LANL Ref

Ralph Ford-Schmid

From: ~~Ralph Ford-Schmid~~ [ralph_fordschmid@nmenv.state.nm.us]
Sent: Friday, July 25, 2003 ~~8:20 AM~~
To: ~~Todd Caplan~~
Subject: [Fwd: Excel data]

Excel data (1.48 MB) ralph_fordschmid.vcf

DOE Oversight Groundwater + Surfacewater Data sent Electronically 1992 - 2002

To Todd Caplan
Parametrix, Inc.
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Ralph Ford-Schmid

From: Ralph Ford-Schmid [ralph_fordschmid@nmenv.state.nm.us]
Sent: Friday, July 25, 2003 8:21 AM
To: Todd Caplan
Subject: [Fwd: Access data]

Access data (3.94 MB)

ralph_fordschmid.vcf

Table 1 - NMED DOE Oversight Bureau Ground-Water Quality Results: Major Ion Chemistry.

STATION ID		Date	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)	ClO3 (mg/L)	Br (mg/L)	I (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	SO4 (mg/L)
WELLS														
DEEP AQUIFER														
DT-5A	2 T	11/5/98	8	2	2	10	NA	NA	NA	NA	NA	NA	NA	NA
DT-9	2 T	11/5/98	10	3	1	9	NA	NA	NA	NA	NA	NA	NA	NA
DT-10	2 T	11/6/98	11	3	2	10	1.8	NA	<0.2	NA	0.23	<10	65	1.3
R-12 (801')	3 T	6/8/98	27	5.5	4.3	19	9.07	NA	<0.1	NA	0.307	<2§	120§	8.28
	3 F	6/8/98	26	5.4	4.3	19	NA	NA	NA	NA	NA	NA	NA	NA
R-12 (803')	3 T	10/15/98	28	6	3.4	19	NA	NA	NA	NA	NA	NA	120	NA
	3 F	10/15/98	28	6	3.8	19	NA	NA	NA	NA	NA	NA	NA	NA
R-12 (810')	2 T	5/29/98	750	312	40	150	9.8	NA	<0.2	NA	0.52	<5§	120§	8.6
	2 F	5/29/98	28	6	4	20	NA	NA	NA	NA	NA	NA	NA	NA
R-25 (747')	3 T	9/30/98	30	17	39	36	NA	NA	NA	NA	NA	NA	NA	NA
	3 F	9/30/98	15	6	2.2	11	11.1	NA	0.135	NA	0.258	NA	NA	9.76
R-25 (867')	3 F	10/9/98	12	4.9	0.8	13	9.48	NA	0.112	NA	0.168	<10	64	8.57
R-25 (1184')		12/3/98	[See Additional Table(s)]											
R-25 (1249	4 F	12/18/98	11	3.6	2.6	12	<2§	NA	380§	NA	0.2§	<1§	110§	<10§
TW-1	2 T	5/28/98	51	NA	NA	16	34	NA	<0.2	NA	0.38	<5§	110§	23
	2 F	5/28/98	49	NA	NA	15	NA	NA	NA	NA	NA	NA	NA	NA
		9/1/98	[See Additional Table(s)]											
TW-3		9/1/98	[See Additional Table(s)]											
(First purge	2	8/31/98	NA	NA	NA	NA	3.3	NA	<0.2	NA	0.42	<5	71	2.9
TW-4		9/1/98	[See Additional Table(s)]											
TW-8														
(TIME: 13:3	2 F	3/24/98	11	4	2	9	2.2	NA	<0.2	NA	0.16	NA	60§	2.8
(TIME: 14:15)		3/24/98	[See Additional Table(s)]											
(TIME: 14:4	2 F	3/24/98	10	4	1	9	2.2	NA	<0.2	NA	0.17	NA	59§	2.6
(TIME: 15:17)		3/24/98	[See Additional Table(s)]											
(TIME: 15:41)		3/24/98	[See Additional Table(s)]											
(TIME: 16:1	2 F	3/24/98	11	4	2	10	2.1	NA	<0.2	NA	0.16	NA	60§	2.4
	2 F	9/2/98	11	4	2	9	2.2	NA	<0.2	NA	0.13	<10§	67§	2.1
DEPOGW4	2 T	4/6/98	18	3	3	25	20	NA	<0.2	NA	0.5	5	81	7
	2 F	4/6/98	18	3	3	25	NA	NA	NA	NA	NA	NA	NA	NA
WATER SUPPLY														
G-2		2/24/98	[See Additional Table(s)]											
INTERMEDIATE AQUIFER														
(VOLCANICS/SEDIMENTARY)														
R-12 (443' :2, 3	T	4/13/98	43	13	3.1	18	32	NA	<0.2	NA	0.51	NA	110§	26
	3 F	4/13/98	43	12	2.8	18	NA	NA	NA	NA	NA	NA	NA	NA
R-12 (464' :	3 F	4/29/98	23	6.4	58	120	179§	<0.5§	0.2§	<0.02§	0.7§	40§	120§	185§
TW-1A	2 T	5/29/98	17	NA	NA	43	49	NA	<0.2	NA	0.57	<5§	100§	7.6
	2 F	5/29/98	17	6	6	42	NA	NA	NA	NA	NA	NA	NA	NA
TW-2A		9/1/98	[See Additional Table(s)]											
POI-4		9/2/98	[See Additional Table(s)]											
PERCHED CANYON-BOTTOM AQUIFER (Qal & Qbt)														
Canada del Buey														
CDBO-6	2 T	5/26/98	15	NA	NA	19	17	NA	<0.2	NA	0.23	<5§	62§	8.7
Los Alamos Canyon														
LAO-0.91	3 F	9/3/98	15	2.9	3.8	31	NA	NA	NA	NA	NA	NA	NA	NA
LAO-1.2	3 F	8/31/98	15	3.9	9.4	36	NA	NA	NA	NA	NA	NA	NA	NA
LAO-1.6g		9/1/98	[See Additional Table(s)]											
LAO-5		8/31/98	[See Additional Table(s)]											
LAO-6A	2 T	5/14/98	10	NA	NA	27	33	NA	0.24	NA	0.46	<5	50	7.1
LAUZ-1	3 F	5/5/98	48	3.7	8.4	73	187	<0.4	<0.1	0.04§	0.6	<1.0	104	17.5
		9/4/98	[See Additional Table(s)]											
		9/17/98	[See Additional Table(s)]											
LAUZ-2	3 F	5/5/98	59	4.5	11.7	63	120	<0.4	<0.1	0.12§	0.825	<1.0	160	11.8
		9/4/98	[See Additional Table(s)]											
		9/17/98	[See Additional Table(s)]											
Mortandad Canyon														
MCO-2	2	8/19/98	[See Additional Table(s)]											
MCO-3	2	8/20/98	[See Additional Table(s)]											
MCO-4B	2 T	5/27/98	31	NA	NA	60	20	NA	<0.2	NA	1.3	<5§	150§	16
MCO-5	2	8/20/98	NA	NA	NA	NA	20	NA	<0.2	NA	1.4	<25	170	16
MCO-6	2 F	8/21/98	28	3	20	73	20	NA	<0.2	NA	1.6	<25	190	17
MCO-7	2 F	8/21/98	20	5	21	76	18	NA	<0.2	NA	1.8	<25	180	16
MCO-7.5	2 T	5/28/98	21	NA	NA	77	18	NA	<0.2	NA	1.5	<5§	170§	16
MCWB-7.7B		8/26/98	[See Additional Table(s)]											
MT-3		8/27/98	[See Additional Table(s)]											
MT-4	2 T	5/14/98	17	NA	NA	95	18	NA	<0.2	NA	0.99	<5	160	17
Pajarito Canyon														
PCO-3	2 T	5/13/98	210	NA	NA	200	390	NA	0.69	NA	0.69	<10	590	14
Water Canyon														
WELL 16-2	2 F	12/15/98	15	6	11	94	NA	NA	NA	NA	NA	NA	NA	NA
	3	12/15/98	NA	NA	NA	NA	15.5	NA	0.128	NA	0.713	NA	NA	51.5
WELL 16-2	2 F	12/18/98	18	5	3	17	NA	NA	NA	NA	NA	NA	NA	NA
	3	12/18/98	NA	NA	NA	NA	17.2	NA	0.162	NA	0.287	NA	NA	10.6
WELL 16-2	2 F	12/18/98	14	4	2	17	NA	NA	NA	NA	NA	NA	NA	NA
	3	12/18/98	NA	NA	NA	NA	14.5	NA	0.244	NA	0.229	NA	NA	5.81
WELL 16-2	2 F	12/17/98	17	5	3	16	NA	NA	NA	NA	NA	NA	NA	NA
	3	12/17/98	NA	NA	NA	NA	15.7	NA	0.158	NA	0.247	NA	NA	7.58
SPRINGS														
Frijoles Canyon Watershed														
APACHE S	3	7/1/98	NA	NA	NA	NA	6.62	NA	<0.1	NA	<0.1	<10	59	6.01
Garcia Canyon Watershed														
PINE SPRI	3 T	7/14/98	11	4.2	4.1	7.2	1.23	NA	<0.1	NA	<0.1	<2	52	6.13
	3 F	7/14/98	11	3.6	3.6	7.0B	NA	NA	NA	NA	NA	NA	NA	NA
PINE SPRI	3 T	7/14/98	8.4	3.2	3.3	6.2	1.25	NA	<0.1	NA	<0.1	<2	41.2	5.23
	3 F	7/14/98	9	2.9	2.9	6B	NA	NA	NA	NA	NA	NA	NA	NA
Los Alamos Canyon Watershed														
BASALT SI	2 F	5/29/98	25	6	9	48	39	NA	<0.2	NA	0.32	<5§	110§	26
DP SPRINC	3 F	5/6/98	31	3.3	12.7	44	88	<0.4	<0.1	0.18§	1.05	<1.0	63.2	9.71
	3 F	9/2/98	15	1.7	9.4	36	25.7	NA	NA	NA	1.53	<10	81	6.85
		9/16/98	[See Additional Table(s)]											
		10/6/98	[See Additional Table(s)]											
LOS ALAM	2 F	5/29/98	36	8	4	15	20	NA	0.27	NA	0.86	<5§	110§	35
Pajarito Canyon Watershed														
TA-18 SPR	3 F	7/6/98	10	3.3	3	12	19.5	NA	<0.1	NA	<0.1	<10	50	7.17
THREEMIL	3 F	7/6/98	9.5	3.1	2.6	12	14.9	NA	<0.1	NA	<0.1	<10	50	7.06
Santa Clara Canyon Watershed														
SCC-3 SPF	3 T	7/16/98	8.5	4	1.9	8.7	1.44	NA	<0.1	NA	1.71	<2	50.1	2.82
	3 F	7/16/98	8.5	<0.04	1.7	<0.02	NA	NA	NA	NA	NA	NA	NA	NA
Water Canyon Watershed														
ALLUVIAL :	3 T	12/17/98	15	4.6	2.7	18	15.6	NA	0.192	NA	0.252	NA	NA	7.99
	2 F	12/17/98	16	5	3	15	NA	NA	NA	NA	NA	NA	NA	NA
CDV-5.0 SI	3 T	2/23/98	8.3	2.9	2.2	7.1	NA	NA	NA	NA	NA	NA	NA	NA
	3 F	7/1/98	7.3	2.7	2.3	5	1.01	NA	<0.1	NA	<0.1	<10	42	4.14
BURNING (	2 F	12/16/98	16	5	3	15	NA	NA	NA	NA	NA	NA	NA	NA
	3	12/16/98	NA	NA	NA	NA	13.5	NA	0.152	NA	0.263	NA	NA	7.73
MARTIN SI	2 F	12/15/98	32	7	4	31	NA	NA	NA	NA	NA	NA	NA	NA
	3	12/15/98	NA	NA	NA	NA	22.4	NA	0.317	NA	0.645	NA	NA	23.4
SWSC SPF	2 F	12/16/98	16	5	3	15	NA	NA	NA	NA	NA	NA	NA	NA
	3	12/16/98	NA	NA	NA	NA	13.8	NA	0.174	NA	0.251	NA	NA	7.65
White Rock Canyon														
ANCHO SPRING		7/1/98	[See Additional Table(s)]											
		9/24/98	[See Additional Table(s)]											
DOE SPRING		2/3/98	[See Additional Table(s)]											
		9/23/98	[See Additional Table(s)]											
	2 F	9/30/98	10	3	2	10	2.5	NA	<0.2	NA	0.41	<10§	62§	1.9
LA MESITA	2	4/7/98	NA	NA	NA	NA	8.1	NA	<0.2	NA	0.25	NA	120§	14
	2 T	7/7/98	34	1	3	28	NA	NA	NA	NA	NA	NA	NA	NA
SANDIA SI	2 F	9/28/98	37	2	3	15	4.2	NA	<0.2	NA	0.49	<10§	140§	4.3
SPRING 1	2	4/7/98	NA	NA	NA	NA	3.3	NA	<0.2	NA	0.47	NA	97§	6.6
	2 T	7/7/98	15	<1	3	28	NA	NA	NA	NA	NA	NA	NA	NA
	2 F	9/28/98	16	1	3	28	4.2	NA	<0.2	NA	0.49	<10§	110§	7.9
SPRING 3		3/12/98	[See Additional Table(s)]											
		9/22/98	[See Additional Table(s)]											
SPRING 3A		3/12/98	[See Additional Table(s)]											
		9/22/98	[See Additional Table(s)]											
(Sample cc	2 F	9/28/98	19	2	3	14	3.8	NA	<0.2	NA	0.35	<10§	82§	4.8
SPRING 4		2/18/98	[See Additional Table(s)]											
		9/22/98	[See Additional Table(s)]											
SPRING 4A		2/18/98	[See Additional Table(s)]											
		9/22/98	[See Additional Table(s)]											
SPRING 4C		2/18/98	[See Additional Table(s)]											
SPRING 5		9/22/98	[See Additional Table(s)]											
SPRING 6		9/24/98	[See Additional Table(s)]											
	2 F	9/29/98	12	3	2	10	2.5	NA	<0.2	NA	0.28	<10§	65§	2.6
SPRING 6A	2 F	9/29/98	9	3	2	10	2	NA	<0.2	NA	0.25	<10§	53§	2
SPRING 8A	2 F	9/29/98	8	3	2	10	2	NA	<0.2	NA	0.31	<10§	56§	1.9
SPRING 9A		2/3/98	[See Additional Table(s)]											
SPRING 9B		2/3/98	[See Additional Table(s)]											
(Sample collected approx. 50 ft bel		9/23/98	[See Additional Table(s)]											
SPRING 1C	2 T	9/23/98	15	3	2	11	2.3	NA	<0.2	NA	0.39	<10§	72§	2.6
Other Springs/Misc.														
HEMINGW.	2 T	11/3/98	18	6	3	11	2.8	NA	<0.2	NA	0.33	<10	85	8.7
SACRED SPRING @ SOURCE		4/14/98	[See Additional Table(s)]											
	2 T	7/7/98	29	1	3	20	NA	NA	NA	NA	NA	NA	NA	NA
TA-18 CIST	3 F	7/6/98	11	3.2	3.2	15	19.3	NA	<0.1	NA	<0.1	<10	52	7.41
	3 F	7/6/98	11	3.2	3	14	NA	NA	NA	NA	NA	NA	NA	NA
	3 T	7/6/98	11	3.3	3.3	14	NA	NA	NA	NA	NA	NA	NA	NA

2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
< - not detected above reporting detection limit or method detection limit
B - Analyte found in the associated blank as well as in the sample.
NA - Not analyzed or not applicable
T - Total fraction (non-filtered acidified sample)
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis)
§ - Hold time exceeded
Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 2 - NMED DOE Oversight Bureau Ground-Water Quality Results: Additional General Chemistry.

