	23.24	20.02	20.48	13.76	13.76	12.62	16.16	16.16	9.06	8.38	13.38
13	10.76	23.24	21.40	20.02	13.76	13.38	12.62	17.42	16.58	9.74	9.40	13.38
14	10.76	22.78	18.26	17.84	14.14	12.62	13.00	29.25	17.00	9.06	18.26	13.38
15	11.10	22.78	18.26	18.68	14.14	14.14	13.76	38.26	17.00	9.40	19.56	13.38
16	17.84	23.24	18.68	21.40	14.14	14.90	13.76	24.20	17.42	9.74	17.42	13.38
17	19.10	23.24	19.10	20.48	14.52	14.14	12.62	13.00	17.84	9.74	13.38	13.38
18	19.10	23.70	18.26	20.94	14.14	14.14	13.00	11.48	17.84	10.08	11.48	13.76
19	19.56	22.78	18.26	20.02	13.76	13.76	10.76	13.38	17.84	10.42	11.86	13.76
20	19.10	22.32	17.84	18.26	15.74	12.62	13.38	14.52	21.40	10.42	12.62	13.38
21	19.10	21.86	17.42	18.68	14.52	15.32	13.00	14.14	14.52	11.48	12.62	13.76
22	19.56	22.32	17.42	21.40	14.14	12.62	13.00	13.00	11.10	11.86	14.52	14.52
23	19.56	22.32	17.84	18.68	13.00	16.58	13.00	11.48	11.10	11.48	21.86	14.90
24	20.02	22.32	17.84	14.52	13.76	15.74	20.02	11.10	11.48	11.86	15.74	14.14
25	20.02	45.40	18.26	10.76	14.90	16.16	32.55	12.24	20.94	13.00	15.32	14.14
26	19.10	25.70	18.68	10.76	13.38	15.32	20.94	13.00	20.94	14.14	15.32	14.14
27	19.10	20.94	19.10	11.10	18.26	15.74	19.10	13.00	15.74	13.76	14.90	14.14
28	19.10	19.56	19.10	10.42	17.42	42.40	11.86	13.38	12.24	10.42	14.14	14.52
29	19.10	19.56	19.10	10.08	13.00	30.90	11.10	14.14	10.42	8.04	14.90	14.52
30	19.10	X	18.68	10.42	14.52	19.10	10.42	14.90	17.00	7.70	15.32	15.32
31	19.56	X	18.68	X	14.14	X	10.76	15.32	X	8.04	X	14.90
cfs	464.32	663.16	580.92	714.28	429.20	480.10	433.17	449.83	456.30	374.80	380.04	417.48
Ac/Ft	920.98	1315.38	1152.25	1416.77	851.32	952.28	859.19	892.24	905.07	743.42	753.81	828.07

TOTAL AC/FT: 11,590.78

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

HAGERMAN IRRIGATION COMPANY
P.O. BOX 507
HAGERMAN, NM 88232

File No. FELIX DUMP

Location of Diversion: SE ¼ SW ¼ SE ¼, Sec. 6, Twp. 14 S, Rge. 26 E

Stream: HAGERMAN CANAL

Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 6'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-12	--	-0-	-0-	-0-	--
2-9	--	-0-	-0-	-0-	--
3-8	--	-0-	-0-	-0-	--
4-7	--	52.30	52.30	52.30	--
5-3	--	153.74	153.74	206.04	--
6-2	--	36.22	36.22	242.26	--
6-28	--	-0-	-0-	242.26	--
7-28	--	-0-	-0-	242.26	--
8-24	--	49.35	49.35	291.61	--
9-21	--	19.95	19.95	311.56	--
10-20	--	446.33	446.33	757.89	--
11-28	--	-0-	-0-	757.89	--
12-13	--	-0-	-0-	757.89	--
12-31	--	-0-	-0-	757.89	--
TOTAL	--	757.89			

Remarks: 9/14/04 through 10/10/04 - Captured flood waters from local heavy rains.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

HAGERMAN IRRIGATION COMPANY
Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. FELIX DUMP
6' PARSHALL FLUME
14.26.6.434

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1								3.69		2.97		
2					7.76					2.63		
3					8.46			1.30				
4				5.02	8.98							
5				6.72	6.72					5.57		
6				5.73	2.56			4.17		11.49		
7				4.20				2.97		65.69		
8				0.91				3.33		51.30		
9								1.05		10.63		
10				3.51						4.50 *		
11				9.79								
12				12.98								
13				8.93								
14												
15								2.73	1.95			
16								3.15				
17								1.50				
18									5.11			
19									3.00			
20												
21												
22									3.94			
23												
24												
25				4.52					2.97 *			
26				4.80					13.29			
27									17.49			
28				0.56					15.17			
29				9.06					13.28			
30		x	1.55	6.23					4.10			
31		x	3.15	x		x	0.99		x		x	
cfs	-0-	-0-	4.70	82.96	34.48	-0-	0.99	23.89	80.30	154.78	-0-	-0-
Ac/Ft	-0-	-0-	9.32	164.55	68.39	-0-	1.96	47.39	159.28	307.01	-0-	-0-

TOTAL AC/FT 757.90

*9/25/04 through 10/10/04 captured flood waters from local heavy rains.

