08-3772.00 RIO GRANDE AT FOSTER RANCH NEAR LANGTRY, TEXAS AND RANCHO SANTA ROSA, COAHUILA

1999 Date	Time Std.	Stream flow, Momen-tary * CMS	Specific Conduct-ance Micro-siemens	pH Units	Water Temper-ature Deg C	Hard-ness, Total (as CaCO3) mg/L	Hard-ness, Noncar-bonate (as CaCO3) mg/L	Calcium ion (Ca), Dis-solved mg/L	Magne-sium ion (Mg), Dis-solved mg/L	Sodium ion (Na), Dis-solved mg/L	Sodium Adsorp-tion Ratio (SAR)	Potassium ion (K) Dissolved mg/L	Alka-linity Total (as CaCO3) mg/L	Sulfate ion (SO4) Dis-solved mg/L	Chloride ion (Cl), Dis-solved mg/L	Silica (SiO2), Dis-solved mg/L	Oxygen, Dis-solved (DO) mg/L	Coli-form, Fecal Colonies/ 100 mL	Tur-bidity NTU	Solids Dis-solved (Calcu-lated) mg/L	Solids Dis-solved (Residue @ 180 Deg C) mg/L	Sus-pended Sedi-ment mg/L
Jan. 13	1100	13.0	1,680	8.3	12.0	320	190	82	28	216	5	6.5	130	360	230	0.6	9.8	N.A.	18	1,000	1,050	25
Mar. 24	1120	8.86	1,390	7.9	23.3	330	180	85	28	159	4	6.2	150	300	160	16.0	7.9	N.A.	120	851	836	213
April 21	1030	6.29	1,070	8.2	21.5	290	160	90	15	114	3	5.1	130	240	99	14.0	9	N.A.	330	888	702	532
May 19	1150	5.52	1,310	8.1	26.4	320	180	83	27	147	4	6.0	158	300	140	19.0	7.4	N.A.	80	813	832	123
June 15	1800	445	640	7.5	22.4	200	100	67	6.5	54	2	4.6	91	160	36	9.1	2.6	N.A.	300	395	430	12,600
June 30	0900	22.5	952	8	28.0	270	160	90	9.7	94	3	5.9	140	210	46	16.0	6.7	N.A.	2,200	629	673	4,450
Aug. 3	1100	50.1	746	7.7	27.5	200	110	68	7.1	65	2	4.4	115	390	140	13.0	6	N.A.	4,000	446	490	11,400
Sept. 9	1210	25.5	1,100	7.7	27.3	260	150	86	11	120	3	5.4	125	200	48	14.0	6.4	N.A.	3,600	695	726	7,600
Dec. 8	1130	11.9	1,840	7.9	12.5	360	200	95	29	231	5	6.4	158	340	210	12.0	10.1	N.A.	48	1,110	1,150	#

* Flow provided by the US Geological Survey
N.A.- Not Analyzed
- Missing Data

SUSPENDED SILT - 1999

1999 Date	Time Std.	Stream-flow, Momen-tary CMS	Gravimetric Percent
Jan. 04	1130	14.4	0.0038
Jan. 19	1115	13.5	0.0039
Feb. 02	1045	12.0	0.0046
Feb. 12	1045	11.2	0.0033
Mar. 01	1045	10.9	0.0108
Mar. 12	1100	9.94	0.0139
April 19	1000	8.95	0.0618
May 3	1015	8.98	0.0153
May 17	0940	6.68	0.0048

1999 Date	Time Std.	Stream-flow, Momen-tary CMS	Gravimetric Percent
June 7	1015	9.46	0.0235
June 21	1045	25.4	0.7758
June 28	1015	33.1	0.4585
July 19	1130	63.3	1.3107
Aug. 03	1030	53.2	1.0289
Aug. 16	1000	16.0	0.0325
Sep. 07	1030	55.5	0.3109
Sep. 21	0915	12.1	0.0471
Oct. 04	1030	12.0	0.0168

1999 Date	Time Std.	Stream-flow, Momen-tary CMS	Gravi-metric Percent
Nov. 01	1100	12.5	0.015
Nov. 15	1100	13.5	0.0172
Dec. 06	1200	13.4	0.0139
Dec. 20	1115	14.3	0.0072

SPECIFIC CONDUCTANCE OF WATER SAMPLES IN MICROSIEMENS/CM $ 25 DEG C - 1999

January		March		May		July		September		November	
4	1,790	1	1,690	3	821	19	771	6	883	1	1,560
19	1,670	12	1,490	17	1,320			21	1,420	15	1,600
February		**April**		**June**		**August**		**October**		**December**	
2	1,690	5	904	7	944	3	736	4	1,180	6	1,690
12	1,660	19	1,310	21	1,120	16	1,620	19	1,460	20	1,740
				28	791						