		PHOS (mg/L)	NO2/NO3 AS N (mg/L)	del15N ‰	TKN (mg/L)	NH3 (mg/L)	TDS (mg/L)	TSS (mg/L)	FIELD NO3 AS N (mg/L)	FIELD pH (S.U.)	FIELD SC (uS/cm)	FIELD TDS (ppm)	FIELD TEMP. (°C)	SO4 (mg/L)
WELLS														
DEEP AQUIFER														
DT-5A	2 11/5/98	NA	NA	NA	NA	NA	NA	NA	NA	7.55	114.8	70	21.9	NA
DT-9	2 11/5/98	NA	NA	NA	NA	NA	NA	NA	NA	7.92	119	73	21.2	NA
DT-10	2 11/6/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3
R-12 (801)	3 6/8/98	0.056§	0.91§	NA	0.2§	0.70§	NA	NA	NA	NA	NA	NA	NA	8.2§
R-12 (803)	3 10/15/98	0.03	0.75D	NA	0.2	<0.06D	NA	12	NA	7.86	290	174	23.6	NA
R-12 (810)	2 5/29/98	0.22	0.978	NA	0.6	<0.1	NA	NA	NA	7.9	265	155	30.3	8.6
R-25 (747)	3 9/30/98	0.16D	0.62D	NA	0.6	0.12	NA	NA	NA	NA	NA	NA	NA	NA
R-25 (867)	3 10/9/98	0.29	0.6D	NA	0.4	0.07	190	190D	NA	6.52	166	96	10.8	8.57
R-25 (1246	4 12/18/98	1.8§	0.1§	NA	0.5§	0.23§	190§	83000§	NA	NA	NA	NA	NA	<10§
TW-1	2 5/28/98	<0.1	5.04	NA	2.6	<0.1	NA	NA	NA	7.55	382	221	13.8	23
	3 9/1/98	0.019	4.9D	NA	<0.1	0.34D	NA	NA	NA	NA	NA	NA	NA	NA
TW-3 (First purge	2 8/31/98	0.069	<0.05	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	2.9
TW-8														
(TIME: 13:	2 3/24/98	NA	NA	NA	NA	NA	NA	NA	0.69	7.75	119	69	17.7	2.8
(TIME: 14:15)	3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.72	118	68	19	NA
(TIME: 14:	2 3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.66	118	68	19.6	2.6
(TIME: 15:17)	3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.71	118	68	20.5	NA
(TIME: 15:41)	3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.63	119	69	20.7	NA
(TIME: 16:	2 3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.58	120	69	20.7	2.4
	2 5/29/98	<0.1§	0.28§	NA		1.7 <0.5§	NA	NA	NA	NA	NA	NA	NA	2.1
DEPOGW	2 4/6/98	<0.05	<0.01	NA	0.31	<0.5	NA	NA	NA	7.95	219	127	30.6	7
WATER SUPPLY														
G-2	2 2/24/98	NA	NA	NA	NA	NA	NA	NA	1.08	8.13	157	91	28.4	NA
INTERMEDIATE AQUIFER														
(VOLCANICS/SEDIMENTARY)														
R-12 (443')[2, 3	4/13/98	NA	4.92	NA	1.2	<0.1	300§	31§	4.35	NA	399	232	14.5	26
R-12 (464')	3 4/29/98	0.95§	0.63§	NA	14§	12D§	NA	NA	NA	NA	NA	NA	NA	18§§
TW-1A	2 5/29/98	0.63	<0.2	NA	2.5	0.32	NA	NA	NA	8.12	339	197	12.2	7.6
PERCHED CANYON-BOTTOM AQUIFER (Qal & Qbt)														
Canada del Buey														
CDBO-6	2 5/26/98	0.64	0.44	NA	2.5	0.44	NA	NA	NA	NA	NA	NA		8.7
Los Alamos Canyon														
LAO-1.2	3 8/31/98	NA	NA	NA	NA	NA	NA	NA	NA	6.41	250	NA	10.5	NA
LAO-5	8/31/98	NA	NA	NA	NA	NA	NA	NA	NA	6.7	NA	NA	13.6	NA
LAO-5A	2 5/14/98	0.05	0.1	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA		7.1
LAUZ-1	3 5/5/98	NA	NA	NA	NA	NA	NA	NA	0.77	6.65	790	458	8.9	17.4
	9/17/98	NA	NA	NA	NA	NA	NA	NA	NA	6.77	361	216	22.5	NA
LAUZ-2	3 5/5/98	NA	NA	NA	NA	NA	NA	NA	<0.29	7.3	745	433	11.4	11.8
	9/17/98	NA	NA	NA	NA	NA	NA	NA	NA	7.32	506	303	17.8	NA
Mortandad Canyon														
MCO-2	2 8/19/98	NA	NA	NA	NA	NA	400§	<20§	NA	NA	NA	NA		NA
MCO-3	2 8/20/98	NA	NA	NA	NA	NA	560§	<20§	NA	NA	NA	NA		NA
MCO-4B	2 5/27/98	<0.1	14.6	NA	6.8	<0.1	NA	NA	NA	NA	NA	NA		16
MCO-5	2 8/20/98	0.13	13	NA	1.4	<0.5	350§	<20§	NA	NA	NA	NA		16
MCO-6	2 8/21/98	0.15	14	NA	1.5	<0.5	370§	<20§	NA	NA	NA	NA		17
MCO-7	2 8/21/98	0.41	15	NA	1.1	<0.5	380§	59§	NA	NA	NA	NA		16
MCO-7.5	2 5/28/98	0.11	17.5	NA	<2.5	<0.1	NA	NA	NA	NA	NA	NA		16
MT-4	2 5/14/98	0.15	22	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA		17
Pajarito Canyon														
PCO-3	2 5/13/98	0.05	<0.05	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA		14
Water Canyon														
WELL 16-1	2 12/15/98	1.7	0.59	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/15/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.5
WELL 16-1	2 12/16/98	<0.05	0.55	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/16/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.6
WELL 16-1	2 12/16/98	<0.05	<0.05	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/16/98	0.3	0.06	NA	0.7	0.05	NA	NA	NA	NA	NA	NA	NA	5.81
WELL 16-1	2 12/17/98	<0.051	0.25	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/17/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.58
SPRINGS														
Frijoles Canyon Watershed														
APACHE S	3 7/1/98	NA	NA	NA	NA	NA	NA	NA	NA	7.43	131	76	9.7	6.01
Garcia Canyon Watershed														
PINE SPR 3	7/14/98	0.06	0.08	NA	0.3	<0.03	NA	NA	NA	6.69	114.1	67	13.3	6.13
PINE SPR 3	7/14/98	0.08	0.29	NA	0.2	<0.03	NA	NA	NA	6.24	92.5	54	10.4	5.23
Los Alamos Canyon Watershed														
BASALT S	2 5/29/98	2	4.15	NA	2.5	0.12	NA	NA	NA	6.6	417	NA	6	26
DP SPRIN	3 5/6/98	0.07	0.8	NA	0.1	0.06	NA	NA	0.95	8	478	279	12.7	9.71
	3 9/2/98	0.11	0.36	NA	0.2	0.06	NA	NA	NA	NA	NA	NA	NA	6.85
	9/16/98	NA	NA	NA	NA	NA	NA	NA	NA	7.89	280	168	15.8	NA
	10/6/98	NA	NA	NA	NA	NA	NA	NA	NA	7.67	216	132	10.5	NA
LOS ALAM	2 5/29/98	<0.1	2.58	NA	<2.5	<0.10	NA	NA	NA	6.66	303	NA	10.9	35
Pajarito Canyon Watershed														
TA-18 SP6	3 7/6/98	0.018	0.01	NA	0.5	0.12	NA	NA	NA	5.81	83	47	11.1	7.17
THREEMI	3 7/6/98	0.064	0.02	NA	0.4	0.06	NA	NA	NA	6.21	140.3	82	9.2	7.06
Santa Clara Canyon Watershed														
SCC-3 SPI	3 7/16/98	0.12	0.33	NA	<0.1	<0.03		50	<1	NA	6.61	102	59	10.7	2.82
Water Canyon Watershed														
ALLUVIAL	3 12/17/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.99
	2 12/17/98	<0.06	0.24	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
CDV-5.0 S	3 2/23/98	NA	NA	NA	NA	NA	NA	NA	0.88	7.85	84	48	6.9	NA
	3 7/1/98	0.063	0.31	NA	0.3	<0.03	NA	NA	NA	6.86	78	45	8	4.14
BURNING	2 12/16/98	0.09	0.75	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/16/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.73
MARTIN S	2 12/15/98	0.1	4.4	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/15/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.4
SWSC SPI	2 12/16/98	0.084	0.89	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/16/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.65
White Rock Canyon														
ANCHO SPRING	7/1/98	NA	NA	NA	NA	NA	NA	NA	NA	7.43	131	76	9.7	NA
	9/24/98	NA	NA	NA	NA	NA	NA	NA	NA	6.54	118.7	70	20.6	NA
DOE SPRING	2/3/98	NA	NA	NA	NA	NA	NA	NA	0.81	7.53	111	64	13.5	NA
	9/2/98	NA	NA	NA	NA	NA	NA	NA	NA	7.71	187	111	21	NA
	2 9/29/98	<0.05	<0.5	NA	<2.5	<0.5	140§	<20§	NA	6.88	120	71	16.1	1.9
LA MESITI	2 4/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.4	370	210	12.5	14
	2 7/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.5	290	173	16	NA
SANDIA S	2 9/28/98	0.066	<0.5	NA	1	<0.5	200§	90§	NA	7.35	NA	NA	15.2	4.3
SPRING 1	2 4/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.71	194	112	16.1	6.6
	2 7/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.49	196	114	18.2	NA
	2 9/28/98	0.27	1.4	0.9	2.9	<0.5	170§	360§	NA	8.12	231	137	17.5	7.9
SPRING 3	3/12/98	NA	NA	NA	NA	NA	NA	NA	0.95	NA	NA	NA	NA	NA
	9/23/98	NA	NA	NA	NA	NA	NA	NA	1.5	7.83	179	NA	19.9	NA
SPRING 3A	3/12/98	NA	NA	NA	NA	NA	NA	NA	1.23	NA	NA	NA	NA	NA
	9/23/98	NA	NA	NA	NA	NA	NA	NA	1.1	7.67	165	NA	20.2	NA
(Sample co	2 9/29/98	<0.05	<0.5	NA	2.6	<0.5	150§	<20§	NA	7.89	NA	NA	19.4	4.8
SPRING 4	2/18/98	NA	NA	NA	NA	NA	NA	NA	0.67	7.21	192	110	15	NA
	9/23/98	NA	NA	NA	NA	NA	NA	NA	NA	6.83	195	116	16.6	NA
SPRING 4A	2/18/98	NA	NA	NA	NA	NA	NA	NA	0.79	7.82	179	103	20.2	NA
	9/23/98	NA	NA	NA	NA	NA	NA	NA	NA	7.23	182	108	20.3	NA
SPRING 4C	2/18/98	NA	NA	NA	NA	NA	NA	NA	0.51	7.74	199	109	16.6	NA
SPRING 5	9/23/98	NA	NA	NA	NA	NA	NA	NA	NA	7.38	165	98	21.3	NA
SPRING 6	9/24/98	NA	NA	NA	NA	NA	NA	NA	NA	6.98	128.2	76	20	NA
	2 9/29/98	<0.05	<0.5	NA	<2.5	<0.5	150§	<20§	NA	7.55	NA	NA	20.1	2.6
SPRING 6.	2 9/29/98	<0.05	<0.5	NA	<2.5	<0.5	140§	<20§	NA	8.07	107	64	21.9	2
SPRING 8.	2 9/29/98	<0.05	<0.5	NA	<2.5	<0.5	140§	<20§	NA	7.48	106	63	20.3	1.9
SPRING 9A	2/3/98	NA	NA	NA	NA	NA	NA	NA	NA	6.95	113	65	19.3	NA
SPRING 9B	2/3/98	NA	NA	NA	NA	NA	NA	NA	0.91	7.22	117.7	68	8.8	NA
(Sample collected aga	9/23/98	NA	NA	NA	NA	NA	NA	NA	NA	7.26	111	66	20.5	NA
SPRING 1	2 9/23/98	0.1	<0.5	NA	<2.5	<0.5	NA	NA	NA	6.88	144	86	20.1	2.6
Other Springs/Misc.														
HEMINGW	2 11/3/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7
SACRED S	2 7/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.53	219	128	17	NA
TA-18 CIS	3 7/6/98	0.02	0.01	NA	0.4	0.11	NA	NA	NA	5.9	154	90	12.8	7.41

2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
< - not detected above reporting detection limit or method detection limit
D - Sample diluted when used with a non-detect result and/or compounds identified in an analysis at a secondary dilution factor.
N - Sample diluted when used with a non-detect result and/or compounds identified in an analysis at a secondary dilution factor.
TKN - Total kjeldahl nitrogen
TDS - Total dissolved solids
TSS - Total suspended solids
SC - Specific conductance
NA - Not analyzed or not applicable
§ - Hold time exceeded
Del 15/14N-NO3 - Nitrogen-isotope data provided by Global Geochemistry Corp.
Note: all samples were received by the contract laboratory at 4± +/-2± Celsius.