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

HAGERMAN IRRIGATION COMPANY
P.O. BOX 507
HAGERMAN, NM 88232

File No. NINE MILE DUMP

Location of Diversion: NE ¼ NE ¼ NE ¼, Sec. 31, Twp. 12 S, Rge. 26 E
Stream: HAGERMAN CANAL
Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)
Measuring Device: Type PARSHALL FLUME No. _____ Size 6'
Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-12	--	254.09	254.09	254.09	--
2-9	--	953.21	953.21	1,207.30	--
3-8	--	1,262.00	1,262.00	2,469.30	--
3-22	--	617.86	617.86	3,087.16	--
4-7	--	181.01	181.01	3,268.17	--
5-3	--	1.61	1.61	3,269.78	--
6-2	--	-0-	-0-	3,269.78	--
6-28	--	0.65	0.65	3,270.43	--
7-28	--	0.16	0.16	3,270.59	--
8-24	--	-0-	-0-	3,270.59	--
9-21	--	-0-	-0-	3,270.59	--
10-20	--	537.03	537.03	3,807.62	--
11-28	--	813.49	813.49	4,621.11	--
12-13	--	395.89	395.89	5,017.00	--
12-31	--	488.89	488.89	5,505.89	--
TOTAL	--	5,505.89			

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

HAGERMAN IRRIGATION COMPANY

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. NINE MILE DUMP
6' PARSHALL FLUME
12.26.31.222

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11.60	21.00	25.63							12.79	11.23	10.77
2	11.43	17.20	24.96							10.29	11.99	15.16
3	10.78	19.01	24.96							10.29	10.75	13.06
4	11.26	19.01	25.63	4.17						9.42	9.01	13.06
5	10.62	19.01	28.98	0.82						9.42	9.01	13.06
6	10.46	19.01	25.41	0.18						20.73	9.01	13.06
7	9.71	19.01	24.96							23.91	9.01	13.06
8	9.71	21.20	23.86							20.31	9.22	14.23
9	9.71	21.39	13.04	0.58						12.51	10.29	13.93
10	10.62	21.39		0.23						11.99	13.06	13.35
11	10.94	21.59								12.25	12.79	13.06
12	11.26	21.59	12.50							11.48	10.52	13.06
13	11.26	21.99	30.00							11.48	10.29	13.06
14	11.43	21.39	29.74							10.99	11.73	13.06
15	11.43	21.39	28.98							10.99	14.23	13.35
16	11.43	21.39	28.98							10.99	14.23	13.35
17	16.02	21.20	28.73							10.75	14.23	13.06
18	15.46	19.01	28.48							10.99	14.23	13.35
19	16.02	16.60	28.98							10.75	14.23	13.35
20	14.92	15.46	27.99							10.52	13.93	13.35
21	14.92	16.02	27.99							7.11	14.23	13.06
22	16.60	19.01	26.09							3.99	14.85	13.93
23	16.60	19.01	26.56							3.73	18.70	14.23
24	17.20	27.51	26.79							3.38	17.57	13.93
25	17.20	24.08	25.86							3.61	17.57	13.93
26	17.20	26.32	6.88							3.61	17.20	13.64
27	19.01	25.86							0.87	3.07	17.20	13.64
28	19.01	26.09			0.33				0.52	2.38	15.82	13.64
29	19.01	24.96			0.08				4.26	4.85	12.51	14.23
30	19.01	x							12.25	3.73	15.16	14.53
31	21.00	x		x		x			x	4.54	x	14.85
cfs	432.83	607.70	601.98	5.98	0.41	-0-	-0-	-0-	17.90	296.85	393.80	418.40
Ac/Ft	858.52	1205.37	1194.03	11.86	0.81	-0-	-0-	-0-	35.50	588.80	781.10	829.90

TOTAL AC/FT: 5,505.89

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

HAGERMAN IRRIGATION COMPANY
P.O. BOX 507
HAGERMAN, NM 88232

File No. POMONA DRAIN

Location of Diversion: NE ¼ NE ¼ SW ¼, Sec. 22, Twp. 11 S, Rge. 25 E

Stream: PRIVATE WATER

Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 2'
Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-12	--	8.60	8.60	8.60	--
2-9	--	14.80	14.80	23.40	--
3-8	--	25.03	25.03	48.43	--
4-7	--	39.39	39.39	87.82	--
5-3	--	66.45	66.45	154.27	--
6-2	--	51.35	51.35	205.62	--
6-28	--	92.59	92.59	298.21	--
7-28	--	108.44	108.44	406.65	--
8-23	--	88.66	88.66	495.31	--
9-21	--	80.99	80.99	576.30	--
10-20	--	76.86	76.86	653.16	--
11-16	--	34.69	34.69	687.85	--
12-13	--	28.05	28.05	715.90	--
12-31	--	16.78	16.78	732.68	--
TOTAL	--	732.68			

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

HAGERMAN IRRIGATION COMPANY

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. POMONA DRAIN
2' PARSHALL FLUME
11.25.22.322

