Appendix A. Summary of Field and Labatory Data (January 2001 - December 2001)

Rio Grande International Study Center

Field/Laboratory Data

Site A

Date	Time	Air Temp °C	Water Temp °C	Depth M	Flow f/s	pH	DO mg/L	Oxygen Sat %	Field TDS mg/L	Cond mS/cm	Battery (V)	Fecal Coliforms col/100ml	Total Hardness mg/L	Total Alkalinity mg/L	P. Alkalinity mg/L	BOD mg/L	COD mg/L	TSS mg/L	Lab TDS mg/L	Turbidity N.T.U.	Calcium mg/L	Chloride mg/L	Magnesium mg/L	Nitrate mg/L	Phosphate mg/L
1/18/2001	10:45	9.0	12.05	.3	3.5	7.85	10.92	101.5	399	614	11.7	20								10.0					
2/15/2001	11:30	25.5	17.04	.3	3.2	8.2	11.08	115.0	6905	931	11.3	10								27.4					
3/15/2001	10:30	22.0	19.35	.3	3.7	7.94	9.34	1.016	659	10.15	10.2	3								54.9					

Appendix A. Continued

Site B

Date	Time	Air Temp °C	Water Temp °C	Depth M	Flow f/s	pH	DO mg/L	Oxygen Sat %	Field TDS mg/L	Cond mS/cm	Battery (V)	Fecal Coliforms col/100ml	Total Hardness mg/l	Total Alkalinity mg/l	P. Alkalinity mg/L	BOD mg/l	COD mg/l	TSS mg/l	Lab TDS mg/l	Turbidity N.T.U	Calcium mg/l	Chloride mg/l	Magnesium mg/l	Nitrate mg/L	Phosphate mg/L
1/13/2001	12:15	7.0	12.19	.3	1.5	7.96	11.17	104.4	403	621	11.7	18								7.7					
2/15/2001	12:30	29.5	17.44	.3	1.6	8.12	11.49	120.3	610	939	11.2	13								28.2					
3/15/2001	11;53	24.5	19.57	.3	1.6	8.11	9.41	103.0	665	1024.0	10.1	7								62.7					

Appendix A. Continued

Site C

Date	Time	Air Temp °C	Water Temp °C	Depth M	Flow f/s	pH	DO mg/l	Oxygen Sat %	Field TDS mg/l	Cond mS/cm	Battery (V)	Fecal Coliforms col/100ml	Total Hardness mg/l	Total Alkalinity mg/l	P. Alkalinity mg/L	BOD mg/l	COD mg/l	TSS mg/l	Lab TDS mg/l	Turbidity N.T.U.	Calcium mg/l	Chloride mg/l	Magnesium mg/l	Nitrate mg/L	Phosphate mg/L
1/18/2001	2:55	7.0	12.13	.3	2.6	8.0	10.13	95.7	413	363	11.7	895								7.7					
2/15/2001	4:40	31.5	19.69	.3	2.0	8.14	11.03	120.9	648	999.0	11.7	80								32.2					
3/15/2001	3:17	27.0	21.18	.3	2.8	8.02	9.29	105.1	708	1083	10.6	73								61.0					

Appendix A. Continued

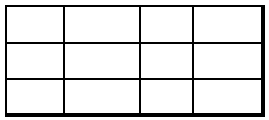
Site D

Date	Time	Air Temp °C	Water Temp °C	Depth M	Flow f/s	pH	DO mg/l	Oxygen Sat %	Field TDS mg/l	Cond mS/cm	Battery (V)	Fecal Coliforms col/100ml	Total Hardness mg/l	Total Alkalinity mg/l	P. Alkalinity mg/L	BOD mg/l	COD mg/l	TSS mg/l	Lab TDS mg/l	Turbidity N.T.U.	Calcium mg/l	Chloride mg/l	Magnesium mg/l	Nitrate mg/L	Phosphate mg/L
1/18/2001	4:10	8.0	12.26	.3	1.1	8.02	10.10	96.7	425	655	11.6	525								13.8					
2/15/2001	3:14	32.0	19.66	.3	1.54	8.27	9.98	109.2	662	1019	11.5	70								57.6					
3/15/2001	4:27	28.0	21.06	.3	1.8	7.92	9.37	105.6	729	1123	10.7	27								51					

* Average of two samples

Sulfate total mg/L	Ammonia total mg/L	Nitrite total mg/L	Nitrogen total mg/L

Sulfate total mg/L	Ammonia total mg/L	Nitrite total mg/L	Nitrogen total mg/L

Sulfate total mg/L	Ammonia total mg/L	Nitrite total mg/L	Nitrogen total mg/L

Sulfate total mg/L	Ammonia total mg/L	Nitrite total mg/L	Nitrogen total mg/L