Table 1: Ground Water Quality Samples
Below Angostura Dam

Location Lat Long	Well ID	County	Number of Samples	Date of Samples	Conductivity (Micromho)	Arsenic (UG/L)	Zinc (UG/L)	Selenium (UG/L)	Nitrate NO3-N (MG/L)	Mercury (UG/L)	Depth of well (Feet)	Land Surface (Feet)	Aquifer Code
4318141031250	22	Fall R.	1	5/16/79	1950	0.5	18	0.4					
4319481031546	3	Fall R.	1	5/09/79	300	0.5	45	0.5					
4322331031940	38	Fall R.	1	5/08/79	3280	0.5	20	0.7			36.1	3133	211PIRR
4322441031648	35	Fall R.	1	5/08/79	2630	0.5	12	0.5			49.2	3110	211PIRR
4324071032425	12	Fall R.	1	6/12/79	720	0.5	34	0.5			78.7	3250	110ALUM
4325041031630	34	Fall R.	1	5/07/79	2470	0.5	12	0.6			29.5	2951	110ALUM
4325081031228	28	Fall R.	1	5/08/79	2250	0.5	11	0.6			49.2	2940	211PIRR
4325191032024	43	Fall R.	1	5/06/79	4940	0.5	35	0.7			36.1	3135	211NBCD
4325491032157	23	Fall R.	1	8/31/79	2120	1.0	20	1.0	0.03	0.3			
4325511030842	32	Fall R.	1	5/08/79	2410	0.5	12	0.5			65.6	3070	211PIRR
4326191032835	31	Fall R.	1	8/21/54	2330	----	----	----	0.5				
4326301032847	19	Fall R.	3	3/15/56	1607				1.4				
4326321032853	2	Fall R.	1	4/21/78	---	0.5	70	1.6	0.5	0.2			
4326421032829	20	Fall R.	1	11/01/57	1740								
4327081032347	8	Fall R.	1	11/01/57	561						45.9	3196	211PIRR
4327461031648	42	Fall R.	1	5/08/79	4450	0.5	22	1.0			45.9	3196	211PIRR
4327541031250	33	Fall R.	1	5/07/79	2430	0.5	390	0.6			23.0	3130	211PIRR
4328131032106	13	Fall R.	1	8/30/79	740	1.0	30	12.0	0.14	0.1			
4328161032801	9	Fall R.	1	5/09/79	580	0.5	1157	0.4					
4328331030715	39	Fall R.	1	5/06/79	3460	0.5	17	0.5			23	3080	110ALUM

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4328331032107	11	Fall R.	1	5/08/79	650	0.5	8	0.9					
4328341032033	17	Fall R.	1	8/30/79	1230	1.0	30	7.0	0.64	0.1			
4329141030827	27	Custer	1	11/19/81	2200						39.0	3100	112PLSC
4329321031908	1	Custer	2	10/02/80	---	1.0	---	5.9	0.14	0.76	940		
4329521030046	10	Custer	1	5/07/79	630	0.5	12	0.6			36.1	3150	211PIRR
4330101031245	18	Custer	1	8/29/87	1500	---	----	1.0					
4330431031033	6	Custer	1	5/04/79	540	0.5	8	0.5					
4330551032028	25	Custer	1	9/07/82	2200	1.0	---	7.0		0.1			
4330571032006	24	Custer	1	5/16/79	2190	0.6	15	0.2			29		
4331081030556	21	Custer	1	5/04/79	1810	0.5	4	0.4			29		
4331081032410	26	Custer	1	6/12/79	2200	0.5	68	0.5			148		
4331281032234	30	Custer	3	9/10/63	2313				1.6				
4331371030130	5	Custer	1	5/08/79	520	0.7	40	0.6			19		
4331501032305	4	Custer	2	12/17/58	335	11			0.0	0.1	939		
4332021030914	41	Custer	1	5/04/79	3580	0.5	557	0.7			39.4		
4332061030354	29	Custer	1	5/08/79	2260	0.5	8	0.6			29.5		
4332311031525	37	Custer	1	5/09/79	3270	0.5	9	0.5			29.5		
4334041030954	36	Custer	1	5/04/79	2880	0.5	11	0.5			19		
Average					1980	0.9	95.5	1.6	0.6	0.2	120.8		
Max					4940	11	1157	12	1.6	0.76	940		
Min					300	0.5	4	0.2	0	0.1	19		

Source: Retrieval of data from EPA Storet System (August 14, 1998) in the Angostura Irrigation District.

NOTE: Location Map available upon request in the Rapid City Field Office: Contact Kenneth Parr at Telephone (605) 394-9757 Ext. 3004