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.47	0.17	0.37	0.51	0.99	1.44	1.93	1.79	1.64	1.64	0.71	0.56
2	0.42	0.17	0.42	0.56	0.99	1.44	1.86	1.72	1.57	1.57	0.71	0.56
3	0.47	0.17	0.42	0.93	0.99	1.72	1.93	1.72	1.64	1.64	0.66	0.56
4	0.37	0.32	0.42	2.16	0.82	1.64	1.86	1.72	1.57	1.57	0.61	0.51
5	0.42	0.37	0.56	1.50	0.77	1.64	1.72	1.86	1.50	1.57	0.56	0.51
6	0.37	0.32	0.47	1.30	0.82	1.57	1.72	1.86	1.50	1.44	0.56	0.51
7	0.37	0.32	0.47	1.30	1.05	1.57	1.64	1.93	1.44	1.44	0.51	0.51
8	0.32	0.27	0.66	1.37	1.11	1.57	1.64	1.79	1.37	1.37	0.51	0.51
9	0.32	0.32	0.42	1.37	0.88	1.72	1.64	1.72	1.44	1.37	0.47	0.51
10	0.27	0.42	0.47	1.30	0.82	1.79	1.72	1.64	1.44	1.30	0.37	0.47
11	0.27	0.51	0.42	1.30	0.82	1.79	1.72	1.72	1.37	1.30	0.37	0.47
12	0.27	0.56	0.71	1.24	0.77	2.16	1.72	1.72	1.37	1.24	0.37	0.47
13	0.27	0.51	0.61	1.18	0.71	1.86	1.79	1.64	1.30	1.24	0.37	0.47
14	0.27	0.47	0.47	1.18	0.71	1.79	2.09	1.50	1.24	1.18	0.37	0.47
15	0.27	0.42	0.47	1.11	0.71	1.79	2.24	1.50	1.11	1.18	0.37	0.47
16	0.27	0.51	0.56	1.11	0.71	1.64	1.79	1.50	1.11	1.11	0.37	0.47
17	0.22	0.61	0.51	1.11	0.71	1.64	1.72	1.50	1.11	1.11	0.42	0.42
18	0.22	0.56	0.47	1.18	0.77	1.64	1.64	1.50	1.11	1.05	0.51	0.42
19	0.17	0.51	0.47	1.18	0.77	1.64	1.64	1.86	1.05	1.05	0.56	0.42
20	0.17	0.47	0.47	1.24	0.77	1.64	1.64	1.72	1.05	0.99	0.56	0.42
21	0.17	0.42	0.42	1.30	0.82	1.57	1.64	1.50	0.93	0.99	0.47	0.51
22	0.37	0.42	0.42	1.44	0.82	1.86	1.64	1.50	0.99	0.99	0.47	0.56
23	0.42	0.37	0.47	1.50	0.77	1.93	1.72	1.37	0.93	0.93	0.56	0.56
24	0.37	0.37	0.47	1.57	0.71	1.86	1.79	1.37	1.44	0.88	0.56	0.51
25	0.32	0.37	0.51	1.44	0.71	2.01	1.86	1.37	2.09	0.88	0.56	0.51
26	0.32	0.37	0.56	1.44	0.82	2.16	1.86	1.50	1.24	0.88	0.56	0.47
27	0.27	0.32	0.61	1.37	0.77	2.24	1.86	1.64	1.24	0.82	0.56	0.47
28	0.27	0.32	0.51	1.44	0.77	2.24	2.32	2.01	1.30	0.82	0.61	0.47
29	0.27	0.32	0.51	1.44	0.88	2.32	2.48	1.64	1.44	0.82	0.56	0.47
30	0.22	x	0.56	1.72	1.11	2.01	2.01	1.72	1.72	0.82	0.56	0.42
31	0.17	x	0.51	x	1.11	x	1.93	1.72	x	0.77	x	0.42
cfs	9.37	11.26	15.39	38.79	25.98	53.89	56.76	51.25	40.25	35.96	15.41	15.08
Ac/Ft	18.59	22.33	30.53	76.94	51.53	106.89	112.58	101.65	79.84	71.33	30.57	29.91

TOTAL AC/FT: 732.69

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

HAGERMAN IRRIGATION COMPANY
P.O. BOX 507
HAGERMAN, NM 88232

File No. WOODY-VAN DOREN-MILLER SWAMP

Location of Diversion: SW ¼ SW ¼ SE ¼, Sec. 16, Twp. 11 S, Rge. 25 E

Stream: PRIVATE WATER

Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 9"

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

HAGERMAN IRRIGATION COMPANY

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. WOODY-VAN DOREN-MILLER SWAMP
9" PARSHALL FLUME
11.25.16.433

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	De
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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23												
24												
25												
26												
27												
28												
29												
30		X										
31		X		X		X			X		X	
cfs												
Ac/Ft												

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

MARVIN STERRETT
P.O. BOX 275
DEXTER, NM 88230

JIM LANGENEGGER
P.O. BOX 12
HAGERMAN, NM 88232

File No. 0223-B(e), 785, 789 & 978
SUB-FILE NO. RP.11

Location of Diversion: NE ¼ NW ¼ NW ¼, Sec. 18, Twp. 14 S, Rge. 27 E

Stream: PECOS RIVER

Acre Feet per Annum: 773.4 (902.3) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 1½'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft

Remarks: "OTHER WATER USED" IS DRAIN WATER.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

JIM LANGENEGGER

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 0223-B(e), 785, 789 & 978
1½' PARSHALL FLUME
14.27.18.112

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30		X										
31		X		X		X			X		X	
cfs												
Drain cfs												
Ac/Ft												
Drain Ac/Ft												
Pecos Ac/Ft												
Total												

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

ROYCE LANKFORD
1800 LIPAN RD.
ROSWELL, NM 88201

File No. 720-A-1, 720-B, 796, 855 & 860
SUB-FILE NO. RP.13

JIM GRASSIE
P.O. BOX 144
DEXTER, NM 88230

Location of Diversion: SE ¼ SE ¼ NW ¼, Sec. 2, Twp. 14 S, Rge. 26 E

Stream: PECOS RIVER

Acre Feet per Annum: 652.8 (761.6) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 1½'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft

