APPENDIX D
E.coli Data

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Table D.1- Rio Grande (non-Pueblo Alameda Bridge to Angostura Diversion)

Station	Date	Result (cfu/100mL)	Flow (cfs)[1]	Rainfall (inches)[2]
USGS 8329918	2/18/2004	**480**	408	0
USGS 8329918	4/26/2004	**110**	953	0
USGS 8329918	7/20/2004	**50**	528	0
USGS 8329918	11/9/2004	**>5300**	504	0.03
30RGrand473.7	3/23/2005	10.8	928	0
32RGrand464.2	3/23/2005	11	928	0
32RGrand458.0	3/23/2005	13.4	928	0
32RGrand445.4	3/23/2005	41.4	928	0
USGS 8329918	5/5/2005	<8	4070	0
30RGrand473.7	5/26/2005	27.5	5580	0
32RGrand464.2c	5/26/2005	32.7	5580	0
32RGrand464.2	5/26/2005	42.8	5580	0
32RGrand458.0	5/26/2005	42.6	5580	0
32RGrand445.4c	5/26/2005	40.4	5580	0
32RGrand445.4	5/26/2005	47.3	5580	0
30RGrand473.7	6/23/2005	13.4	4300	0
32RGrand464.2c	6/23/2005	23.1	4300	0
32RGrand464.2	6/23/2005	22.6	4300	0
32RGrand458.0	6/23/2005	35	4300	0
32RGrand445.4c	6/23/2005	81.3	4300	0
32RGrand445.4	6/23/2005	**249.5**	4300	0
30RGrand473.7	7/27/2005	**98.5**	463	0
32RGrand464.2	7/27/2005	**488.4**	463	0
32RGrand464.2c	7/27/2005	**325.5**	463	0
32RGrand458.0	7/27/2005	41.1	463	0
32RGrand445.4	7/27/2005	62.2	463	0
32RGrand445.4c	7/27/2005	41.7	463	0
USGS 8329918	8/24/2005	<100	474	0
30RGrand473.7	8/24/2005	52.1	474	0
32RGrand464.2c	8/24/2005	50.4	474	0
32RGrand458.0	8/24/2005	7.2	474	0
32RGrand445.4c	8/24/2005	77.6	474	0
32RGrand445.4	9/28/2005	**149.7**	541	0
32RGrand458.0	9/28/2005	**90.9**	541	0
32RGrand464.2	9/28/2005	**95.9**	541	0
30RGrand473.7	9/28/2005	**90.9**	541	0
32RGrand445.4	10/26/2005	**231**	299	0
32RGrand458.0	10/26/2005	**133.4**	299	0
32RGrand464.2	10/26/2005	**153.9**	299	0
30RGrand473.7	10/26/2005	63.1	299	0
USGS 8329918	12/12/2005	**1000**	518	0
USGS 8329918	4/25/2006	**670**	555	0
USGS 8329918	8/15/2006	**4100**	1980	0
USGS 8329918	12/5/2006	<1	825	0
USGS 8329918	5/4/2007	**>180**	2280	0

Red values indicate those above the State and Tribal water quality standard.
Blue values indicate those above the Tribal water quality standards.
[1] USGS gage 0829928
[2] Angostura NMSU weather site. Rainfall data for the previous day was used.

Table D.2- Rio Grande (Isleta Pueblo bnd to Alameda Bridge)

Station	Date	Result (cfu/100mL)	Flow (cfs)[1]	Rainfall (inches)[2]
USGS 8330000	12/8/2004	**1000**	859	0
32RGrand419.7	3/23/2005	43.5	873	0
USGS 8330000	4/8/2005	<47	1100	0
32RGrand419.7	5/26/2005	40.4	5610	0
32RGrand419.7	6/22/2005	**1553.1**	4230	0
USGS 8330000	7/7/2005	20	1290	0
32RGrand419.7	7/27/2005	**245.3**	392	0
USGS 8330000	8/12/2005	**1000**	486	0
32RGrand419.7	8/24/2005	**290.9**	363	0
32RGrand419.7	9/28/2005	**275.5**	393	0
32RGrand419.7	10/26/2005	**290.9**	281	0
USGS 8330000	2/22/2006	>2	570	0
USGS 8330000	5/17/2006	28	554	0
USGS 8330000	7/19/2006	>1	498	0
USGS 8330000	5/8/2007	**120**	2530	0
USGS 8330000	6/25/2007	**730**	674	0