Table 2 - NMED DOE Oversight Bureau Ground-Water Quality Results: Additional General Chemistry.

		PHOS (mg/L)	NO2/NO3 AS N (mg/L)	del15N ‰	TKN (mg/L)	NH3 (mg/L)	TDS (mg/L)	TSS (mg/L)	FIELD NO3 AS N (mg/L)	FIELD pH (S.U.)	FIELD SC (uS/cm)	FIELD TDS (ppm)	FIELD TEMP. (°C)	SO4 (mg/L)
WELLS														
DEEP AQUIFER														
DT-5A	2 11/5/98	NA	NA	NA	NA	NA	NA	NA	NA	7.55	114.8	70	21.9	NA
DT-9	2 11/5/98	NA	NA	NA	NA	NA	NA	NA	NA	7.92	119	73	21.2	NA
DT-10	2 11/6/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3
R-12 (801)	3 6/8/98	0.056§	0.91§	NA	0.2§	0.70§	NA	NA	NA	NA	NA	NA	NA	8.2§
R-12 (803)	3 10/15/98	0.03	0.75D	NA	0.2	<0.06D	NA	12	NA	7.86	290	174	23.6	NA
R-12 (810)	2 5/29/98	0.22	0.978	NA	0.6	<0.1	NA	NA	NA	7.9	265	155	30.3	8.6
R-25 (747)	3 9/30/98	0.16D	0.62D	NA	0.6	0.12	NA	NA	NA	NA	NA	NA	NA	NA
R-25 (867)	3 10/9/98	0.29	0.6D	NA	0.4	0.07	190	190D	NA	6.52	166	96	10.8	8.57
R-25 (1246	4 12/18/98	1.8§	0.1§	NA	0.5§	0.23§	190§	83000§	NA	NA	NA	NA	NA	<10§
TW-1	2 5/28/98	<0.1	5.04	NA	2.6	<0.1	NA	NA	NA	7.55	382	221	13.8	23
	3 9/1/98	0.019	4.9D	NA	<0.1	0.34D	NA	NA	NA	NA	NA	NA	NA	NA
TW-3 (First purge	2 8/31/98	0.069	<0.05	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	2.9
TW-8														
(TIME: 13:	2 3/24/98	NA	NA	NA	NA	NA	NA	NA	0.69	7.75	119	69	17.7	2.8
(TIME: 14:15)	3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.72	118	68	19	NA
(TIME: 14:	2 3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.66	118	68	19.6	2.6
(TIME: 15:17)	3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.71	118	68	20.5	NA
(TIME: 15:41)	3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.63	119	69	20.7	NA
(TIME: 16:	2 3/24/98	NA	NA	NA	NA	NA	NA	NA	NA	7.58	120	69	20.7	2.4
	2 5/29/98	<0.1§	0.28§	NA		1.7 <0.5§	NA	NA	NA	NA	NA	NA	NA	2.1
DEPOGW	2 4/6/98	<0.05	<0.01	NA	0.31	<0.5	NA	NA	NA	7.95	219	127	30.6	7
WATER SUPPLY														
G-2	2 2/24/98	NA	NA	NA	NA	NA	NA	NA	1.08	8.13	157	91	28.4	NA
INTERMEDIATE AQUIFER														
(VOLCANICS/SEDIMENTARY)														
R-12 (443')[2, 3	4/13/98	NA	4.92	NA	1.2	<0.1	300§	31§	4.35	NA	399	232	14.5	26
R-12 (464')	3 4/29/98	0.95§	0.63§	NA	14§	12D§	NA	NA	NA	NA	NA	NA	NA	18§§
TW-1A	2 5/29/98	0.63	<0.2	NA	2.5	0.32	NA	NA	NA	8.12	339	197	12.2	7.6
PERCHED CANYON-BOTTOM AQUIFER (Qal & Qbt)														
Canada del Buey														
CDBO-6	2 5/26/98	0.64	0.44	NA	2.5	0.44	NA	NA	NA	NA	NA	NA		8.7
Los Alamos Canyon														
LAO-1.2	3 8/31/98	NA	NA	NA	NA	NA	NA	NA	NA	6.41	250	NA	10.5	NA
LAO-5	8/31/98	NA	NA	NA	NA	NA	NA	NA	NA	6.7	NA	NA	13.6	NA
LAO-5A	2 5/14/98	0.05	0.1	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA		7.1
LAUZ-1	3 5/5/98	NA	NA	NA	NA	NA	NA	NA	0.77	6.65	790	458	8.9	17.4
	9/17/98	NA	NA	NA	NA	NA	NA	NA	NA	6.77	361	216	22.5	NA
LAUZ-2	3 5/5/98	NA	NA	NA	NA	NA	NA	NA	<0.29	7.3	745	433	11.4	11.8
	9/17/98	NA	NA	NA	NA	NA	NA	NA	NA	7.32	506	303	17.8	NA
Mortandad Canyon														
MCO-2	2 8/19/98	NA	NA	NA	NA	NA	400§	<20§	NA	NA	NA	NA		NA
MCO-3	2 8/20/98	NA	NA	NA	NA	NA	560§	<20§	NA	NA	NA	NA		NA
MCO-4B	2 5/27/98	<0.1	14.6	NA	6.8	<0.1	NA	NA	NA	NA	NA	NA		16
MCO-5	2 8/20/98	0.13	13	NA	1.4	<0.5	350§	<20§	NA	NA	NA	NA		16
MCO-6	2 8/21/98	0.15	14	NA	1.5	<0.5	370§	<20§	NA	NA	NA	NA		17
MCO-7	2 8/21/98	0.41	15	NA	1.1	<0.5	380§	59§	NA	NA	NA	NA		16
MCO-7.5	2 5/28/98	0.11	17.5	NA	<2.5	<0.1	NA	NA	NA	NA	NA	NA		16
MT-4	2 5/14/98	0.15	22	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA		17
Pajarito Canyon														
PCO-3	2 5/13/98	0.05	<0.05	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA		14
Water Canyon														
WELL 16-1	2 12/15/98	1.7	0.59	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/15/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.5
WELL 16-1	2 12/16/98	<0.05	0.55	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/16/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.6
WELL 16-1	2 12/16/98	<0.05	<0.05	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/16/98	0.3	0.06	NA	0.7	0.05	NA	NA	NA	NA	NA	NA	NA	5.81
WELL 16-1	2 12/17/98	<0.051	0.25	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/17/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.58
SPRINGS														
Frijoles Canyon Watershed														
APACHE S	3 7/1/98	NA	NA	NA	NA	NA	NA	NA	NA	7.43	131	76	9.7	6.01
Garcia Canyon Watershed														
PINE SPR 3	7/14/98	0.06	0.08	NA	0.3	<0.03	NA	NA	NA	6.69	114.1	67	13.3	6.13
PINE SPR 3	7/14/98	0.08	0.29	NA	0.2	<0.03	NA	NA	NA	6.24	92.5	54	10.4	5.23
Los Alamos Canyon Watershed														
BASALT S	2 5/29/98	2	4.15	NA	2.5	0.12	NA	NA	NA	6.6	417	NA	6	26
DP SPRIN	3 5/6/98	0.07	0.8	NA	0.1	0.06	NA	NA	0.95	8	478	279	12.7	9.71
	3 9/2/98	0.11	0.36	NA	0.2	0.06	NA	NA	NA	NA	NA	NA	NA	6.85
	9/16/98	NA	NA	NA	NA	NA	NA	NA	NA	7.89	280	168	15.8	NA
	10/6/98	NA	NA	NA	NA	NA	NA	NA	NA	7.67	216	132	10.5	NA
LOS ALAM	2 5/29/98	<0.1	2.58	NA	<2.5	<0.10	NA	NA	NA	6.66	303	NA	10.9	35
Pajarito Canyon Watershed														
TA-18 SP6	3 7/6/98	0.018	0.01	NA	0.5	0.12	NA	NA	NA	5.81	83	47	11.1	7.17
THREEMI	3 7/6/98	0.064	0.02	NA	0.4	0.06	NA	NA	NA	6.21	140.3	82	9.2	7.06
Santa Clara Canyon Watershed														
SCC-3 SPI	3 7/16/98	0.12	0.33	NA	<0.1	<0.03		50	<1	NA	6.61	102	59	10.7	2.82
Water Canyon Watershed														
ALLUVIAL	3 12/17/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.99
	2 12/17/98	<0.06	0.24	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
CDV-5.0 S	3 2/23/98	NA	NA	NA	NA	NA	NA	NA	0.88	7.85	84	48	6.9	NA
	3 7/1/98	0.063	0.31	NA	0.3	<0.03	NA	NA	NA	6.86	78	45	8	4.14
BURNING	2 12/16/98	0.09	0.75	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/16/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.73
MARTIN S	2 12/15/98	0.1	4.4	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/15/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.4
SWSC SPI	2 12/16/98	0.084	0.89	NA	<2.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
	3 12/16/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.65
White Rock Canyon														
ANCHO SPRING	7/1/98	NA	NA	NA	NA	NA	NA	NA	NA	7.43	131	76	9.7	NA
	9/24/98	NA	NA	NA	NA	NA	NA	NA	NA	6.54	118.7	70	20.6	NA
DOE SPRING	2/3/98	NA	NA	NA	NA	NA	NA	NA	0.81	7.53	111	64	13.5	NA
	9/2/98	NA	NA	NA	NA	NA	NA	NA	NA	7.71	187	111	21	NA
	2 9/29/98	<0.05	<0.5	NA	<2.5	<0.5	140§	<20§	NA	6.88	120	71	16.1	1.9
LA MESITI	2 4/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.4	370	210	12.5	14
	2 7/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.5	290	173	16	NA
SANDIA S	2 9/28/98	0.066	<0.5	NA	1	<0.5	200§	90§	NA	7.35	NA	NA	15.2	4.3
SPRING 1	2 4/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.71	194	112	16.1	6.6
	2 7/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.49	196	114	18.2	NA
	2 9/28/98	0.27	1.4	0.9	2.9	<0.5	170§	360§	NA	8.12	231	137	17.5	7.9
SPRING 3	3/12/98	NA	NA	NA	NA	NA	NA	NA	0.95	NA	NA	NA	NA	NA
	9/23/98	NA	NA	NA	NA	NA	NA	NA	1.5	7.83	179	NA	19.9	NA
SPRING 3A	3/12/98	NA	NA	NA	NA	NA	NA	NA	1.23	NA	NA	NA	NA	NA
	9/23/98	NA	NA	NA	NA	NA	NA	NA	1.1	7.67	165	NA	20.2	NA
(Sample co	2 9/29/98	<0.05	<0.5	NA	2.6	<0.5	150§	<20§	NA	7.89	NA	NA	19.4	4.8
SPRING 4	2/18/98	NA	NA	NA	NA	NA	NA	NA	0.67	7.21	192	110	15	NA
	9/23/98	NA	NA	NA	NA	NA	NA	NA	NA	6.83	195	116	16.6	NA
SPRING 4A	2/18/98	NA	NA	NA	NA	NA	NA	NA	0.79	7.82	179	103	20.2	NA
	9/23/98	NA	NA	NA	NA	NA	NA	NA	NA	7.23	182	108	20.3	NA
SPRING 4C	2/18/98	NA	NA	NA	NA	NA	NA	NA	0.51	7.74	199	109	16.6	NA
SPRING 5	9/23/98	NA	NA	NA	NA	NA	NA	NA	NA	7.38	165	98	21.3	NA
SPRING 6	9/24/98	NA	NA	NA	NA	NA	NA	NA	NA	6.98	128.2	76	20	NA
	2 9/29/98	<0.05	<0.5	NA	<2.5	<0.5	150§	<20§	NA	7.55	NA	NA	20.1	2.6
SPRING 6.	2 9/29/98	<0.05	<0.5	NA	<2.5	<0.5	140§	<20§	NA	8.07	107	64	21.9	2
SPRING 8.	2 9/29/98	<0.05	<0.5	NA	<2.5	<0.5	140§	<20§	NA	7.48	106	63	20.3	1.9
SPRING 9A	2/3/98	NA	NA	NA	NA	NA	NA	NA	NA	6.95	113	65	19.3	NA
SPRING 9B	2/3/98	NA	NA	NA	NA	NA	NA	NA	0.91	7.22	117.7	68	8.8	NA
(Sample collected aga	9/23/98	NA	NA	NA	NA	NA	NA	NA	NA	7.26	111	66	20.5	NA
SPRING 1	2 9/23/98	0.1	<0.5	NA	<2.5	<0.5	NA	NA	NA	6.88	144	86	20.1	2.6
Other Springs/Misc.														
HEMINGW	2 11/3/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7
SACRED S	2 7/7/98	NA	NA	NA	NA	NA	NA	NA	NA	7.53	219	128	17	NA
TA-18 CIS	3 7/6/98	0.02	0.01	NA	0.4	0.11	NA	NA	NA	5.9	154	90	12.8	7.41

2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
< - not detected above reporting detection limit or method detection limit
D - Sample diluted when used with a non-detect result and/or compounds identified in an analysis at a secondary dilution factor.
N - Sample diluted when used with a non-detect result and/or compounds identified in an analysis at a secondary dilution factor.
TKN - Total kjeldahl nitrogen
TDS - Total dissolved solids
TSS - Total suspended solids
SC - Specific conductance
NA - Not analyzed or not applicable
§ - Hold time exceeded
Del 15/14N-NO3 - Nitrogen-isotope data provided by Global Geochemistry Corp.
Note: all samples were received by the contract laboratory at 4± +/-2± Celsius.