Remarks: "OTHER WATER USED" IS DRAIN WATER.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

ROYCE LANKFORD

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 720-A-1, 720-B, 796, 855 & 860
1½' PARSHALL FLUME
14.26.2.144

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30		X										
31		X		X		X			X		X	
cfs												
Drain cfs												
Ac/Ft												
Drain Ac/Ft												
Pecos Ac/Ft												
Total												

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

COLIN & DIANA LATHROP
786 PAIUTE RD.
HAGERMAN, NM 88232

File No. 886-A
SUB-FILE NO. RP.14

Location of Diversion: SE ¼ NE ¼ SW ¼, Sec. 24, Twp. 14 S, Rge. 26 E
Stream: PECOS RIVER
Acre Feet per Annum: 39.9 (46.55) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)
Measuring Device: Type PARSHALL FLUME No. _____ Size 1'
Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-14	-0-	-0-	-0-	-0-	46.55
2-9	-0-	-0-	-0-	-0-	46.55
3-10	-0-	-0-	-0-	-0-	46.55
4-8	-0-	-0-	-0-	-0-	46.55
5-4	-0-	-0-	-0-	-0-	46.55
8-25	-0-	-0-	-0-	-0-	46.55
9-22	-0-	-0-	-0-	-0-	46.55
10-20	-0-	-0-	-0-	-0-	46.55
TOTAL	-0-	-0-	-0-		

Remarks: "OTHER WATER USED" IS DRAIN WATER.
10/20/04: Discontinue maintenance again.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

COLIN & DIANA LATHROP

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 886-A
1' PARSHALL FLUME
14.26.24.324

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30		X										
31		X		X		X			X		X	
cfs	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-		
Drain cfs	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-		
Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-		
Drain Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-		
Pecos Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-		

Total AC/FT: -0-; Drain -0-

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

BRAD MORRIS
8552 SPOKANE
LAKE ARTHUR, NM 88253

File No. 0223-B & 642
SUB-FILE NO. RP.8

Location of Diversion: NE ¼ SE ¼ NW ¼, Sec. 27, Twp. 15 S, Rge. 26 E

Stream: PECOS RIVER

Acre Feet per Annum: 390.0 (455.0) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 1'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft

Remarks: "OTHER WATER USED" IS DRAIN WATER.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

BRAD MORRIS

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 0223-B & 642
1'PARSHALL FLUME
15.26.27.142

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30		X										
31		X		X		X			X		X	
cfs												
Drain cfs												
Ac/Ft												
Drain Ac/Ft												
Pecos Ac/Ft												
Total												

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

BRAD MORRIS

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 0223-B & 642
1'PARSHALL FLUME
15.26.27.142

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30		X										
31		X		X		X			X		X	
cfs												
Drain cfs												
Ac/Ft												
Drain Ac/Ft												
Pecos Ac/Ft												
Total												

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

CECIL POLLARD
733 E. OTTAWA RD.
HAGERMAN, NM 88232

File No. 0965
SUB-FILE NO. RP.16

Location of Diversion: NE ¼ SW ¼ SE ¼, Sec. 12, Twp. 15 S, Rge. 26 E
Stream: PECOS RIVER
Acre Feet per Annum: 180.0 (210.0) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)
Measuring Device: Type PARSHALL FLUME No. _____ Size 1'
Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-14	-0-	-0-	-0-	-0-	210.00
2-16	-0-	-0-	-0-	-0-	210.00
3-10	-0-	-0-	-0-	-0-	210.00
4-8	-0-	-0-	-0-	-0-	210.00
5-4	-0-	-0-	-0-	-0-	210.00
6-2	-0-	-0-	-0-	-0-	210.00
6-28	-0-	-0-	-0-	-0-	210.00
7-27	18.78	-0-	18.78	18.78	191.22
8-25	23.46	-0-	23.46	42.24	167.76
9-22	-0-	-0-	-0-	42.24	167.76
10-19	3.37	-0-	3.37	45.61	164.39
11-22	-0-	-0-	-0-	45.61	164.39
12-16	-0-	-0-	-0-	45.61	164.39
12-31	-0-	-0-	-0-	45.61	164.39
TOTAL	45.61	-0-	45.61		

Remarks: THIS RECORD REFLECTS SURFACE USE ONLY. SUPPLEMENTAL WATER DIVERTED FROM RA-165 INCLUDED IN ROSWELL/ARTESIAN BASIN WATERMASTER RECORDS.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

CECIL POLLARD

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 0965
1' PARSHALL FLUME
15.26.12.432

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1								1.35				
2												
3							1.42					
4							1.34					
5							0.99					
6												
7												
8												
9												
10								0.77				
11								1.68				
12							0.84	1.51				
13							1.72	1.26				
14							1.62					
15							1.34					
16							0.20					
17												
18												
19												
20												
21												
22												
23								1.49				
24								1.68	1.70			
25								0.95				
26												
27												
28												
29												
30		x										
31		x		x		x	1.14		x		x	
cfs	-0-	-0-	-0-	-0-	-0-	-0-	10.61	10.69	1.70	-0-	-0-	-0-
Drain cfs	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	21.04	21.20	3.37	-0-	-0-	-0-
Drain Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Pecos Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	21.04	21.20	3.37	-0-	-0-	-0-

