APPENDIX A

FECAL COLIFORM DATA

Sample site	Collection date/time	Analytical suite	Result	Units
CARRIZO CREEK ABOVE THE RIO RUIDOSO	3/20/2003 8:30	Bacteria (fecal coliforms)	4	/100ml
CARRIZO CREEK ABOVE THE RIO RUIDOSO	4/23/2003 10:15	Bacteria (fecal coliforms)	7	/100ml
CARRIZO CREEK ABOVE THE RIO RUIDOSO	5/21/2003 8:50	Bacteria (fecal coliforms)	140	/100ml
CARRIZO CREEK ABOVE THE RIO RUIDOSO	6/25/2003 8:35	Bacteria (fecal coliforms)	40	/100ml
CARRIZO CREEK ABOVE THE RIO RUIDOSO	7/23/2003 8:30	Bacteria (fecal coliforms)	90	/100ml
CARRIZO CREEK ABOVE THE RIO RUIDOSO	8/20/2003 8:10	Bacteria (fecal coliforms)	210	/100ml
CARRIZO CREEK ABOVE THE RIO RUIDOSO	9/24/2003 8:35	Bacteria (fecal coliforms)	210	/100ml
CARRIZO CREEK ABOVE THE RIO RUIDOSO	10/23/2003 8:25	Bacteria (fecal coliforms)	20	/100ml
MEASURED LOAD =	**2.82E+09**	**Geometric Mean**	**210**	
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	3/20/2003 7:40	Bacteria (fecal coliforms)	1	/100ml
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	4/23/2003 10:10	Bacteria (fecal coliforms)	1	/100ml
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	5/21/2003 8:00	Bacteria (fecal coliforms)	5	/100ml
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	6/25/2003 7:45	Bacteria (fecal coliforms)	780	/100ml
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	7/9/2003 7:20	Bacteria (fecal coliforms)	890	/100ml
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	7/9/2003 7:30	Bacteria (fecal coliforms)	760	/100ml
	7/9/2003	**Average**	**825**	**/100ml**
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	7/23/2003 7:45	Bacteria (fecal coliforms)	65	/100ml
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	8/20/2003 7:20	Bacteria (fecal coliforms)	190	/100ml
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	9/24/2003 8:00	Bacteria (fecal coliforms)	200	/100ml
RIO BONITO ABV BONITO LK AT FR 107 BLW BONITO S.	10/23/2003 7:35	Bacteria (fecal coliforms)	5	/100ml
RIO BONITO AT ANGUS BRIDGE	3/20/2003 7:55	Bacteria (fecal coliforms)	1	/100ml
RIO BONITO AT ANGUS BRIDGE	4/23/2003 9:30	Bacteria (fecal coliforms)	1	/100ml
RIO BONITO AT ANGUS BRIDGE	5/21/2003 8:15	Bacteria (fecal coliforms)	24	/100ml
RIO BONITO AT ANGUS BRIDGE	6/25/2003 8:00	Bacteria (fecal coliforms)	49	/100ml
MEASURED LOAD =	**1.95E+10**	**Geometric Mean**	**802**	
Rio Bonito at BLM Apple Orchard Site	3/20/2003 10:15	Bacteria (fecal coliforms)	16	/100ml
Rio Bonito at BLM Apple Orchard Site	4/23/2003 11:55	Bacteria (fecal coliforms)	14	/100ml
Rio Bonito at BLM Apple Orchard Site	5/21/2003 10:35	Bacteria (fecal coliforms)	53	/100ml
Rio Bonito at BLM Apple Orchard Site	6/25/2003 10:15	Bacteria (fecal coliforms)	200	/100ml
Rio Bonito at BLM Apple Orchard Site	6/25/2003 10:16	Bacteria (fecal coliforms)	210	/100ml
Rio Bonito at BLM Apple Orchard Site	7/23/2003 10:15	Bacteria (fecal coliforms)	290	/100ml
