QUALITY OF WATER - 1992

08-4509.00 RIO GRANDE BELOW AMISTAD DAM NEAR CD. ACUNA, COAHUILA AND DEL RIO, TEXAS

1992 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. 15	0800	9.91	1,010	7.9	20.0	240	110	71	15	110	3	4.7	130	200	110	17	607
Feb. 19	0800	112	1,060	7.8	11.0	260	120	77	16	120	3	5.0	138	220	120	19	661
Mar. 18	1010	118	1,010	7.8	11.5	250	110	73	16	110	3	7.4	135	210	110	17	625
April 17	0650	241	991	7.8	15.0	240	110	73	14	110	3	5.1	131	200	110	17	609
May 20	0755	118	994	7.8	18.0	240	110	73	15	110	3	4.9	135	200	110	18	613
June 24	0745	232	1,040	7.8	18.5	260	120	76	16	120	3	4.9	138	210	120	18	648
July 15	0645	7.11	1,040	7.6	19.5	270	130	80	17	120	3	4.6	139	210	120	16	652
Aug. 20	0650	83.8	1,000	7.6	21.5	260	120	78	16	110	3	4.9	136	210	110	17	628
Sept. 16	0640	11.0	1,000	7.7	22.0	240	110	72	15	110	3	4.7	136	200	110	19	613
Oct. 21	0650	17.4	993	7.8	23.0	230	110	65	16	110	3	5.1	120	210	110	17	606
Nov. 18	0745	15.5	1,010	7.9		240	120	69	17	120	3	5.3	118	220	120	18	641

SPECIFIC CONDUCTANCE OF WATER SAMPLES IN MICROSIEMENS/CM $ 25 DEG C - 1992

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1				1,020	1,010	1,040						
2			1,010				1,070		980	980	1,000	995
3	975	1,120		995		972						
4					997				990		992	1,020
5		1,070				996		985		1,000		
6	971			982	989		1,040				989	
7		1,070						1,050		1,020		1,010
8				983		1,050			1,020			
9	1,000		1,040							1,010	1,020	1,030
10	1,060	1,080		1,010		1,050		1,050	1,020			
11			1,020		1,040							1,030
12		1,120				1,040		1,020		1,000		
13	1,160		1,010	963	1,020		1,070				990	
14		1,150						1,020	990	990		1,030
15	1,030			1,000	1,000	1,070	1,060					
16		1,090	1,030						1,000	1,000	999	1,030
17	1,010			1,010			1,050	1,060				
18			1,050		1,000				1,020		1,010	1,040
19						1,050				1,020		
20			1,010	990	1,010		1,040	1,030			1,020	
21		1,110						1,030	1,000	1,020		1,070
22	982			967	1,030	1,020	1,040					
23			1,020						1,010	1,060	1,020	1,040
24	976	1,030		1,010		1,070	1,070	1,050				
25			1,030						1,000		1,010	
26		991			1,020	1,060		1,030		1,020		
27	977		1,030	998	999		1,060				1,010	
28		1,000						1,000		1,010		1,100
29	971			1,030	1,000	1,010	1,060					
30			1,010						1,010	1,030	1,030	1,140
31	1,020						1,060	1,030				