Total AC/FT: 45.61; Drain -0-

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

COMMISSIONERS
EAST PUERTO DE LUNA DITCH
PUERTO DE LUNA, NM 88432

File No. EAST PUERTO DE LUNA COMMUNITY DITCH

Location of Diversion: ¼ NW ¼ NE ¼, Sec. 30, Twp. 8 N, Rge. 22 E
Stream: PECOS RIVER
Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)
Measuring Device: Type PARSHALL FLUME No. _____ Size 2'
Units ACRE-FEET Multiplier _____

Date 2004	Total Used, Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-6	-0-	--	-0-	-0-	--
2-2	-0-	--	-0-	-0-	--
3-2	-0-	--	-0-	-0-	--
3-31	-0-	--	-0-	-0-	--
4-28	-0-	--	-0-	-0-	--
5-26	6.27	--	6.27	6.27	--
6-23	400.13	--	400.13	406.40	--
7-21	449.98	--	449.98	856.38	--
8-17	350.82	--	350.82	1,207.20	--
9-15	382.88	--	382.88	1,590.08	--
10-18	331.54	--	331.54	1,921.62	--
11-9	79.14	--	79.14	2,000.76	--
12-8	-0-	--	-0-	2,000.76	--
12-31	-0-	--	-0-	2,000.76	--
TOTAL	2,000.76				

Remarks: FIGURES REPRESENT ACRE-FEET DIVERTED FROM THE PECOS RIVER. EXCESS WATER WAS RETURNED TO THE RIVER THROUGH NUMEROUS SLUICE-CHANNELS.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

EAST PUERTO DE LUNA DITCH

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 2' PARSHALL FLUME
8N.22.30.212

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1						7.75	10.04	8.00	5.55	1.44	0.25	
2						7.88	2.36	8.63	10.20	1.37	0.47	
3						8.00	5.55	8.63	10.20	1.30	0.51	
4						7.63	7.88	8.38	10.89	0.47	0.66	
5						7.27	9.67	8.63	11.31	0.77	0.77	
6						7.03	9.67	8.50	11.45	0.93	0.88	
7						6.80	10.07	8.38	5.66	0.82	0.77	
8						6.56	10.20	5.66	11.59	0.61	0.41	
9						7.39	10.48	5.44	11.59	0.42		
10						6.92	10.61	5.88	5.55	0.77		
11						6.80	10.61	6.92	5.88	0.82		
12						6.33	8.88	7.27	6.80	0.66		
13						6.68	6.92	7.39	6.12	0.71		
14						7.88	6.92	7.75	7.75	0.93		
15						9.67	6.80	6.19	6.68	0.93		
16						6.44	6.68		8.00	0.93		
17						6.00	6.68		8.50	0.93		
18					0.20	6.00	6.68		10.07	0.93		
19					0.37	6.44	6.92		10.75	5.23		
20					0.37	6.80	6.92		12.16	8.12		
21					0.37	6.80	6.68	4.39	12.59	8.00		
22					0.37	6.44	6.56	6.56	13.63	8.25		
23					0.37	6.22	6.80	6.33	14.08	5.58		
24					0.37	9.01	7.03	6.33	14.23			
25					0.37	9.94	6.11	6.44	15.00			
26					0.37	8.25	6.00	6.00	15.16			
27					8.50	7.39	6.22	6.11	12.59			
28					8.12	8.12	6.80	6.00	1.37			
29					8.00	7.39	6.11	5.77	1.64			
30		X			7.75	9.54	6.44	5.77	1.64			
31		X		X	7.63	X	7.15	6.11	X		X	
cfs	-0-	-0-	-0-	-0-	43.16	221.37	232.44	177.46	278.63	50.92	4.72	-0-
Ac/Ft	-0-	-0-	-0-	-0-	85.61	439.09	461.04	351.99	552.66	101.00	9.36	-0-

TOTAL AC/FT 2,000.75

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

COMMISSIONERS
WEST PUERTO DE LUNA DITCH
PUERTO DE LUNA, NM 88432

File No. WEST PUERTO DE LUNA COMMUNITY DITCH

Location of Diversion: ¼ SW ¼ NE ¼, Sec. 36, Twp. 8 N, Rge. 21 E

Stream:

Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 2'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-6	-0-	--	-0-	-0-	--
2-2	-0-	--	-0-	-0-	--
3-2	-0-	--	-0-	-0-	--
3-31	-0-	--	-0-	-0-	--
4-28	-0-	--	-0-	-0-	--
5-26	371.41	--	371.41	371.41	--
6-23	381.45	--	381.45	752.86	--
7-21	244.59	--	244.59	997.45	--
8-17	294.59	--	294.59	1,292.04	--
9-15	437.46	--	437.46	1,729.50	--
10-18	331.88	--	331.88	2,061.38	--
11-9	184.45	--	184.45	2,245.83	--
12-8	230.54	--	230.54	2,476.37	--
12-31	-0-	--	-0-	2,476.37	--
TOTAL	2,476.37				

Remarks: FIGURES REPRESENT ACRE-FEET DIVERTED FROM AGUA NEGRA CREEK. EXCESS WATER DIVERTED WAS RETURNED TO THE CREEK AND THE PECOS RIVER THROUGH SLUICE-CHANNELS.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

WEST PUERTO DE LUNA DITCH

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 2' PARSHALL FLUME
8N.21.36.320