Rio Bonito at BLM Apple Orchard Site	8/20/2003 10:00	Bacteria (fecal coliforms)	100	/100ml
Rio Bonito at BLM Apple Orchard Site	9/24/2003 10:15	Bacteria (fecal coliforms)	35	/100ml
Rio Bonito at BLM Apple Orchard Site	10/23/2003 10:00	Bacteria (fecal coliforms)	14	/100ml
RIO HONDO 100 YDS BELOW CONFLUENCE	3/20/2003 9:20	Bacteria (fecal coliforms)	210	/100ml
RIO HONDO 100 YDS BELOW CONFLUENCE	4/23/2003 11:15	Bacteria (fecal coliforms)	72	/100ml
RIO HONDO 100 YDS BELOW CONFLUENCE	5/21/2003 9:45	Bacteria (fecal coliforms)	48	/100ml
RIO HONDO 100 YDS BELOW CONFLUENCE	6/25/2003 8:30	Bacteria (fecal coliforms)	250	/100ml
RIO HONDO 100 YDS BELOW CONFLUENCE	7/23/2003 9:30	Bacteria (fecal coliforms)	1100	/100ml
RIO HONDO 100 YDS BELOW CONFLUENCE	8/20/2003 9:10	Bacteria (fecal coliforms)	2400	/100ml
RIO HONDO 100 YDS BELOW CONFLUENCE	9/24/2003 9:45	Bacteria (fecal coliforms)	930	/100ml
RIO HONDO 100 YDS BELOW CONFLUENCE	10/23/2003 9:30	Bacteria (fecal coliforms)	660	/100ml
Rio Hondo below Riverside on Rio Hondo Land and Cattle property	3/20/2003 8:30	Bacteria (fecal coliforms)	120	/100ml
Rio Hondo below Riverside on Rio Hondo Land and Cattle property	4/23/2003 11:50	Bacteria (fecal coliforms)	290	/100ml
Rio Hondo below Riverside on Rio Hondo Land and Cattle property	5/21/2003 8:30	Bacteria (fecal coliforms)	230	/100ml
Rio Hondo below Riverside on Rio Hondo Land and Cattle property	7/23/2003 8:00	Bacteria (fecal coliforms)	1100	/100ml
Rio Hondo below Riverside on Rio Hondo Land and Cattle property	8/20/2003 8:00	Bacteria (fecal coliforms)	710	/100ml
MEASURED LOAD =	**3.42E+10**	**Geometric Mean**	**1040**	
Rio Ruidoso at Mescalero boundary at gauge	3/20/2003 8:15	Bacteria (fecal coliforms)	1	/100ml
Rio Ruidoso at Mescalero boundary at gauge	4/23/2003 10:00	Bacteria (fecal coliforms)	1	/100ml
Rio Ruidoso at Mescalero boundary at gauge	5/21/2003 8:40	Bacteria (fecal coliforms)	1	/100ml
Rio Ruidoso at Mescalero boundary at gauge	6/25/2003 8:20	Bacteria (fecal coliforms)	44	/100ml
Rio Ruidoso at Mescalero boundary at gauge	7/23/2003 8:20	Bacteria (fecal coliforms)	39	/100ml
Rio Ruidoso at Mescalero boundary at gauge	8/20/2003 7:55	Bacteria (fecal coliforms)	22	/100ml
Rio Ruidoso at Mescalero boundary at gauge	9/24/2003 7:15	Bacteria (fecal coliforms)	10	/100ml
Rio Ruidoso at Mescalero boundary at gauge	10/23/2003 8:10	Bacteria (fecal coliforms)	4	/100ml
RIO RUIDOSO AT USGS GAGING STATION AT HOLLYWOOD	9/24/2003 8:40	Bacteria (fecal coliforms)	86	/100ml
RIO RUIDOSO AT USGS GAGING STATION AT HOLLYWOOD	10/23/2003 8:35	Bacteria (fecal coliforms)	26	/100ml
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	3/20/2003 8:40	Bacteria (fecal coliforms)	10	/100ml
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	4/23/2003 10:45	Bacteria (fecal coliforms)	19	/100ml
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	5/21/2003 9:05	Bacteria (fecal coliforms)	54	/100ml