Table 3b - NMED DOE Overnight Bureau Ground-Water Quality Results: Dissolved and Total Metals.

STATION ID		Date	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
WELLS															
DEEP AQUIFER															
DT-5A	2 T	11/5/98		0.02 <0.01	<0.01	<0.02	<0.003	<0.02	0.005	33M	<0.02		0.04 <0.01	<0.01	0.22
DT-9	2 T	11/5/98		0.02 <0.01	<0.01	<0.02	<0.003	<0.02	<0.005	32M	<0.02		0.05 <0.01	<0.01	0.13
DT-10	2 T	11/6/98		0.02 <0.01	<0.01	<0.02	<0.003	<0.02	<0.005	29M	<0.02		0.05 <0.01	<0.01	0.07
R-12 (801'	3 T	6/8/98	NA		0.039 NA	NA		0.008 NA	NA		30.0 NA		0.17 NA	NA	NA
	3 F	6/8/98	NA		0.03 NA	NA	<0.005	NA	NA		29.7 NA		0.17 NA	NA	NA
R-12 (803'	3 T	10/15/98	0.041	0.05 <0.01	<0.005	<0.005	NA	<0.01		33.3 NA			0.17 <0.02	<0.01	<0.02
	3 F	10/15/98	0.03	0.05 <0.01	<0.005	<0.005	<0.01	<0.01	NA	NA	NA	NA	<0.02	<0.01	<0.02
R-12 (810'	2 T	5/28/98	0.42	29	0.05	2.69	0.11	<0.02	<0.05		130 <0.1		5.7 <0.1	0.83	1.3
	2 F	5/28/98	0.04	0.11	0.07	<0.02	<0.003	<0.02	<0.005		17 <0.02		0.15 <0.01	<0.01	<0.02
R-25 (747'	3 F	9/30/98	0.014	1.3	0.02	0.009	<0.005	<0.002	<0.02		18.5 <0.3		0.11 <0.02	<0.01	<0.02
	3 T	9/30/98	1.6D	6.2	0.06	0.17	0.23	<0.03M	<0.02		26.9 <0.3		0.59 <0.02	0.06	0.94
R-25 (867'	3 F	10/6/98	0.009	0.24 NA	NA	NA	NA	NA		14.8 NA			0.09 NA	NA	NA
R-25 (1246	4 F	12/18/98	<0.05	0.44	0.047	0.0089	<0.005	<0.005	<0.005		12.6 <0.01		0.057 <0.01	<0.005	0.012
TW-1	2 T	5/28/98	NA		0.07 NA	NA		0.082 NA	NA		21 NA		0.28 NA	NA	1.4
	2 F	5/28/98	NA		0.07 NA	NA	<0.003	NA	NA		20 NA		0.27 NA	NA	0.87
TW-8															
(TIME: 13:	2 F	3/24/98	NA	NA	NA	NA	NA	NA	NA		22 NA		0.05 NA	NA	NA
(TIME: 14:	2 F	3/24/98	NA	NA	NA	NA	NA	NA	NA		24 NA		0.05 NA	NA	NA
(TIME: 16:	2 F	3/24/98	NA	NA	NA	NA	NA	NA	NA		27 NA		0.05 NA	NA	NA
	2 F	9/2/98		0.02 <0.01	<0.01	<0.02	<0.003	<0.02	NA		30 <0.02		0.05 <0.02	<0.01	0.74
DEPOGW-	2 T	4/6/98		0.04	0.02 <0.01	<0.02	<0.003	<0.02	<0.005		34 <0.02		0.09 <0.01	0.01	0.22
	2 F	4/6/98		0.03	0.02 <0.01	<0.02	<0.003	<0.02	<0.005		35 <0.02		0.09 <0.01	0.01	0.22
INTERM. AQUIFER															
(VOLCANICS/SEDIMENTARY)															
R-12 (443'	3 T	4/13/98	NA		0.06 NA	NA	<0.005	NA	NA		22 NA		0.19 NA	NA	NA
	3 F	4/13/98	NA		0.025 NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
R-12 (464'	3 F	4/29/98		0.066	0.14	0.06	<0.02	<0.005	<0.01	<0.02	4.2	0.4	0.49 <0.02	<0.01	0.006B
TW-1A	2 T	5/28/98	NA		0.1 NA	NA	<0.003	NA	NA		1.3 NA		0.11 NA	NA	3.9
	2 F	5/28/98		0.01	0.08 <0.01	<0.02	<0.003	<0.02	<0.005		1.2 <0.02		0.11 <0.01	<0.01	0.39
PERCHED CANYON-BOTTOM AQUIFER (Qal & Qbt)															
Canada del Buey															
CDBO-6	2 T	5/26/98	NA		0.07 NA	NA		0.005 NA	NA		38 NA		0.1 NA	NA	0.03
Los Alamos Canyon															
LAO-0.91	3 F	9/3/98		0.01 <0.003	<0.01	<0.005	<0.005	<0.01	<0.02		21.2 <0.3		0.1 <0.02	<0.01	<0.02
LAO-1.2	3 F	8/31/98		0.005 <0.003	<0.01	<0.005		0.005 <0.01	<0.02		17.6 <0.3		0.11 <0.02	<0.01	<0.02
LAO-6A	2 T	5/14/98	NA	NA	NA	NA	<0.05	NA	NA		20 NA		0.07 NA	NA	<0.02
LAUZ-1	3 F	5/5/98	NA		0.006 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LAUZ-2	3 F	5/5/98	NA		0.8 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mortandad Canyon															
MCD-2	2 T	8/19/98	NA		1.3 NA	NA		0.003 NA	NA		48 NA		0.09 NA	NA	NA
MCD-3	2 T	8/20/98	NA	<0.01	NA	NA	<0.003	NA	NA		22 NA		0.12 NA	NA	NA
MCD-4B	2 T	5/27/98	NA	<0.01	NA	NA	<0.003	NA	NA		17 NA		0.11 NA	NA	<0.02
MCD-5	2 T	8/20/98	NA	<0.01	NA	NA	<0.003	NA	NA		16 NA		0.12 NA	NA	NA
MCD-6	2 F	8/21/98		0.02 <0.01		0.12 <0.02	<0.003	<0.02	<0.005		16 <0.02		0.11 <0.01	<0.01	<0.02
MCD-7	2 F	8/21/98	<0.01	<0.01		0.1 <0.02	<0.003	<0.02	NA		16 <0.02		0.13 <0.01	<0.01	<0.02
MCD-7.5	2 T	5/28/98	NA	<0.01	NA	NA	<0.003	NA	NA		16 NA		13 NA	NA	<0.02
MT-4	2 T	5/14/98	NA	NA	NA	NA	<0.05	NA	NA		18 NA		0.11 NA	NA	<0.02
Pajarito Canyon															
PCO-3	2 T	5/13/98	NA	NA	NA	NA	<0.05	NA	NA		18 NA		1.1 NA	NA	<0.02
Water Canyon															
WELL 16-1	2 F	12/15/98		0.04	0.11 <0.01		0.02	0.009 <0.02	<0.005		70 <0.02		0.12 <0.01	0.04	0.08
WELL 16-1	2 F	12/18/98	<0.01		0.02 <0.01	<0.02	<0.003	<0.02	<0.005	16M	<0.02		0.14 <0.01	<0.01	<0.02
WELL 16-1	2 F	12/18/98	<0.01		0.64 <0.01	<0.02	<0.003	<0.02	<0.005		16 <0.02		0.18 <0.01	<0.01	<0.02
WELL 16-1	2 F	12/17/98	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005		17 <0.02		0.14 <0.01	<0.01	<0.02
SPRINGS															
Garcia Canyon Watershed															
PINE SPR 2	F	7/14/98	NA	NA	NA	NA	NA	NA	NA		24 NA		0.09 NA	NA	NA
3	T	7/14/98	NA		0.011 <0.01	NA	<0.005		0.03 NA	NA	NA	NA	NA	NA	NA
3	F	7/14/98	NA		0.004 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PINE SPR	2 F	7/14/98	NA	NA	NA	NA	NA	NA	NA		25 NA		0.07 NA	NA	NA
3	F	7/14/98	NA		0.014 <0.01	NA	<0.005	<0.01	NA	NA	NA	NA	NA	NA	NA
3	F	7/14/98	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Los Alamos Canyon Watershed															
BASALT S	2 F	5/29/98	NA	<0.01	NA	NA	<0.003	NA	NA	28M	NA		0.13 NA	NA	<0.02
DP SPRIN	3 F	5/06/98	NA		0.004 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3 F	9/2/98		0.011 0.004 <0.01		<0.005	<0.005	<0.01	<0.02		9.2 <0.3		0.1 <0.02	<0.01	<0.02
LA SPRING	2 F	5/29/98	NA	<0.01	NA	NA	<0.003	NA	NA		17 NA		0.18 NA	NA	<0.02
Santa Clara Canyon Watershed															
SCC-3 SPI	2 T	7/16/98	NA	NA	NA	NA	NA	NA	NA		25 NA		0.05 NA	NA	NA
	2 F	7/16/98	NA	NA	NA	NA	NA	NA	NA		24 NA		0.05 NA	NA	NA
3	T	7/16/98	NA	NA	NA	NA	NA	NA	<0.02	NA	<0.3	NA	<0.02	<0.01	0.058B
3	F	7/16/98		0.012 <0.001	<0.1	<0.02	<0.03	<0.004	NA	NA	<0.3	NA	<0.04	<0.008	<0.002
Pajarito Canyon Watershed															
TA-18 SPR	3 T	7/8/98	NA	NA	NA	NA	<0.005	NA	<0.02		13.6 NA		0.07 NA	NA	NA
	3 F	7/8/98	NA	NA	NA	NA	<0.005	NA	<0.02		15.2 NA		0.07 NA	NA	NA
THREEMI	3 T	7/8/98	NA	NA	NA	NA	<0.005	NA	<0.02		15.9 NA		0.07 NA	NA	NA
	3 F	7/8/98	NA		0.21 NA	NA	<0.005	NA	<0.02		17 NA		0.08 NA	NA	NA
Water Canyon Watershed															
ALLUVIAL	2 F	12/17/98	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005		16 <0.02		0.14 <0.01	<0.01	<0.02
	3 T	12/17/98		0.007	0.008 <0.01	<0.005	<0.005		0.01 <0.02		17.9 <0.1		0.14 <0.02	<0.01	<0.02
BURNING	2 F	12/16/98	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005		20 <0.02		0.11 <0.01	<0.01	<0.02
CDV-5.0	3 T	2/23/98	NA		0.003 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3 F	7/1/98	NA	<0.003	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
MARTIN S	2 F	12/15/98	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005		21 <0.02		0.16 <0.01	<0.01	<0.02
SWSC SPI	2 F	12/16/98	<0.01		0.02 <0.01	<0.02	<0.003	<0.02	<0.005		20 <0.02		0.11 <0.01	<0.01	<0.02
White Rock Canyon Watershed															
DOE SPRI	2 F	9/30/98	0.03†	<0.01†	<0.01	<0.02	<0.003	<0.02	<0.005		35 <0.02		0.05 <0.01	<0.01	<0.02
LA MESITA	2 T	7/7/98	NA	<0.01	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
SANDIA S	2 F	9/28/98	0.03†	<0.07†	<0.01	<0.02	<0.003	<0.02	<0.005		21 <0.02		0.32 <0.01	<0.01	<0.02
SPRING 1	2 T	7/7/98	NA	<0.01	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
	2 F	9/28/98	0.03†	<0.01†	<0.01	<0.02	<0.003	<0.02	<0.005		15 <0.02		0.19 <0.01	0.02	<0.02
SPRING 3A (Sample co	2 F	9/28/98	0.02†	<0.01†	<0.01	<0.02	<0.003	<0.02	<0.005		23 <0.02		0.21 <0.01	0.01	<0.02
SPRING 6	2 F	9/29/98	0.02†	<0.01†	<0.01	<0.02	<0.003	<0.02	<0.005		34 <0.02		0.06 <0.01	<0.01	<0.02
SPRING 6	2 F	9/29/98	0.02†	<0.01†	<0.01	<0.02	<0.003	<0.02	<0.005		36 <0.02		0.05 <0.01	<0.01	<0.02
SPRING 8	2 F	9/29/98	0.02†	<0.01†	<0.01	<0.02	<0.003	<0.02	<0.005		37 <0.02		0.04 <0.01	<0.01	<0.02
SPRING 1	2 T	9/23/98	0.03†	<0.01†	<0.01	<0.02	<0.003	<0.02	<0.005		34 <0.02		0.07 <0.01	0.01	<0.02
Other Springs/Misc.															
HEMINGW	2 T	11/3/98		0.01 <0.01	<0.01	<0.02	<0.003	<0.02	<0.005	21M	<0.02		0.15 <0.01	0.01	<0.02
SACRED S	2 T	7/7/98	NA		0.01 NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
TA-18 CIS	3 T	7/8/98	NA	NA	NA	NA		0.005 NA	<0.02		14.4 NA		0.07 NA	NA	NA
	3 F	7/8/98	NA	NA	NA	NA	<0.005	NA	<0.02		15.9 NA		0.07 NA	NA	NA

2 - Paragon Laboratory
3 - CTMI Laboratory
4 - Pinnacle Laboratory
< - not detected above reporting detection limit or method detection limit
B - Analyte found in the associated blank as well as in the sample.
M - Due to the large concentration of analyte in the sample, matrix spike recoveries may not be accurate.
† - Serial dilution results suggest possible physical or chemical interference(s).
NA - Not analyzed or not applicable
T - Total fraction (non-filtered acidified sample)
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis)
§ - Hold time exceeded
Note: all samples were received by the contract laboratory at 4± +/-2± Celsius.