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1						7.75	5.55	8.00	9.27	7.27	2.09	
2						7.51	4.50	8.12	8.25	7.27	1.93	
3					5.09	7.27	5.66	8.25	8.12	7.39	2.24	
4					7.75	7.03	5.23	8.12	8.00	6.68	1.86	
5					7.75	6.92	5.02	8.38	7.88	1.39	4.40	
6					7.88	6.80	4.70	8.38	7.88		9.67	
7					7.88	6.68	4.20	8.38	7.88		9.67	
8					7.88	6.44	3.81	8.88	7.75		9.54	
9					7.88	6.11	3.62	8.76	7.75	4.62	9.54	
10					7.88	6.22	3.35	8.38	7.75	9.67	9.67	
11					7.75	6.33	3.08	8.00	7.63	8.12	9.80	
12					7.88	6.33	4.60	8.12	7.39	7.03	9.80	
13					8.00	6.80	1.30	8.88	7.39	5.12	10.48	
14					7.88	7.51	4.01	8.25	7.39	3.81	10.20	
15					7.88	7.51	5.02	8.25	7.39	3.44	9.94	
16					7.88	7.03	5.02	8.25	7.39	3.08	9.94	
17					7.88	6.33	5.02	8.12	7.39	2.57	9.80	
18					7.75	5.44	5.23	8.12	7.39	1.86	5.34	
19					7.63	4.70	4.30	8.25	7.27	1.86	2.90	
20					7.75	4.01	3.91	3.44	2.05	1.79	3.08	
21					8.12	6.68	5.88	5.63		1.24	3.17	
22					8.12	8.25	1.44	8.50		0.99	2.99	
23					8.25	7.15		8.25	3.94	0.88	3.08	
24					8.25	6.33	0.72	8.25	7.39	4.91	3.08	
25					8.12	4.70		8.25	7.51	8.76	3.08	
26					8.12	3.62		8.12	7.63	6.92	2.65	
27					8.00	3.08		8.12	7.51	4.20	2.09	
28					8.00	3.44		8.00	7.63	3.35	2.09	
29					7.88	4.11		7.63	7.51	2.90	2.09	
30		X			7.88	5.02		5.12	7.39	2.24	0.96	
31		X		X	7.75	X	4.84	7.15	X	2.01	X	
cfs	-0-	-0-	-0-	-0-	226.76	183.10	100.01	244.35	205.72	121.37	167.17	-0-
Ac/Ft	-0-	-0-	-0-	-0-	449.78	363.18	198.37	484.67	408.05	240.74	331.58	-0-

TOTAL AC/FT 2,476.37

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

WANDA HALEY RHODES
1102 E. ABERDEEN RD.
HAGERMAN, NM 88232

File No. 0223-B(a) & 0955
SUB-FILE NO. RP.7

cc: MARVIN STERRETT
P.O. BOX 275
DEXTER, NM 88230

Location of Diversion: SW ¼ NE ¼ SW ¼, Sec. 7, Twp. 14 S, Rge. 27 E

Stream: PECOS RIVER

Acre Feet per Annum: 88.2 (102.9) (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 1'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-14	-0-	-0-	-0-	-0-	102.90
2-9	-0-	-0-	-0-	-0-	102.90
3-10	-0-	-0-	-0-	-0-	102.90
4-7	4.32	3.81	0.51	0.51	102.39
5-5	34.61	33.60	1.01	1.52	101.38
6-3	21.94	14.86	7.08	8.60	94.30
6-29	32.41	3.87	28.54	37.14	65.76
7-29	56.77	6.25	50.52	87.66	15.24
8-25	2.36	0.60	1.76	89.42	13.48
9-22	-0-	-0-	-0-	89.42	13.48
10-19	-0-	-0-	-0-	89.42	13.48
11-22	-0-	-0-	-0-	89.42	13.48
12-16	-0-	-0-	-0-	89.42	13.48
12-31	-0-	-0-	-0-	89.42	13.48
TOTAL	152.41	62.99	89.42		

Remarks: "OTHER WATER USED" IS DRAIN WATER.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

WANDA HALEY RHODES

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. 0223-B(a) & 0955
1' STEEL PARSHALL FLUME
14.27.7.323

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1				1.33 1.07	1.27 1.07		1.29 0.15					
2				0.85 0.85	1.09 1.07		1.48 0.15					
3					1.08 1.07							
4					1.08 1.07							
5						1.69 0.15	0.99 0.15					
6						1.88 0.15	1.54 0.15					
7						1.69 0.15	1.35 0.15					
8						1.50 0.15	1.35 0.15					
9				1.00 1.00		1.48 0.15	1.16 0.15					
10						1.13 0.15						
11						1.52 0.15						
12						1.14 0.15	1.35 0.15					
13							1.35 0.15					
14												
15						0.94 0.15	1.73 0.15					
16						0.56 0.15	1.54 0.15					
17							2.58 0.15					
18						0.57 0.15						
19				1.00 1.00			1.16 0.15					
20				0.83 0.83			1.93 0.15					
21				1.26 1.07			1.16 0.15					
22				1.08 1.07	1.26 1.07	1.50 0.15	1.16 0.15					
23				1.08 1.07			1.16 0.15					
24				1.09 1.07	1.62 1.07		1.48 0.15					
25				0.73 0.73	1.62 1.07							
26				0.55 0.55	1.64 1.07		1.16 0.15					
27				1.09 1.07	1.46 1.07		1.14 0.15					
28				1.08 1.07	1.82 1.07	0.74 0.15	0.56 0.15					
29				1.06 1.06	1.64 1.07							
30		X		1.08 1.07			0.27 0.15					
31		X		X		X	0.92 0.15		X		X	
cfs	-0-	-0-	-0-	15.11	15.58	16.34	29.81	-0-	-0-	-0-	-0-	-0-
Drain cfs	-0-	-0-	-0-	14.58	11.77	1.95	3.45	-0-	-0-	-0-	-0-	-0-
Ac/Ft	-0-	-0-	-0-	29.97	30.90	32.41	59.13	-0-	-0-	-0-	-0-	-0-
Drain Ac/Ft	-0-	-0-	-0-	28.92	23.35	3.87	6.84	-0-	-0-	-0-	-0-	-0-
Pecos Ac/Ft	-0-	-0-	-0-	1.05	7.55	28.54	52.29	-0-	-0-	-0-	-0-	-0-