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	6/25/2003 8:50	Bacteria (fecal coliforms)	23	/100ml
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	7/23/2003 8:45	Bacteria (fecal coliforms)	59	/100ml
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	8/20/2003 8:25	Bacteria (fecal coliforms)	1100	/100ml

Sample site	Collection date/time	Analytical suite	Result	Units
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	9/2/2003 10:20	Bacteria (fecal coliforms)	120	/100ml
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	9/24/2003 8:50	Bacteria (fecal coliforms)	45	/100ml
Rio Ruidoso .5 mile above WWTP at HWY 70 bridge above seeping springs	10/23/2003 8:40	Bacteria (fecal coliforms)	67	/100ml
RIO RUIDOSO BELOW NEW WWTP	3/20/2003 8:45	Bacteria (fecal coliforms)	43	/100ml
RIO RUIDOSO BELOW NEW WWTP	4/23/2003 11:00	Bacteria (fecal coliforms)	29	/100ml
RIO RUIDOSO BELOW NEW WWTP	5/21/2003 9:10	Bacteria (fecal coliforms)	39	/100ml
RIO RUIDOSO BELOW NEW WWTP	6/25/2003 8:55	Bacteria (fecal coliforms)	200	/100ml
RIO RUIDOSO BELOW NEW WWTP	7/23/2003 8:55	Bacteria (fecal coliforms)	82	/100ml
RIO RUIDOSO BELOW NEW WWTP	8/20/2003 8:35	Bacteria (fecal coliforms)	270	/100ml
RIO RUIDOSO BELOW NEW WWTP	9/2/2003 11:00	Bacteria (fecal coliforms)	530	/100ml
RIO RUIDOSO BELOW NEW WWTP	9/24/2003 9:00	Bacteria (fecal coliforms)	57	/100ml
RIO RUIDOSO BELOW NEW WWTP	10/23/2003 8:55	Bacteria (fecal coliforms)	49	/100ml
RIO RUIDOSO 1 MI ABV RIO BONITO AT SAN PATRICIO	3/20/2003 9:05	Bacteria (fecal coliforms)	87	/100ml
RIO RUIDOSO 1 MI ABV RIO BONITO AT SAN PATRICIO	4/23/2003 11:25	Bacteria (fecal coliforms)	3	/100ml
RIO RUIDOSO 1 MI ABV RIO BONITO AT SAN PATRICIO	5/21/2003 9:30	Bacteria (fecal coliforms)	10	/100ml
RIO RUIDOSO 1 MI ABV RIO BONITO AT SAN PATRICIO	6/25/2003 9:20	Bacteria (fecal coliforms)	95	/100ml
RIO RUIDOSO 1 MI ABV RIO BONITO AT SAN PATRICIO	7/23/2003 9:15	Bacteria (fecal coliforms)	13	/100ml
RIO RUIDOSO 1 MI ABV RIO BONITO AT SAN PATRICIO	8/20/2003 9:00	Bacteria (fecal coliforms)	1200	/100ml
RIO RUIDOSO 1 MI ABV RIO BONITO AT SAN PATRICIO	9/24/2003 9:30	Bacteria (fecal coliforms)	48	/100ml
RIO RUIDOSO 1 MI ABV RIO BONITO AT SAN PATRICIO	10/23/2003 9:15	Bacteria (fecal coliforms)	16	/100ml
50M FROM DAM BETWEEN CENTER AND NORTHWEST SHORE	6/25/2003 9:30	Bacteria (fecal coliforms)	1	/100ml
GRINDSTONE CANYON RESERVOIR DAM	6/25/2003 13:00	Bacteria (fecal coliforms)	1	/100ml
CITY OF RUIDOSO NEW WWTP OUTFALL PIPE	8/20/2003 8:30	Bacteria (fecal coliforms)	36	/100ml
CITY OF RUIDOSO NEW WWTP OUTFALL PIPE	9/2/2003 10:45	Bacteria (fecal coliforms)	570	/100ml
CITY OF RUIDOSO NEW WWTP OUTFALL PIPE	9/24/2003 8:55	Bacteria (fecal coliforms)	30	/100ml
CITY OF RUIDOSO NEW WWTP OUTFALL PIPE	10/23/2003 8:45	Bacteria (fecal coliforms)	34	/100ml

NOTE: HIGLIGHTED samples are above the NM State fecal coliform criteria for that assessment unit.