13.3
11.3

17

11
11.3

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SLD

12.2

ATI

11.6

Table 4a - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Radionuclides.

STATION ID			Date	3H (pCi/L)	UNC/DL	90Sr (pCi/L)	UNC/DL	U (ug/L)	UNC/DL	234U (pCi/L)	UNC/DL	235U (pCi/L)	UNC/DL	238U (pCi/L)	UNC/DL	227Ac (pCi/L)	UNC/DL
WELLS																	
DEEP AQUIFER																	
DT-5A	2	T	11/5/98	NA	-	NA	-	NA	-	0.291	0.083/0.03	0.005	0.019/0.05	0.127	0.052/0.01	NA	-
DT-9	2	T	11/5/98	NA	-	BDL	NP/0.15	NA	-	0.313	0.088/0.05	0.025	0.028/0.05	0.157	0.060/0.05	NA	-
DT-10	2	T	11/6/98	NA	-	NA	-	NA	-	0.49	0.11/0.036	0.015	0.023/0.04	0.178	0.063/0.03	NA	-
R-12 (801')	3	T	6/8/98	NA	-	1.9	0.6/1.2	NA	-	NA	-	NA	-	NA	-	NA	-
	3	F	6/8/98	NA	-	NA	-	NA	-	2	0.6/0.3	0.1	0.1/0.2	1.1	0.4/0.2	NA	-
R-12 (803')	3	T	10/15/98	NA	-	BDL	0.6/2.1	NA	-	NA	-	NA	-	NA	-	1	0.5/1.1
R-12 (810')	2	T	5/29/98	-39.58	88/140	BDL	NP/0.30	17.1	2.3/1.00	8.3	1.1/0.073	0.35	0.13/0.056	6.18	0.88/0.056	BDL	0.4/1.0
	2	F	5/29/98	NA	-	BDL	NP/0.25	3.42	0.47/0.10	1.63	0.30/0.067	0.112	0.063/0.04	1.29	0.26/0.052	NA	-
	3	T	5/29/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	BDL	0.4/1.0
R-25 (747')	3	F	9/30/98	NA	-	NA	-	3	NP/NP	0.5	0.3/0.3	0.1	0.1/0.2	0.2	0.2/0.2	NA	-
R-25 (867')	3	F	10/9/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-1	2	T	5/28/98	143	92/140	BDL	NP/0.24	1.87	0.25/0.10	1.02	0.21/0.041	0.037	0.036/0.04	0.58	0.15/0.048	NA	-
	3	F	9/1/98	NA	-	NA	-	NA	-	1.7	0.6/0.1	0.1	0.1/0.1	0.9	0.4/0.1	0.8	0.5/1.1
TW-3 (initial purge)	2		8/31/98	-21.69	160/260	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	3	F	9/1/98	NA	-	0.6	0.5/1.2	NA	-	NA	-	NA	-	NA	-	0.7	0.5/1.1
TW-4	3	F	9/1/98	NA	-	1	0.6/1.2	NA	-	NA	-	NA	-	NA	-	1.1	0.5/1.1
TW-8																	
(TIME: 13:36)	2	F	3/24/98	NA	-	BDL	NP/0.84	NA	-	NA	-	NA	-	NA	-	NA	-
(TIME: 14:15)	3	T	3/24/98	NA	-	BDL	0.3/0.6	NA	-	NA	-	NA	-	NA	-	NA	-
(TIME: 14:46)	2	F	3/24/98	NA	-	BDL	NP/0.28	NA	-	NA	-	NA	-	NA	-	NA	-
(TIME: 16:10)	2	F	3/24/98	NA	-	BDL	NP/0.29	NA	-	NA	-	NA	-	NA	-	NA	-
(TIME: 16:10)	3		3/24/98	131	164/268	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	2	F	9/2/98	NA	-	BDL	NP/0.58	NA	-	0.5	0.12/0.032	0.02	0.024/0.04	0.175	0.063/0.01	NA	-
DEPOGW4(Santa Clara Pueblo)	2	F	4/6/98	-0.1UM	0.64/0.32	NA	-	1.19	0.16/0.10	0.68	0.20/0.069	0.009	0.039/0.06	0.36	0.14/0.069	NA	-
INTERMEDIATE AQUIFER (VOLCANICS/SEDIMENTARY)																	
POI-4	3	F	9/2/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	BDL	0.4/1.1
R-12 (443')	3	F	4/13/98	NA	-	BDL	0.3/0.6	NA	-	1.4	0.6/0.3	0.1	0.1/0.2	0.9	0.4/0.2	NA	-
R-12 (464')	3	T	4/29/98	225	169/269	BDL	0.6/1.5	NA	-	NA	-	NA	-	NA	-	NA	-
	3	F	4/29/98	NA	-	NA	-	2.4	0.3/0.01	3.8	1.2/0.5	0.4	0.3/0.4	0.9	0.5/0.3	NA	-
TW-1A	2	T	5/29/98	34	89/140	BDL	NP/0.25	0.14	0.02/0.10	0.096	0.061/0.06	0.045	0.043/0.06	0.082	0.055/0.05	NA	-
TW-2A	3	F	9/1/98	NA	-	1.2	0.6/1.2	NA	-	NA	-	NA	-	NA	-	2	0.6/1.1
PERCHED CANYON-BOTTOM AQUIFER (Qal & Qbt)																	
Canada del Buey																	
CDBO-6	2	T	5/26/98	185	93/140	BDL	NP/0.22	0.36	0.05/0.10	0.249	0.099/0.04	0.106	0.065/0.06	0.16	0.080/0.06	NA	-
Los Alamos Canyon																	
LAO-0.3	3	F	9/1/98	NA	-	NA	-	NA	-	NA	-	NA	-	1	0.5/1.1	NA	-
LAO-0.6	3	F	8/31/98	NA	-	NA	-	NA	-	NA	-	NA	-	1.2	0.5/1.1	NA	-
LAO-0.91	3	F	9/3/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	BDL	0.4/1.1
LAO-1.6g	3	F	9/1/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	BDL	0.4/1.1
LAO-1.2	3	F	8/31/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	0.7	0.5/1.1
LAO-2	3	F	8/31/98	NA	-	14.1	1.1/1.2	NA	-	NA	-	NA	-	NA	-	1.5	0.5/1.1
LAO-3A	3	F	8/31/98	NA	-	35.1	1.6/1.2	NA	-	NA	-	NA	-	NA	-	0.8	0.5/1.1
LAO-4.5C	3	F	8/31/98	NA	-	3	0.7/1.2	NA	-	NA	-	NA	-	NA	-	0.3	0.5/1.1
LAO-5	3	F	8/31/98	NA	-	NA	-	NA	-	NA	-	NA	-	0.8	0.5/1.1	NA	-
LAO-6A	2	T	5/14/98	11	210/350	0.92	0.27/NP	0.16	0.02/0.1	NA	-	NA	-	NA	-	NA	-
(DUPLICATE)	2	T	5/14/98	NA	-	0.8	0.26/NP	NA	-	NA	-	NA	-	NA	-	NA	-
LAO-B	3	F	8/31/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	1.2	0.5/1.1
LAUZ-1	3	F	5/5/98	NA	-	56.7	1.5/0.6	NA	-	NA	-	NA	-	NA	-	NA	-
	3	F	9/4/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	1	0.5/1.1
LAUZ-2	3	F	5/5/98	NA	-	69.4	1.6/0.6	NA	-	NA	-	NA	-	NA	-	NA	-
	3	F	9/4/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	0.7	0.5/1.1
Mortandad Canyon																	
MCO-2	2	T	8/19/98	11	87/140	0.79	0.42/NP	NA	-	0.35	0.12/0.089	0.046	0.049/0.08	0.36	0.12/0.079	NA	-
MCO-3	2	T	8/20/98	19900	2500/270	47.2	8.6/NP	NA	-	5.67	0.78/0.078	0.177	0.080/0.06	2.25	0.37/0.058	NA	-
MCO-4B	2	T	5/27/98	13600	1700/240	42.4	7.7/NP	0.95	0.13/0.10	1.44	0.28/0.078	0.084	0.059/0.07	0.29	0.11/0.063	NA	-
MCO-5	2	T	8/20/98	11800	1500/260	35.1	6.4/NP	1.26	0.21/0.10	1.18	0.24/0.081	0.03	0.037/0.06	0.48	0.13/0.047	NA	-
MCO-6	2	T	8/21/98	13600	1700/260	31.7	5.8/NP	1.67	0.27/0.10	1.46	0.25/0.051	0.059	0.043/0.05	0.4	0.11/0.051	NA	-
MCO-7	2	T	8/21/98	16800	2100/260	0.89	0.42/NP	NA	-	NA	-	NA	-	NA	-	NA	-
MCO-7.5	2	T	5/28/98	18300	2300/280	BDL	NP/0.22	1.53	0.21/0.10	0.63	0.16/0.042	0.049	0.043/0.06	0.43	0.13/0.049	NA	-
MCWB-7.7B	2	T	8/26/98	NA	-	BDL	NP/0.50	NA	-	0.9	0.20/0.087	0.023	0.034/0.06	0.74	0.17/0.048	NA	-
MT-3	2	T	8/27/98	NA	-	BDL	NP/0.55	NA	-	0.83	0.19/0.079	0.053	0.048/0.07	0.85	0.19/0.084	NA	-
MT-4	2	T	5/14/98	18400	2500/570	BDL	NP/0.31	1.48	0.20/0.1	0.59	0.13/0.040	0.017	0.021/0.03	0.6	0.13/0.035	NA	-
	3	T	8/26/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	1.7	0.5/1.1
Pajarito Canyon																	
PCO-3	2	T	5/13/98	110	220/350	0.78	0.29/NP	3.76	0.51/0.1	NA	-	NA	-	NA	-	NA	-
Water Canyon																	
WELL 16-2655	2		12/15/98	118	19/10	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
WELL 16-2658	2		12/18/98	109	19/10	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
WELL 16-2659	2		12/17/98	102	19/10	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRINGS																	
Los Alamos Canyon Watershed																	
BASALT SPRING	2	F	5/29/98	-54.66	88/140	BDL	NP/0.24	0.39	0.05/0.10	0.242	0.096/0.05	0.028	0.035/0.06	0.166	0.078/0.04	NA	-
LOS ALAMOS SPRING	2	F	5/29/98	4	88/140	NA	NP/0.24	2.16	0.29/0.10	0.97	0.22/0.066	0.118	0.072/0.08	0.61	0.17/0.066	NA	-
			5/29/98	0.45UM	0.70/0.35	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
DP SPRING	3	F	5/6/98	NA	-	95	1.9/0.6	NA	-	0.3	0.2/0.2	0.1	0.1/0.2	BDL	0.1/0.2	5.7	0.7/1.0
	3	F	9/2/98	NA	-	51.6	1.9/1.2	NA	-	1	0.4/0.1	BDL	0.1/0.1	0.1	0.2/0.1	1.4	0.5/1.1
	3	F	10/6/98	NA	-	50.9	2.3/1.8	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Canyon Watershed																	
TA-18 SPRING	3	F	7/6/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
THREEMILE SPRING (B)	3	F	7/6/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Santa Clara Canyon Watershed																	
SCC-3 SPRING	3		7/16/98	27.1	188/314	BDLT	0.9/2.4	0.17F	0.01/0.01	0.4F	0.3/0.3	0.1F	0.1/0.2	0.2F	0.2/0.2	NA	-
Water Canyon Watershed																	
BURNING GROUND	2		12/16/98	89	19/10	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
CDV-5.0	3	T	2/23/98	NA	-	NA	-	0.09	0.01/0.01	0.2	0.2/0.3	0.1	0.1/0.2	0.1	0.1/0.2	NA	-
	3	T	7/1/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	0.3	0.5/1.0
MARTIN SPRING	2		12/15/98	131	19/10	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SWSC SPRING	2		12/16/98	102	19/10	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
White Rock Canyon Watershed																	
DOE SPRING	3	T	2/3/98	NA	-	NA	-	NA	-	0.2	0.2/0.2	BDL	0.1/0.1	0.2	0.2/0.2	NA	-
	2	F	9/30/98	NA	-	BDL	NP/0.49	0.07J	0.01/0.10	0.087	0.042/0.04	0.002	0.019/0.04	0.057	0.031/0.03	NA	-
SANDIA SPRING	2		9/28/98	61	170/280	BDLF	NP/0.45	NA	-	0.385F	0.086/0.03	0.016F	0.020/0.03	0.210F	0.058/0.01	1.5T	0.5/0.9
SPRING 1	3	T	4/7/98	NA	-	BDL	0.2/0.6	NA	-	NA	-	NA	-	NA	-	NA	-
	2		9/28/98	57	170/280	BDLF	NP/0.48	NA	-	1.61F	0.24/0.029	0.033F	0.031/0.05	0.93F	0.16/0.042	1.4T	0.5/0.9
SPRING 3A	2	F	9/28/98	NA	-	BDL	NP/0.45	0.68J	0.11/1.00	0.74	0.13/0.042	0.022	0.026/0.04	0.401	0.089/0.03	NA	-
Above sample not taken @ source & is considered surface water.																	
SPRING 4A	3	T	2/18/98	NA	-	NA	-	NA	-	0.6	.03/.03	BDL	0.1/0.1	0.2	0.1/0.1	NA	-
SPRING 6	2	F	9/29/98	NA	-	BDL	NP/0.46	0.18	0.03/0.10	0.187	0.056/0.02	0.006	0.017/0.03	0.139	0.047/0.02	NA	-
SPRING 6A	2	F	9/29/98	NA	-	NA	-	NA	-	0.178	0.065/0.05	0.01	0.024/0.05	0.078	0.045/0.05	NA	-
SPRING 8A	2	F	9/29/98	NA	-	BDL	NP/0.49	0.13	0.02/0.10	0.105	0.041/0.01	0.011	0.016/0.03	0.101	0.041/0.03	NA	-
SPRING 9B	3	T	2/3/98	NA	-	NA	-	NA	-	0.2	0.2/.03	BDL	0.1/0.1	BDL	0.1/0.1	NA	-
Other Springs/Misc.																	
HEMINGWAY SPRING	2	T	11/3/98	NA	-	BDL	NP/1.2	NA	-	NA	-	NA	-	NA	-	NA	-
SACRED SPR. @ SOURCE	3	T	4/14/98	NA	-	NA	-	NA	-	2.2	0.9/0.5	0.5	0.3/0.3	1.9	0.7/0.2	NA	-
TA-18 CISTERN	3	F	7/6/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-

2 - Paragon Laboratory
3 - CT&E Laboratory
UM - Tritium results provided by the University of Miami, Tritium Laboratory; all tritium samples were submitted as non-filtered and non-acidified.
NA - Not analyzed or not applicable
T - Total fraction (non-filtered acidified sample)
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis)
J - Estimated value; result between Method Detection Limit and Reporting Limit.
Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

R-9 (275' ZONE)	3		35744	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-

SC-SPECIFIC CONDUCTANCE
NA-NOT ANALYZED
*-METAL RESULTS FROM A NON-FILTERED SAMPLE &REPRESENTS TOTAL METALS

NA-NOT ANALYZED
*-METAL RESULTS FF

13.3
11.3

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NOW A NON-FILTERED SAMPLE & REPRESENTS TOTAL METALS

Table 4b - NMED DOE Oversight Bureau Ground-Water Quality Results:Dissolved and Total Radionuclides.