Total AC/FT: 152.41; less Drain 62.98 = 89.43

OFFICE OF THE STATE ENGINEER
PVSWD DIVERSION RECORD

File No. 03249

Arsenio Sanchez
P.O. Box 324
Santa Rosa, NM 88435-0324

Stream:..... Pecos River

Acre Feet per Annum:..... **127.860**

Note: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.

Land Description: Pt. SE¼ Sec. 17 Twp. 7 N Rge 22 E
Pt. NE¼ Sec. 20 Twp. 7 N Rge 22 E

Measuring Device:..... McCrometer No.: 02-8-06537 Size: 8" Units: Acre Feet

Location 7N.22.20.2

Calendar Year 2004	Meter Reading	Public Water Diverted (Ac/Ft)	Remaining Public Water (Ac/Ft)
beginning reading	0.000		
4/1/2004	0.000	0.00	127.86
4/29/2004	0.000	0.00	127.86
5/27/2004	0.532	0.53	127.33
6/24/2004	10.806	10.27	117.05
7/22/2004	20.025	9.22	107.84
8/18/2004	20.025	0.00	107.84
9/16/2004	20.025	0.00	107.84
10/19/2004	20.025	0.00	107.84
		0.00	107.84
		0.00	107.84
		0.00	107.84
		0.00	107.84
		0.00	107.84
		0.00	107.84
	Totals	20.03	107.84

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

27-Apr-05

OFFICE OF THE STATE ENGINEER
PVSWD DIVERSION RECORD

File no. 0443

Mark Stuart Savage and
John and Deana Lorentzen
1199 Black River Village Road
Carlsbad, N.M. 88220 (505)785-2235

Stream:..... Blue Springs
Acre Feet per Annum:..... **40.02**

Note: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.

Location of Diversion:..... SW¼ NE¼ SW¼ Sec. 27 Twp. 24 S. Rge 26 E.

Measuring Device:..... Sparling meter No.: 59162 Size: 14" Units: Acre Feet
Location:..... SW¼ NW¼ SE¼ Sec. 23 Twp. 24S. Rge 26E.

Calendar Year 2004	Observed Meter Reading	Public Water Diverted (Ac/Ft)	Remaining Public Water (Ac/Ft)
-beginning reading	497.492		
1/28/2004	497.492	0.00	40.02
2/27/2004	497.492	0.00	40.02
3/25/2004	497.492	0.00	40.02
3/30/2004	497.492	0.00	40.02
4/22/2004	497.492	0.00	40.02
5/13/2004	502.894	5.40	34.62
5/20/2004	506.831	3.94	30.68
6/15/2004	509.677	2.85	27.84
7/14/2004	528.239	18.56	9.27
8/11/2004	528.240	0.00	9.27
9/9/2004	539.821	11.58	-2.31
10/7/2004	539.821	0.00	-2.31
11/4/2004	541.961	2.14	-4.45
		0.00	-4.45
	Subtotals	44.47	
	-10% Carriage Loss	4.45	
	Totals	**40.02**	**0.00**

Remarks:
The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

08-Feb-05

OFFICE OF THE STATE ENGINEER
PVSWD DIVERSION RECORD

File No. 0443-A

Mark Stuart Savage
34 Bay View Terrace, Mossman Park
Western Australia 6012, Australia
011 6189 385-6935

cc: Ken Guest
1199 Black River Village Rd.
Carlsbad, NM 88220

Stream:..... Blue Springs

Acre Feet per Annum:..... **20.01**

Note: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.

Location of Diversion:..... SW¼ NE¼ SW¼ Sec. 27 Twp. 24 S. Rge 26 E.

Measuring Device:..... Size: Units:

Location:..... Sec. Twp. Rge

Calendar Year 2004	Observed Meter Reading	Public Water Diverted (Ac/Ft)	Remaining Public Water (Ac/Ft)
-beginning reading-	541.961		
11/4/2004	564.347	22.39	-2.38
12/29/2004	564.347	0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
		0.00	-2.38
	Subtotals	22.39	-2.38
	-10% Carriage Loss	2.24	
	Totals	**20.15**	**-0.14**

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

08-Feb-05

OFFICE OF THE STATE ENGINEER
PVSWD DIVERSION RECORD

File no. C-700 & CID

William Sibley
P.O. Drawer 2048
Carlsbad, N.M. 88220

Patrick Edeal and Betty Edeal

Stream:..... Pecos River
Acre Feet per Annum:.....

Location of Diversion:..... NE¼, SE¼, NW¼ Sec. 14 Twp. 22 S. Rge 27 E.