Red values indicate those above the State and Tribal water quality standard.
Blue values indicate those above the Tribal water quality standards.
[1] USGS gage 08330000
[2] Albuquerque International Airport weather site. Rainfall data for the previous day was used

Table D.3- Rio Grande (Rio Puerco to Isleta Pueblo bnd)

Station	Date	Result (cfu/100mL)	Flow (cfs)[1]	Rainfall (inches)[2]
32RGrand385.5	3/23/2005	143.9	983	0
32RGrand361.7	3/23/2005	101.4	983	0
32RGrand394.8	3/24/2005	41	895	0
32RGrand394.8	5/25/2005	44.3	5500	0
32RGrand361.7	5/25/2005	59.1	5500	0
32RGrand385.5c	5/25/2005	64.5	5500	0
32RGrand385.5	5/25/2005	26.6	5500	0
32RGrand394.8c	5/26/2005	38.4	5650	0
32RGrand361.7	6/21/2005	52.1	3790	0
32RGrand385.5c	6/22/2005	118.7	3520	0.24
32RGrand385.5	6/22/2005	116.2	3520	0.24
32RGrand394.8	6/22/2005	**1413.6**	3520	0.24
32RGrand385.5c	7/26/2005	47.6	97	0
32RGrand394.8	7/26/2005	34.1	97	0
32RGrand394.8c	7/26/2005	25.6	97	0
32RGrand361.7	7/27/2005	9.7	87	0
32RGrand361.7	8/23/2005	115.3	133	0
32RGrand385.5c	8/24/2005	143.9	99	0.01
32RGrand394.8c	8/24/2005	71.7	99	0.01
32RGrand361.7	9/27/2005	101.7	42	0
32RGrand385.5	9/28/2005	261.3	41	0.02
32RGrand394.8	9/28/2005	133.4	41	0.02
32RGrand361.7	10/25/2005	285.1	263	0
32RGrand385.5	10/26/2005	**461.1**	210	0
32RGrand394.8	10/26/2005	**613.1**	210	0

Red values indicate those above the water quality standard.
[1] USGS gage 08358900
[2] Los Lunas NMSU weather site. Rainfall data for the previous day was used.

Table D.4- Rio Grande (San Marcial to Rio Pueco)

Station	Date	Result (cfu/100mL)	Flow (cfs)[1]	Rainfall (inches)[2]
USGS 8354900	11/14/2002	370	350	0
USGS 8358400	12/2/2002	200	278	0.01
USGS 8354900	3/25/2003	<6	306	0
USGS 8358400	4/24/2003	130	237	0
USGS 8354900	4/28/2003	**620**	210	0
USGS 8358400	6/4/2003	270	228	0
USGS 8354900	7/14/2003	53	23	0
USGS 8358400	7/16/2003	>60	19	0
USGS 8358400	12/17/2003	<17	342	0
USGS 8354900	12/19/2003	>4	309	0
USGS 8358400	4/15/2004	**3200**	2320	0
USGS 8354900	4/16/2004	**>16000**	1710	0
USGS 8358400	6/17/2004	300	47	0
USGS 8354900	6/18/2004	**>5300**	44	0
USGS 8354900	8/5/2004	**1000**	155	0
USGS 8358400	8/5/2004	130	155	0
USGS 8358400	12/2/2004	**700**	603	0
USGS 8354900	12/7/2004	**1000**	511	0.22
32RGrand258.0	3/24/2005	61.3	720	0
32RGrand292.1	3/24/2005	64.4	720	0
32RGrand323.4	3/24/2005	93.4	720	0
USGS 8354900	4/6/2005	76	445	0
USGS 8358400	4/21/2005	<16	2320	0.12
32RGrand292.1c	5/25/2005	214.3	4380	0
32RGrand292.1	5/25/2005	214.3	4380	0
32RGrand323.4	5/25/2005	**816.4**	4380	0
32RGrand341.2	5/25/2005	18.5	4380	0
32RGrand292.1	6/21/2005	70.3	3290	0
32RGrand292.1c	6/21/2005	48.8	3290	0
32RGrand323.4	6/21/2005	62	3290	0
32RGrand341.2	6/22/2005	63.1	3200	0
USGS 8354900	7/8/2005	83	698	0
USGS 8358400	7/14/2005	14	261	0
32RGrand292.1	7/26/2005	59.8	0.001	0
32RGrand292.1c	7/26/2005	55.6	0.001	0
32RGrand323.4	7/26/2005	16.9	0.001	0
32RGrand341.2	7/26/2005	83.9	0.001	0
32RGrand258.0	8/23/2005	218.7	108	0
32RGrand292.1c	8/23/2005	206.4	108	0
32RGrand323.4	8/23/2005	27.9	108	0
32RGrand341.2	8/23/2005	178.2	108	0
USGS 8354900	9/27/2005	77	0.001	0
32RGrand292.1	9/27/2005	201.4	0.001	0
32RGrand323.4	9/27/2005	191.8	0.001	0
32RGrand341.2	9/27/2005	**461.1**	0.001	0
USGS 8358400	10/12/2005	**1700**	168	0
32RGrand258.0	10/25/2005	**920.8**	188	0
32RGrand292.1	10/25/2005	172.7	188	0