STATION ID		Date	238Pu (pCi/L)	UNC/DL	239/240 Pu (pCi/L)	UNC/DL	241Am (pCi/L)	UNC/DL	237Np (pCi/L)	UNC/DL	Gross Alpha (pCi/L)	UNC/DL	Gross Beta (pCi/L)	UNC/DL
WELLS														
DEEP AQUIFER														
DT-5A	2 T	11/5/98	-0.011	0.032/0.08	0.015	0.019/0.03	0.019	0.019/0.01	0.01	0.05/0.05	BDL	NP/1.4	BDL	NP/2.0
DT-9	2 T	11/5/98	0.005	0.017/0.04	0.001	0.015/0.03	0.015	0.018/0.01	0	0.05/0.06	0.94	0.52/NP	BDL	NP/1.2
DT-10	2 T	11/6/98	0.014	0.021/0.04	0.01	0.019/0.04	0.017	0.019/0.02	0	0.05/0.06	BDL	NP/1.2	BDL	NP/1.9
R-12 (803')	3 F	6/8/98	NA	-	NA	-	NA	-	NA	-	5.1	1.8/2.4	13.6	1.7/2.2
R-12 (910')	2 T	5/29/98	-0.006	0.014/0.04	0.011	0.015/0.02	0	0.017/0.05	0.04	0.051/0.09	24.1	9.2/NP	15.8	8.0/NP
	2 F	5/29/98	0.022	0.027/0.05	0.005	0.015/0.03	0.035	0.031/0.04	-0.002	0.038/0.09	2.7	1.6/NP	BDL	NP/2.0
R-25 (747')	3 F	9/30/98	NA	-	NA	-	NA	-	NA	-	0.4	0.5/0.9	4.1	0.9/1.2
R-25 (867')	3 F	10/6/98	NA	-	NA	-	NA	-	NA	-	0.6	0.5/0.9	0.3	0.8/1.3
TW-1	2 T	5/28/98	0.011	0.019/0.04	0.01	0.016/0.03	0.022	0.022/0.01	NA	-	BDL	NP/2.5	BDL	NP/3.0
TW-8	2 F	9/2/98	0.004	0.014/0.01	0.004	0.014/0.01	0.028	0.036/0.06	NA	-	NA	-	NA	-
DEPOGWI	2 F	4/6/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.4	BDL	NP/2.1
INTERMEDIATE AQUIFER (VOLCANICS/SEDIMENTARY)														
TW-1A	2 T	5/29/98	-0.004	0.022/0.06	0.119	0.059/0.03	0.014	0.026/0.05	NA	-	BDL	NP/2.5	4.9	1.8/NP
PERCHED CANYON-BOTTOM AQUIFER (Qal & Qbt)														
Canada del Buey														
CDB2-4	2 T	5/26/98	0.01	0.031/0.07	0.003	0.015/0.02	0.003	0.022/0.05	NA	-	6.7	2.0/NP	10	2.2/NP
Los Alamos Canyon														
LAO-1.2	3 F	8/21/98	NA	-	NA	-	NA	-	NA	-	BDL	0.8/1.4	5.8	1.0/1.4
LAO-6A	2 T	5/14/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/0.74	5.41	0.96/NP
Mortandad Canyon														
MCO-2	2 T	8/19/98	0.011	0.014/0.02	0.034	0.020/0.00	0.028	0.022/0.02	NA	-	NA	-	NA	-
MCO-3	2 T	8/20/98	0.7	0.13/0.078	0.145	0.049/0.04	0.425	0.096/0.05	NA	-	NA	-	NA	-
MCO-4B	2 T	5/27/98	0.025	0.025/0.04	0.026	0.023/0.02	1.27	0.22/0.083	NA	-	BDL	NP/2.6	145	15/NP
MCO-5	2 T	8/20/98	0.006	0.024/0.04	0.034	0.022/0.02	1.1	0.18/0.082	0.021	0.023/0.03	NA	-	NA	-
MCO-6	2 T	8/21/98	0.021	0.018/0.02	0.021	0.017/0.02	1.2	0.18/0.022	NA	-	NA	-	NA	-
MCO-7.5	2 T	5/28/98	0.026	0.031/0.05	0.009	0.018/0.03	0.375	0.100/0.04	NA	-	BDL	NP/2.6	40.4	4.7/NP
MT-4	2 T	5/14/98	0.021	0.031/0.06	0.015	0.023/0.04	0.282	0.083/0.03	NA	-	1.92	0.91/NP	38.2	4.0/NP
Pajarito Canyon														
PCO-3	2 T	5/13/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/6.0	6.9	4.0/NP
SPRINGS														
Los Alamos Canyon Watershed														
BASALT 1	2 F	5/29/98	0.022	0.022/0.02	0.022	0.022/0.02	0.016	0.031/0.06	NA	-	BDL	NP/2.5	8.9	2.1/NP
LOS ALAM	2 F	5/29/98	-0.006	0.017/0.04	0	0.017/0.01	0.011	0.024/0.05	NA	-	BDL	NP/2.2	BDL	NP/3.1
Pajarito Canyon Watershed														
TA-18 SPR	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.4/0.7	2.3	0.5/0.7
THREEML	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.4/0.6	3.9	0.5/0.7
Santa Clara Canyon Watershed														
SCC-3 SPR	3	7/16/98	1.4T	0.8/0.5	BLDT	0.4/0.5	0.2T	0.2/0.3	NA	-	0.8F	0.3/0.5	3.6F	0.5/0.8
Water Canyon Watershed														
CDV-5.0	3 T	2/23/98	NA	-	NA	-	NA	-	NA	-	0.3	0.4/0.6	3	0.5/0.7
White Rock Canyon Watershed														
DOE SPRI	2 F	9/30/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	BDL	NP/1.4
SANDIA SI	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	1.45	0.76/NP	1.55	0.90/NP
SPRING 1	3 T	4/7/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	2.58	0.84/NP	2.39	0.97/NP
SPRING 1b	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	3.1	0.93/NP
Above sample not taken @ source & is considered surface water.														
SPRING 6	2 F	9/29/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/0.94	1.42	0.83
SPRING 6b	2 F	9/29/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	BDL	NP/1.4
Other Springs/Misc.														
TA-18 CIS'	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.5/0.7	4.6	0.6/0.7

2 - Paragon Laboratory
3 - CT&E Laboratory
NA - Not analyzed or not applicable
T - Total fraction (non-filtered acidified sample)
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis)
Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

R-9 (275' Z	3	35744	0.8	0.3/0.2	BDL	0.1/0.2	BDL	0.1/0.2	NA	-	NA	-	NA	-

SC-SPECIFIC CONDUCTANCE
NA-NOT ANALYZED
*-METAL RESULTS FROM A NON-FILTERED SAMPLE &REPRESENTS TOTAL METALS

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11.3

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NA-NOT ANALYZED
*-METAL RESULTS FROM A NO

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N-FILTERED SAMPLE & REPRESENTS TOTAL METALS

Table 4b - NMED DOE Oversight Bureau Ground-Water Quality Results:Dissolved and Total Radionuclides.

STATION ID		Date	238Pu (pCi/L)	UNC/DL	239/240 Pu (pCi/L)	UNC/DL	241Am (pCi/L)	UNC/DL	237Np (pCi/L)	UNC/DL	Gross Alpha (pCi/L)	UNC/DL	Gross Beta (pCi/L)	UNC/DL
WELLS														
DEEP AQUIFER														
DT-5A	2 T	11/5/98	-0.011	0.032/0.08	0.015	0.019/0.03	0.019	0.019/0.01	0.01	0.05/0.05	BDL	NP/1.4	BDL	NP/2.0
DT-9	2 T	11/5/98	0.005	0.017/0.04	0.001	0.015/0.03	0.015	0.018/0.01	0	0.05/0.06	0.94	0.52/NP	BDL	NP/1.2
DT-10	2 T	11/6/98	0.014	0.021/0.04	0.01	0.019/0.04	0.017	0.019/0.02	0	0.05/0.06	BDL	NP/1.2	BDL	NP/1.9
R-12 (803')	3 F	6/8/98	NA	-	NA	-	NA	-	NA	-	5.1	1.8/2.4	13.6	1.7/2.2
R-12 (910')	2 T	5/29/98	-0.006	0.014/0.04	0.011	0.015/0.02	0	0.017/0.05	0.04	0.051/0.09	24.1	9.2/NP	15.8	8.0/NP
	2 F	5/29/98	0.022	0.027/0.05	0.005	0.015/0.03	0.035	0.031/0.04	-0.002	0.038/0.09	2.7	1.6/NP	BDL	NP/2.0
R-25 (747')	3 F	9/30/98	NA	-	NA	-	NA	-	NA	-	0.4	0.5/0.9	4.1	0.9/1.2
R-25 (867')	3 F	10/6/98	NA	-	NA	-	NA	-	NA	-	0.6	0.5/0.9	0.3	0.8/1.3
TW-1	2 T	5/28/98	0.011	0.019/0.04	0.01	0.016/0.03	0.022	0.022/0.01	NA	-	BDL	NP/2.5	BDL	NP/3.0
TW-8	2 F	9/2/98	0.004	0.014/0.01	0.004	0.014/0.01	0.028	0.036/0.06	NA	-	NA	-	NA	-
DEPOGWI	2 F	4/6/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.4	BDL	NP/2.1
INTERMEDIATE AQUIFER (VOLCANICS/SEDIMENTARY)														
TW-1A	2 T	5/29/98	-0.004	0.022/0.06	0.119	0.059/0.03	0.014	0.026/0.05	NA	-	BDL	NP/2.5	4.9	1.8/NP
PERCHED CANYON-BOTTOM AQUIFER (Qal & Qbt)														
Canada del Buey														
CDB2-4	2 T	5/26/98	0.01	0.031/0.07	0.003	0.015/0.02	0.003	0.022/0.05	NA	-	6.7	2.0/NP	10	2.2/NP
Los Alamos Canyon														
LAO-1.2	3 F	8/21/98	NA	-	NA	-	NA	-	NA	-	BDL	0.8/1.4	5.8	1.0/1.4
LAO-6A	2 T	5/14/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/0.74	5.41	0.96/NP
Mortandad Canyon														
MCO-2	2 T	8/19/98	0.011	0.014/0.02	0.034	0.020/0.00	0.028	0.022/0.02	NA	-	NA	-	NA	-
MCO-3	2 T	8/20/98	0.7	0.13/0.078	0.145	0.049/0.04	0.425	0.096/0.05	NA	-	NA	-	NA	-
MCO-4B	2 T	5/27/98	0.025	0.025/0.04	0.026	0.023/0.02	1.27	0.22/0.083	NA	-	BDL	NP/2.6	145	15/NP
MCO-5	2 T	8/20/98	0.006	0.024/0.04	0.034	0.022/0.02	1.1	0.18/0.082	0.021	0.023/0.03	NA	-	NA	-
MCO-6	2 T	8/21/98	0.021	0.018/0.02	0.021	0.017/0.02	1.2	0.18/0.022	NA	-	NA	-	NA	-
MCO-7.5	2 T	5/28/98	0.026	0.031/0.05	0.009	0.018/0.03	0.375	0.100/0.04	NA	-	BDL	NP/2.6	40.4	4.7/NP
MT-4	2 T	5/14/98	0.021	0.031/0.06	0.015	0.023/0.04	0.282	0.083/0.03	NA	-	1.92	0.91/NP	38.2	4.0/NP
Pajarito Canyon														
PCO-3	2 T	5/13/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/6.0	6.9	4.0/NP
SPRINGS														
Los Alamos Canyon Watershed														
BASALT 1	2 F	5/29/98	0.022	0.022/0.02	0.022	0.022/0.02	0.016	0.031/0.06	NA	-	BDL	NP/2.5	8.9	2.1/NP
LOS ALAM	2 F	5/29/98	-0.006	0.017/0.04	0	0.017/0.01	0.011	0.024/0.05	NA	-	BDL	NP/2.2	BDL	NP/3.1
Pajarito Canyon Watershed														
TA-18 SPR	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.4/0.7	2.3	0.5/0.7
THREEML	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.4/0.6	3.9	0.5/0.7
Santa Clara Canyon Watershed														
SCC-3 SPR	3	7/16/98	1.4T	0.8/0.5	BLDT	0.4/0.5	0.2T	0.2/0.3	NA	-	0.8F	0.3/0.5	3.6F	0.5/0.8
Water Canyon Watershed														
CDV-5.0	3 T	2/23/98	NA	-	NA	-	NA	-	NA	-	0.3	0.4/0.6	3	0.5/0.7
White Rock Canyon Watershed														
DOE SPRI	2 F	9/30/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	BDL	NP/1.4
SANDIA SI	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	1.45	0.76/NP	1.55	0.90/NP
SPRING 1	3 T	4/7/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	2.58	0.84/NP	2.39	0.97/NP
SPRING 1b	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	3.1	0.93/NP
Above sample not taken @ source & is considered surface water.														
SPRING 6	2 F	9/29/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/0.94	1.42	0.83
SPRING 6b	2 F	9/29/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	BDL	NP/1.4
Other Springs/Misc.														
TA-18 CIS'	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.5/0.7	4.6	0.6/0.7

2 - Paragon Laboratory
3 - CT&E Laboratory
NA - Not analyzed or not applicable
T - Total fraction (non-filtered acidified sample)
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis)
Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

R-9 (275' Z	3	35744	0.8	0.3/0.2	BDL	0.1/0.2	BDL	0.1/0.2	NA	-	NA	-	NA	-

SC-SPECIFIC CONDUCTANCE
NA-NOT ANALYZED
*-METAL RESULTS FROM A NON-FILTERED SAMPLE &REPRESENTS TOTAL METALS

13.3
11.3

17

11
11.3

-

12.2

11.6

NA-NOT ANALYZED
*-METAL RESULTS FROM A NO

SLD

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N-FILTERED SAMPLE & REPRESENTS TOTAL METALS

Table 4b - NMED DOE Oversight Bureau Ground-Water Quality Results:Dissolved and Total Radionuclides.

