08-4613.00 RIO GRANDE BELOW FALCON DAM NEAR FALCON, TEXAS AND NUEVA CD. GUERRERO, TAMAULIPAS

1999 Date	Time Standard	Streamflow Momentary CMS	Specific Conductance Micro-siemens /cm	pH Units	Water Temper-ature Deg C	Hardness, Total (as CaCO3) mg/L	Hardness, Noncarbonate (as CaCO3) mg/L	Calcium ion (Ca), Dissolved mg/L	Magnesium ion (Mg), Dissolved mg/L	Sodium ion (Na), Dissolved mg/L	Sodium Adsorption Ratio(SAR)	Potassium ion (K) Dissolved mg/L	Alkalinity Total (as CaCO3) mg/L	Sulfate ion (SO4) Dissolved mg/L	Chloride ion (Cl), Dissolved mg/L	Silica (SiO2) Dissolved mg/L	Solids Dissolved (Calculated) mg/L
Jan. 12	1630	26.0	970	8.1	15.0	250	130	70	19	91	3	5.6	122	170	120	8.9	558
May 13	1740	43.3	1,040	7.8	28.0	260	160	69	21	115	3	5.0	106	200	140	11.0	626
June 29	0830	40.2	943	7.7	28.0	220	130	59	18	95	3	5.3	92	180	120	8.5	541
July 21	0930	12.0	871	7.8	27.5	210	110	55	16	87	3	4.8	97	140	110	9.3	694
Aug. 17	1620	60.0	670	7.5	29.5	220	110	61	17	84	2	5.1	106	160	110	11.0	506
Nov. 22	0820	30.0	762	7.2	21.5	200	82	55	15	67	2	4.9	116	130	87	10.0	437

Chapeno 1999 Date	Time Std.	Stream-flow, Momen-tary CMS	Specific Conduct-ance Micro-siemens /cm	pH Units	Water Temper-ature Deg C	Oxygen, Dis-solved (DO) mg/L	Coli-form, Fecal Cols./ 100 mL	Oxygen, Demand, Bio-Chemical (BOD) 5 Day mg/L	Alka-linity Total (as CaCO3) mg/L	Sulfate ion (SO4), Dis-solved mg/L	Chloride ion (Cl), Dis-solved mg/L	Solids Dis-solved (Residue @ 180 Deg C) mg/L	Sus-pended Solids mg/L

No Samples collected for 1999

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

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	950	980							838	728	739	709
2				1,060		1,060	899	859				
3		970	1,030		1,030				774		730	715
4	950					1,020		853		729		
5		1,000	1,020	1,060	1,040		908				749	
6	950							858	738	734		717
7				1,060	1,020	1,050	883					
8	960	1,020	1,030						750	732	735	706
9				1,050		1,040	863	858				
10		1,010	1,030		1,040				740		731	715
11	950					1,040		865		740		
12		1,010	1,030	1,040	1,040		883				737	
13	950		1,080					861	737	732		718
14				1,040	1,040	1,030	850					
15	930	1,010	1,050						733	731	733	716
16				1,050		1,030	857	853				
17		1,020	1,060		1,040				747		732	730
18	960					1,040		862		732		
19		1,020	1,060	1,050	1,040		849				743	
20	930							848		755		724
21				1,040	1,050	1,030	860		733			
22	960	1,020	1,060						739	727	681	722
23				1,030		989	851	851				
24		1,020	1,080		1,050				700		705	736
25	950					1,010		850		733		
26		1,030	1,070	984	1,050		860				710	
27	980							837	725	775		733
28				1,050	1,050	934	858					
29	970		1,060						733	729	713	735
30				1,050		933	852	849				
31			1,060		1,070							713