Station	Date	Result (cfu/100mL)	Flow (cfs)[1]	Rainfall (inches)[2]
32RGrand323.4	10/25/2005	233.3	188	0
32RGrand341.2	10/25/2005	**517.2**	188	0
USGS 8358400	11/30/2005	**>4000**	437	0
USGS 8358400	2/13/2006	32	425	0
USGS 8354900	2/14/2006	220	412	0
USGS 8358400	3/14/2006	110	230	0
USGS 8354900	5/12/2006	<6	34	0
USGS 8358400	5/23/2006	>1	30	0
USGS 8354900	7/10/2006	**4000**	1330	0
USGS 8354900	8/29/2006	**5100**	1440	0
USGS 8358400	11/13/2006	**620**	1180	0
USGS 8358400	2/12/2007	**520**	658	0.03
USGS 8354900	4/26/2007	46	481	0
USGS 8358400	5/22/2007	340	2260	0
USGS 8354900	6/19/2007	150	343	0

Red values indicate those above the water quality standard.
[1] USGS gage 08358400
[2] South Bosque del Apache NMSU weather station. Rainfall data for the previous day was used.

Table E.5- MRG WWTP samples

WWTP Station	Date	Result (cfu/100mL)
Albuquerque	7/27/2005	38.4
Belen	7/26/2005	131.4
Bernalillo	7/27/2005	6.3
Bosque Farms	7/27/2005	25.9
Los Lunas at Rio Grande	7/26/2005	52.8
Los Lunas WWTP	7/26/2005	7.5
Rio Rancho #2 at Rio Grande	7/27/2005	127.4
Rio Rancho #2 WWTP	7/27/2005	2
Socorro	none	none
Albuquerque	8/24/2005	28.8
Belen	8/23/2005	140.1
Bernalillo	8/24/2005	2
Bosque Farms	8/24/2005	81.3
Los Lunas at Rio Grande	8/23/2005	23.5
Los Lunas WWTP	8/23/2005	167
Rio Rancho #2 at Rio Grande	8/24/2005	307.6
Rio Rancho #2 WWTP	8/24/2005	2
Socorro	8/23/2005	1
Albuquerque	9/28/2005	48
Belen	9/27/2005	40.2
Bernalillo	9/28/2005	193.5
Bosque Farms	none	none
Los Lunas at Rio Grande	9/27/2005	59.8
Los Lunas WWTP	9/27/2005	30.1
Rio Rancho #2 at Rio Grande	9/28/2005	28.8
Rio Rancho #2 WWTP	9/28/2005	1
Socorro	9/27/2005	45.7
Albuquerque	10/26/2005	24.1
Belen	10/25/2005	9.7
Bernalillo	10/26/2005	19.2
Bosque Farms	10/26/2005	**1986.3**
Los Lunas at Rio Grande	10/25/2005	52
Los Lunas WWTP	10/25/2005	10.8
Rio Rancho #2 at Rio Grande	10/26/2005	11
Rio Rancho #2 WWTP	10/26/2005	3.1
Socorro	10/25/2005	35.5
Albuquerque	11/30/2005	6.3
Belen	11/29/2005	15.8
Bernalillo	11/30/2005	365.4
Bosque Farms	11/30/2005	**>2419.6**
Los Lunas at Rio Grande	11/29/2005	166.4
Los Lunas WWTP	11/29/2005	28.8
Rio Rancho #2 at Rio Grande	11/30/2005	5.2
Rio Rancho #2 WWTP	11/30/2005	1
Socorro	11/29/2005	110.6

Red values indicate those above the State water quality standard.