STATION ID		Date	238Pu (pCi/L)	UNC/DL	239/240 Pu (pCi/L)	UNC/DL	241Am (pCi/L)	UNC/DL	237Np (pCi/L)	UNC/DL	Gross Alpha (pCi/L)	UNC/DL	Gross Beta (pCi/L)	UNC/DL
WELLS														
DEEP AQUIFER														
DT-5A	2 T	11/5/98	-0.011	0.032/0.08	0.015	0.019/0.03	0.019	0.019/0.01	0.01	0.05/0.05	BDL	NP/1.4	BDL	NP/2.0
DT-9	2 T	11/5/98	0.005	0.017/0.04	0.001	0.015/0.03	0.015	0.018/0.01	0	0.05/0.06	0.94	0.52/NP	BDL	NP/1.2
DT-10	2 T	11/6/98	0.014	0.021/0.04	0.01	0.019/0.04	0.017	0.019/0.02	0	0.05/0.06	BDL	NP/1.2	BDL	NP/1.9
R-12 (803')	3 F	6/8/98	NA	-	NA	-	NA	-	NA	-	5.1	1.8/2.4	13.6	1.7/2.2
R-12 (910')	2 T	5/29/98	-0.006	0.014/0.04	0.011	0.015/0.02	0	0.017/0.05	0.04	0.051/0.09	24.1	9.2/NP	15.8	8.0/NP
	2 F	5/29/98	0.022	0.027/0.05	0.005	0.015/0.03	0.035	0.031/0.04	-0.002	0.038/0.09	2.7	1.6/NP	BDL	NP/2.0
R-25 (747')	3 F	9/30/98	NA	-	NA	-	NA	-	NA	-	0.4	0.5/0.9	4.1	0.9/1.2
R-25 (867')	3 F	10/6/98	NA	-	NA	-	NA	-	NA	-	0.6	0.5/0.9	0.3	0.8/1.3
TW-1	2 T	5/28/98	0.011	0.019/0.04	0.01	0.016/0.03	0.022	0.022/0.01	NA	-	BDL	NP/2.5	BDL	NP/3.0
TW-8	2 F	9/2/98	0.004	0.014/0.01	0.004	0.014/0.01	0.028	0.036/0.06	NA	-	NA	-	NA	-
DEPOGWI	2 F	4/6/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.4	BDL	NP/2.1
INTERMEDIATE AQUIFER (VOLCANICS/SEDIMENTARY)														
TW-1A	2 T	5/29/98	-0.004	0.022/0.06	0.119	0.059/0.03	0.014	0.026/0.05	NA	-	BDL	NP/2.5	4.9	1.8/NP
PERCHED CANYON-BOTTOM AQUIFER (Qal & Qbt)														
Canada del Buey														
CDB2-4	2 T	5/26/98	0.01	0.031/0.07	0.003	0.015/0.02	0.003	0.022/0.05	NA	-	6.7	2.0/NP	10	2.2/NP
Los Alamos Canyon														
LAO-1.2	3 F	8/21/98	NA	-	NA	-	NA	-	NA	-	BDL	0.8/1.4	5.8	1.0/1.4
LAO-6A	2 T	5/14/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/0.74	5.41	0.96/NP
Mortandad Canyon														
MCO-2	2 T	8/19/98	0.011	0.014/0.02	0.034	0.020/0.00	0.028	0.022/0.02	NA	-	NA	-	NA	-
MCO-3	2 T	8/20/98	0.7	0.13/0.078	0.145	0.049/0.04	0.425	0.096/0.05	NA	-	NA	-	NA	-
MCO-4B	2 T	5/27/98	0.025	0.025/0.04	0.026	0.023/0.02	1.27	0.22/0.083	NA	-	BDL	NP/2.6	145	15/NP
MCO-5	2 T	8/20/98	0.006	0.024/0.04	0.034	0.022/0.02	1.1	0.18/0.082	0.021	0.023/0.03	NA	-	NA	-
MCO-6	2 T	8/21/98	0.021	0.018/0.02	0.021	0.017/0.02	1.2	0.18/0.022	NA	-	NA	-	NA	-
MCO-7.5	2 T	5/28/98	0.026	0.031/0.05	0.009	0.018/0.03	0.375	0.100/0.04	NA	-	BDL	NP/2.6	40.4	4.7/NP
MT-4	2 T	5/14/98	0.021	0.031/0.06	0.015	0.023/0.04	0.282	0.083/0.03	NA	-	1.92	0.91/NP	38.2	4.0/NP
Pajarito Canyon														
PCO-3	2 T	5/13/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/6.0	6.9	4.0/NP
SPRINGS														
Los Alamos Canyon Watershed														
BASALT 1	2 F	5/29/98	0.022	0.022/0.02	0.022	0.022/0.02	0.016	0.031/0.06	NA	-	BDL	NP/2.5	8.9	2.1/NP
LOS ALAM	2 F	5/29/98	-0.006	0.017/0.04	0	0.017/0.01	0.011	0.024/0.05	NA	-	BDL	NP/2.2	BDL	NP/3.1
Pajarito Canyon Watershed														
TA-18 SPR	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.4/0.7	2.3	0.5/0.7
THREEML	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.4/0.6	3.9	0.5/0.7
Santa Clara Canyon Watershed														
SCC-3 SPR	3	7/16/98	1.4T	0.8/0.5	BLDT	0.4/0.5	0.2T	0.2/0.3	NA	-	0.8F	0.3/0.5	3.6F	0.5/0.8
Water Canyon Watershed														
CDV-5.0	3 T	2/23/98	NA	-	NA	-	NA	-	NA	-	0.3	0.4/0.6	3	0.5/0.7
White Rock Canyon Watershed														
DOE SPRI	2 F	9/30/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	BDL	NP/1.4
SANDIA SI	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	1.45	0.76/NP	1.55	0.90/NP
SPRING 1	3 T	4/7/98	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	2.58	0.84/NP	2.39	0.97/NP
SPRING 1b	2 F	9/28/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	3.1	0.93/NP
Above sample not taken @ source & is considered surface water.														
SPRING 6	2 F	9/29/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/0.94	1.42	0.83
SPRING 6b	2 F	9/29/98	NA	-	NA	-	NA	-	NA	-	BDL	NP/1.1	BDL	NP/1.4
Other Springs/Misc.														
TA-18 CIS'	3 F	7/6/98	NA	-	NA	-	NA	-	NA	-	BDL	0.5/0.7	4.6	0.6/0.7

2 - Paragon Laboratory
3 - CT&E Laboratory
NA - Not analyzed or not applicable
T - Total fraction (non-filtered acidified sample)
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis)
Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

R-9 (275' Z	3	35744	0.8	0.3/0.2	BDL	0.1/0.2	BDL	0.1/0.2	NA	-	NA	-	NA	-

SC-SPECIFIC CONDUCTANCE
NA-NOT ANALYZED
*-METAL RESULTS FROM A NON-FILTERED SAMPLE &REPRESENTS TOTAL METALS

13.3
11.3

17

11
11.3

-

12.2

11.6

NA-NOT ANALYZED
*-METAL RESULTS FROM A NO

SLD

ATI

N-FILTERED SAMPLE & REPRESENTS TOTAL METALS

Table 9a - NMED DOE Overnight Bureau-Ground Water Quality Results: High Explosive Compounds.

WELLS AND SPRINGS

SAMPLE ID	R-25 (747)		R-25 (747)		R-26 (8927)		R-25 (1164)		R-25 (1164)		TA-16 CISTERN3		TA-16 SPRING3		THREEMILE SPRING(SE)3	
SAMPLING DATE:	9/30/96		9/30/96		10/9/96		12/9/96		12/16/96		7/8/96		7/8/96		7/8/96	
	RESULT (ug/L)		*RESULT (ug/L)		RESULT (ug/L)		*RESULT (ug/L)		*RESULT (ug/L)		*RESULT (ug/L)		*RESULT (ug/L)		*RESULT (ug/L)	
PARAMETER		DL		DL		DL		DL		DL		DL		DL		DL
2-AMINO-4,6-DNT	BDL	10	BDL	0.25	BDL	10		0.5	BDL	0.25	BDL	0.4	BDL	10	BDL	10
4-AMINO-2,6-DNT	BDL	10	BDL	1	BDL	10	0.25J	1	BDL	0.25	BDL	0.2	BDL	10	BDL	10
OCTAHYDRO-1,3,5,7-BDL		13	BDL	1	BDL	13	BDL	1	BDL	1	BDL	0.2	BDL	13	BDL	13
HEXAHYDRO-1,3,5-TRIBDL		14	0.6	0.64	BDL	14		2.5	BDL	0.64	BDL	0.2	BDL	14	BDL	14
1,3,5-TRINITROBENZENBDL		7.1	BDL	0.25	BDL	7.1	BDL	0.25	BDL	0.25	BDL	0.2	BDL	7.1	BDL	7.1
1,3-DINITROBENZENEBDL		4	BDL	0.25	BDL	4	BDL	0.25	BDL	0.25	BDL	0.2	688	4	688	4
TETRYL	BDL	44	BDL	1	BDL	44	BDL	1	BDL	1	BDL	0.6	BDL	44	BDL	44
NITROBENZENE (NB)	BDL	25	BDL	1	BDL	25	BDL	1	BDL	1	BDL	0.4	BDL	25	BDL	25
NITROGLYCERIN	BDL	50	BDL	5	BDL	50	BDL	5	BDL	5	BDL		BDL	50	BDL	50
PENTAERYTHRITOL TBDL		50	BDL	5	BDL	50	BDL	5	BDL	5	BDL	6	BDL	50	BDL	50
2,4,6-TRINITROTOLUENBDL		8.9	BDL	0.25	BDL	8.9	BDL	0.25	BDL	0.25	BDL	0.2	BDL	8.9	BDL	8.9
2,4-DINITROTOLUENE(BDL		5.7	BDL	0.25	BDL	5.7	BDL	0.25	0.63	0.25	BDL	0.2	BDL	5.7	BDL	5.7
2,6-DINITROTOLUENE(BDL		9.4	BDL	0.25	BDL	9.4	BDL	0.25	BDL	0.25	BDL	0.4	BDL	9.4	BDL	9.4
o-NITROTOLUENE (2-NBDL		12	BDL	1	BDL	12	BDL	1	BDL	1	BDL	0.4	BDL	12	BDL	12
p-NITROTOLUENE (4-NDL		8.5	BDL	1	BDL	8.5	0.99J	1	BDL	1	BDL	0.4	BDL	8.5	BDL	8.5
m-NITROTOLUENE (3-NDL		7.9	BDL	1	BDL	7.9		1.8	BDL	1	BDL	0.4	BDL	7.9	BDL	7.9

2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits
DL - Detection limit (ug/L)
* - Sample out of hold time
Note: all samples were received by the contract laboratory at 4± ºC± Celsius.

Table 9b - NMED DOE Overnight Bureau-Ground Water Quality Results: High Explosive Compounds.

WELLS AND SPRINGS

SAMPLE ID	R-25 (1164)		TA-16 CISTERN3		TA-16 SPRING3		THREEMILE SPRING(SE)3	
SAMPLING DATE:	12/16/96		7/8/96		7/8/96		7/8/96	
	*RESULT (ug/L)		RESULT (ug/L)		RESULT (ug/L)		RESULT (ug/L)	
PARAMETER		DL		DL		DL		DL
2-AMINO-4,6-DNT	BDL	0.4	BDL	10	BDL	10	BDL	10
4-AMINO-2,6-DNT	BDL	0.8	BDL	10	BDL	10	BDL	10
OCTAHYDRO-1,3,5,7-BDL		0.2	BDL	13	BDL	13	BDL	13
HEXAHYDRO-1,3,5-TRIBDL		0.2	BDL	14	BDL	14	BDL	14
1,3,5-TRINITROBENZ BDL		0.1	BDL	7.1	BDL	7.1	BDL	7.1
1,3-DINITROBENZENEBDL		0.2	688	4	118	4	688	4
TETRYL	BDL	0.6	BDL	44	BDL	44	BDL	44
NITROBENZENE (NB)	BDL	0.4	BDL	25	BDL	25	BDL	25
NITROGLYCERIN	BDL	6	BDL	50	BDL	50	BDL	50
PENTAERYTHRITOL TBDL		6	BDL	50	BDL	50	BDL	50
2,4,6-TRINITROTOLUENBDL		0.4	BDL	8.9	BDL	8.9	BDL	8.9
2,4-DINITROTOLUENE(BDL		0.4	BDL	5.7	BDL	5.7	BDL	5.7
2,6-DINITROTOLUENE(BDL		0.4	BDL	9.4	BDL	9.4	BDL	9.4
o-NITROTOLUENE (2-NBDL		0.4	BDL	12	BDL	12	BDL	12
p-NITROTOLUENE (4-NDL		0.4	BDL	8.5	BDL	8.5	BDL	8.5
m-NITROTOLUENE (3-NDL		0.4	BDL	7.9	BDL	7.9	BDL	7.9

2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits
DL - Detection limit (ug/L)
* - Sample out of hold time
Note: all samples were received by the contract laboratory at 4± ºC± Celsius.