Measuring Device:..... McCrometer No.: 91-16-178 Size: 16" Units: Acre Feet

Calendar Year 2004	Observed Meter Reading	Public Water Diverted (Ac/Ft)	
-beginning reading-	437.31		
1/28/2004	437.31	0.00	
2/27/2004	437.31	0.00	
3/30/2004	437.31	0.00	
5/20/2004	527.42	90.11	
6/17/2004	614.22	86.80	
7/15/2004	651.47	37.25	
8/11/2004	723.01	71.54	
9/9/2004	792.57	69.56	
10/7/2004	925.83	133.26	
11/4/2004	963.46	37.63	
12/28/2004	963.46	0.00	
		0.00	
		0.00	
		0.00	
		0.00	
		0.00	
	Totals	526.15	

Remarks: Pecos River is used as a carrier for water delivered by C.I.D. above 6-Mile Dam

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

29-Dec-04

NEW MEXICO STATE ENGINEER

DIVERSION RECORD

C.I.D.
201 S. CANAL ST.
CARLSBAD, NM 88220

WILLIAM SIBLEY
P.O. DRAWER 2048
CARLSBAD, NM 88220

File No. C-700-B-A
WELL SPILL

Location of Diversion: SW ¼ SW ¼ NE ¼, Sec. 15, Twp. 22 S, Rge. 27 E

Stream:

Acre Feet per Annum: _____ (NOTE: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.)

Measuring Device: Type PARSHALL FLUME No. _____ Size 2'

Units ACRE-FEET Multiplier _____

Date 2004	Total Used Ac/Ft	Other Water Used Ac/Ft	Public Water Used * Ac/Ft	Accumulative Public Water Used - Ac/Ft	Remaining Public Water Ac/Ft
1-1	-0-	--	-0-	-0-	--
1-27	-0-	--	-0-	-0-	--
2-26	-0-	--	-0-	-0-	--
3-24	-0-	--	-0-	-0-	--
4-21	-0-	--	-0-	-0-	--
5-19	-0-	--	-0-	-0-	--
6-16	-0-	--	-0-	-0-	--
7-14	-0-	--	-0-	-0-	--
8-10	-0-	--	-0-	-0-	--
9-8	-0-	--	-0-	-0-	--
10-6	-0-	--	-0-	-0-	--
11-3	-0-	--	-0-	-0-	--
12-1	9.0	--	9.0	9.0	--
12-28	-0-	--	-0-	9.0	--
12-31	-0-	--	-0-	9.0	--
TOTAL	9.0				

Remarks: FIGURES REFLECT WATER SPILLED INTO THE PECOS RIVER.

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

WILLIAM C. SIBLEY

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

File No. C-700-B-A
WELL SPILL
22.27.15.233

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2												
3												
4												
5												
6												
7												
8												
9											4.54	
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30		X										
31		X		X		X			X		X	
cfs	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	4.54	-0-
Ac/Ft	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	9.00	-0-

TOTAL AC/FT 9.0

OFFICE OF THE STATE ENGINEER
PVSWD DIVERSION RECORD

File No. 0941-D-A; 0941-A-E

Dr. Stephen D. & Janie L. White
612 N. 13th
Artesia, New Mexico 88210

Stream:..... Pecos River

Acre Feet per Annum:..... **52.50**

Note: This figure is as set forth in water right documents and is not necessarily an affirmation of such quantity.

Land Description:..... Pt. SW¼NE¼ Pt. N½NW¼SE¼ Sec. 23 Twp. 16 S. Rge 26 E.

Measuring Devices:.....		McCrometer	Size:	Units:
Locations:	16.26.23.240	No.: 89-8-1407	8"	Acre Feet
Suppl. Well:	16.26.23.234	No.: 02-6-03190	6"	Acre Feet

Calendar Year 2004	Surface Water Diverted (Ac/Ft)	Supplemental Well (Ac/Ft) (RA-10,314)	Remaining Public Water (Ac/Ft)
1/6/2004	0.000	0.982	51.518
1/21/2004	0.000	0.301	51.217
2/13/2004	0.000	0.865	50.352
3/11/2004	0.579	0.000	49.773
3/18/2004	1.818	0.000	47.955
5/4/2004	0.592	4.641	42.722
6/3/2004	0.000	2.767	39.955
6/29/2004	0.000	2.884	37.071
7/29/2004	0.441	1.113	35.517
8/25/2004	0.815	0.066	34.636
9/23/2004	0.533	1.343	32.760
10/20/2004	0.000	0.000	32.760
10/27/2004	0.486	0.000	32.274
11/29/2004	0.000	0.019	32.255
12/16/2004	0.000	0.000	32.255
Totals	5.26	14.98	32.26

Remarks:

The above results were computed from data obtained at the named party's measuring station and show quantities as of the last date listed. Any questions regarding this data should be directed to the Watermaster.

08-Feb-05

STATE ENGINEER OFFICE
PECOS VALLEY SURFACE WATER DISTRICT
Daily Discharge in Second-Feet

STEPHEN WHITE

File No. 0941-D-A; 0941-A-E
16.26.23.24

Small Figures Indicate Drain Water
X - Indicates Using Others' Drain

2004	DISCHARGE											
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2												
3												
4					0.2985							
5												
6												
7												
8												
9												
10												
11			0.2919									
12												
13												
14												
15												
16												
17												
18			0.9166									
19												
20												
21												
22												
23									0.2687			
24												
25								0.4109				
26												
27										0.2450		
28												
29		x					0.2223					
30		x										
31		x		x		x			x		x	
cfs	-0-	-0-	1.209	-0-	0.2985	-0-	0.2223	0.4109	0.2687	0.2450	-0-	-0-
Ac/Ft	-0-	-0-	2.398	-0-	0.592	-0-	0.441	0.815	0.533	0.486	-0-	-0-

TOTAL AC/FT: 5.26