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

u Ground-Water Quality Results: Non-Metallic Inorganics an
Field Parameters.

STATION ID	Lab	Date	TOTAL PHOS (mg/L)	NO2/NO3 AS N (mg/L)	del15N ‰	TKN (mg/L)	NH3 (mg/L)	TOC (mg/L)	CN (mg/L)	TDS (mg/L)	TSS (mg/L)	FIELD NO3 AS N (mg/L)	FIELD pH (S.U.)	FIELD SC (uS/cm)	FIELD TDS (ppm)	FIELD TEMP. (°C)
WELLS																
DEEP AQUIFER																
Monitoring/Test Wells and Boreholes																
DT-5A		8/11/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.35	103	62	21.0
DT-9		6/2/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.77	105	NA	21.4
DT-10		6/3/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.79	119	NA	19.2
R-15 (1007')		8/23/99	See Additional Table(s)													
R-25 (1407')	PIN	1/7/99	1.5	0.3	NA	1.0	0.25	NA	NA	140	3700	NA	NA	NA	NA	NA
R-25 (1507')	PIN	1/13/99	0.55	<0.1	NA	0.7	0.52	NA	NA	110§	1800	NA	NA	NA	NA	NA
R-25 (1607')	PIN	2/3/99	1.0	0.1	NA	0.6	<0.05	NA	NA	75	1600	NA	NA	NA	NA	NA
R-25 (1747')	PIN	2/12/99	NA	NA	NA	NA	NA	NA	NA	140	190	NA	NA	NA	NA	NA
R-25 (1940')	PIN	2/23/99	NA	NA	NA	NA	NA	NA	NA	NA	3800	NA	NA	NA	NA	NA
R-25 (1942')		2/26/99	See Additional Table(s)													
TW-1	CTE	5/27/99	0.02	5.4	NA	<0.1	<0.03	NA	NA	NA	NA	NA	7.77	389	NA	13.6
	PIN	5/27/99	NA	NA	22.2	NA	NA	NA	NA	280	<5	NA	7.77	389	NA	13.6
TW-2	PIN	8/11/99	<0.05	<0.05	NA	NA	<0.1	NA	NA	NA	NA	NA	8.40	132	NA	14.3
TW-3	CTE	5/27/99	NA	0.55	NA	NA	0.04	NA	NA	NA	NA	NA	7.85	159	NA	21.0
	PIN	5/27/99	NA	NA	2.3	NA	NA	NA	NA	160	<5	NA	7.85	159	NA	21.0
TW-4	CTE	5/27/99	NA	0.03	NA	NA	<0.03	NA	NA	NA	NA	NA	8.14	120	NA	11.0
	PIN	5/27/99	NA	NA	NA	NA	NA	NA	NA	62	<5	NA	8.14	120	NA	11.0
TW-8	PARA	8/3/99	0.07	<0.5	NA	<2.5	<0.1	NA	NA	NA	NA	NA	7.34	123	NA	20.6
		12/8/99	See Additional Table(s)													
INTERMEDIATE AQUIFER																
Monitoring/Test Wells and Boreholes																
R-15 (740')	PIN	7/22/99	0.32	0.4	NA	0.5	0.38	NA	NA	450	74	NA	NA	NA	NA	NA
TW-2A	CTE	5/27/99	NA	0.32	NA	NA	0.08	NA	NA	NA	NA	NA	7.52	360	NA	11.4
	PIN	5/27/99	NA	NA	40.2	NA	NA	NA	NA	230	<5	NA	7.52	360	NA	11.4
PERCHED CANYON-BOTTOM AQUIFER																
Los Alamos Canyon																
APCO-1	CTE	3/25/99	NA	9.4	NA	NA	NA	NA	NA	NA	NA	NA	5.76	475	286	5.6
	PIN	3/25/99	2.7	9.6	NA	NA	NA	NA	NA	NA	NA	NA	5.76	475	286	5.6
	PARA	3/25/99	NA	NA	34.7	NA	NA	NA	NA	NA	NA	NA	5.76	475	286	5.6
LAO-0.7		4/8/99	See Additional Table(s)													
LAO-2		4/7/99	See Additional Table(s)													
LAO-4.5C		3/25/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.19	197	118	7.4
LAO-5	CTE	3/25/99	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	202	122	8.3
	PIN	3/25/99	0.59	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	202	122	8.3
Canada del Buey																
CDBO-6	PARA	5/17/99	0.3	<0.5	NA	<2.5	<0.1	NA	NA	260	340	NA	6.92	191	115	12.9
		6/30/99	See Additional Table(s)													
		7/1/99	See Additional Table(s)													
CDBO-7	PIN	10/6/99	0.19	<0.05	NA	<0.5	<0.05	NA	NA	165	<5	NA	6.80	230	131	12.1
Mortandad Canyon																
MCO-3	PARA	4/16/99	NA	NA	3.4	NA	NA	NA	NA	NA	NA	9.1	8.03	384	NA	3.5
		12/7/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.92	563	309	4.1
MCO-5	PARA	4/15/99	NA	NA	1.7	NA	NA	NA	NA	NA	NA	42	7.28	719	NA	8.4
(Field Duplicate)	PARA	4/15/99	NA	NA	1.4	NA	NA	NA	NA	NA	NA	42	7.28	719	NA	8.4
MCO-7.5	CTE	3/26/99	NA	18.6	NA	NA	NA	NA	NA	NA	NA	19.4	NA	504	3006	9.4
	PARA	3/26/99	NA	NA	-5.5	NA	NA	NA	NA	NA	NA	42	7.28	719	NA	8.4
MT-4		12/7/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.48	562	308	9.9
Pajarito Canyon																
PCO-1		3/24/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.44	178	107	8.1
	CTE	3/26/99	NA	6.2	NA	NA	NA	NA	NA	NA	NA	NA	6.09	177	106	7.2
	PARA	3/26/99	NA	NA	4.0	NA	NA	NA	NA	NA	NA	NA	6.09	177	106	7.2
LOS ALAMOS COUNTY																
WATER SUPPLY																
G-1		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.04	147	NA	24.4
G-1A		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.88	168	NA	27.6
G-2		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.06	196	NA	29.6
G-6		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.90	152	NA	27.6
GR-4	CTE	6/9/99	NA	0.45	NA	NA	<0.03	NA	NA	NA	NA	NA	6.70	155	NA	26.0
O-1	CTE	6/9/99	NA	1.1	NA	NA	<0.03	NA	NA	NA	NA	NA	7.95	212	NA	28.0
O-4		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.99	237	NA	27.6
PM-1		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.55	233	NA	26.1
PM-2		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.37	107	NA	24.6
PM-3		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.38	234	NA	20.0
PM-4		3/26/99	See Additional Table(s)													
	CTE	6/9/99	NA	0.42	NA	NA	0.07	NA	NA	NA	NA	NA	7.00	80	NA	25.3
PM-5		3/9/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.60	138	NA	24.7
SAN ILDEFONSO PUEBLO																
WATER SUPPLY																
Eastside Artesian		7/21/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.97	370	226	15.2
Don Juan Playhouse		7/21/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.10	302	182	21.3
LA-5		7/22/99	See Additional Table(s)													
New Community		7/20/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.05	408	246	14.8
Pajarito Pump 1		7/20/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.25	1420	843	18.2
Sanchez House		7/22/99	See Additional Table(s)													
SPRINGS																
Los Alamos Canyon Watershed																
Basalt Spring		7/19/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.32	388	232	7.9
LA 5.19 Spring	CTE	3/25/99	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	6.11	193	116	7.9
Los Alamos Spring	CTE	8/19/99	0.09	2.9	NA	NA	NA	NA	NA	240	NA	NA	NA	NA	NA	NA
Pajarito Canyon Watershed																
PC Spring	PINS	6/29/99	0.06	<0.1	NA	<0.5	<0.05	NA	NA	NA	NA	NA	6.75	62	37	6.6
	CTES	6/29/99	NA	NA	NA	NA	NA	2.3	NA	78	3	NA	6.75	62	37	6.6
Bulldog Spring	CTE	2/8/99	0.04	0.78	NA	0.1	<0.03	NA	NA	110	2	NA	7.33	220	132	9.2
(Field Duplicate)	PIN	2/8/99	NA	NA	NA	NA	NA	NA	NA	66	<5	NA	7.33	220	132	9.2
	PARA	6/28/99	0.06	1.04	NA	<2.5	<0.1	NA	NA	NA	NA	NA	6.76	205	123	10.0
(Field Duplicate)	PINS	6/28/99	0.07	0.9	NA	<0.5	<0.05	NA	NA	NA	NA	NA	6.76	205	123	10.0
(Field Duplicate)	PINS	6/28/99	0.08	0.9	NA	<0.5	0.13	1.9	NA	170	3	NA	6.76	205	123	10.0
	CTES	6/28/99	NA	NA	NA	NA	NA	1.7	NA	160	2	NA	6.76	205	123	10.0
Bulldog Spring (cont.) (Field Duplicate)	CTES	6/28/99	NA	NA	NA	NA	NA	1.9	NA	170	3	NA	6.76	205	123	10.0
		12/10/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	240	132	9.3
Charlie's Spring	CTE	2/8/99	0.04	0.58	NA	0.4	<0.03	NA	NA	52	34	NA	6.78	182	109	7.9
	PINS	6/28/99	0.05	0.2	NA	<0.5	<0.05	NA	NA	NA	NA	NA	5.94	104	62	9.1
	CTES	6/28/99	NA	NA	NA	NA	NA	2.7	NA	110	2	NA	5.94	104	62	9.1
		12/10/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	76	7.5
Homestead Spring	CTE	2/8/99	0.02	0.37	NA	0.2	0.03	NA	NA	60	6	NA	6.47	92	55	6.2
	PINS	6/28/99	0.07	0.1	NA	<0.5	0.11	NA	NA	NA	NA	NA	6.20	100	60	9.4
	CTES	6/28/99	NA	NA	NA	NA	NA	2.9	NA	110	10	NA	6.20	100	60	9.4
		12/10/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84	46	7.7
Kieling Spring	CTE	2/8/99	0.037	0.58	NA	0.2	<0.03	NA	NA	96	5	NA	6.96	193	116	8.9
	PINS	6/28/99	<0.05	0.6	NA	<0.5	<0.05	NA	NA	NA	NA	NA	6.91	160	96	10.9
	CTES	6/28/99	NA	NA	NA	NA	NA	2.5	NA	150	18	NA	6.91	160	96	10.9
		12/10/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	238	130	8.1
Starmer Spring	CTE	2/8/99	0.023	0.42	NA	0.2	<0.03	NA	NA	60	4	NA	6.60	121	72	7.5
	PIN	6/28/99	0.06	0.2	NA	<0.5	<0.05	NA	NA	NA	NA	NA	6.20	104	62	9.1
	CTE	6/28/99	NA	NA	NA	NA	NA	3.0	NA	110	3	NA	6.20	104	62	9.1
		12/10/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	111	61	7.8
TA-18 Spring	PINS	6/25/99	0.06	<0.1	NA	<0.5	0.12	NA	NA	NA	NA	NA	5.85	160	NA	10.3
	CTES	6/25/99	NA	NA	NA	NA	NA	3.1	NA	190	4	NA	5.85	160	NA	10.3
		12/10/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.10	201	109	8.2
Threemile Spring (A)	PINS	6/25/99	<0.05	<0.1	NA	<0.5	0.11	NA	NA	NA	NA	NA	6.29	163	NA	9.1
	CTES	6/25/99	NA	NA	NA	NA	NA	2.3	NA	140	2	NA	6.29	163	NA	9.1
Threemile Spring (B)	PINS	6/25/99	0.05	<0.1	NA	<0.5	0.08	NA	NA	NA	NA	NA	6.21	162	NA	9.3
	CTES	6/25/99	NA	NA	NA	NA	NA	2.0	NA	140	3	NA	6.21	162	NA	9.3
Water Canyon Canyon Watershed																
Burning Ground Spring		3/24/99	See Additional Table(s)													
Martin Spring		3/22/99	See Additional Table(s)													
Peter Spring		3/24/99	See Additional Table(s)													
SWSC Spring		3/23/99	See Additional Table(s)													
Water Canyon Gallery Spring	PARA	8/3/99	0.09	<0.5	NA	<2.5	<0.1	NA	NA	NA	NA	NA	6.30	90	NA	12.6
WC-6.25 Spring	PIN	11/17/99	0.11	<0.1	NA	NA	<0.05	NA	NA	NA	NA	NA	NA	146	87	9.5
White Rock Canyon																
Ancho Spring	CTE	5/13/99	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	7.51	125	75	19.9
	PARA	5/13/99	<0.05	0.87	2.5	<2.5	0.14	NA	NA	150	<20	NA	7.51	125	75	19.9
	PINS	5/13/99	0.32	<0.05	NA	NA	<0.2	NA	NA	NA	NA	NA	7.51	125	75	19.9
	PIN	9/21/99	0.03	0.38	NA	<0.5	<0.05	NA	NA	NA	NA	NA	6.80	135	NA	20.3
DOE Spring		5/18/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.61	116	69	13.2
		9/21/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.56	144	NA	17.6
La Mesita Spring		7/19/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.55	280	168	15.1
Otowi Spring		9/20/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	442	267	16.6
Sandia Spring	PARA	8/6/99	0.08	<0.5	NA	<1	<0.1	NA	NA	NA	NA	NA	7.22	241	145	16.8
	PIN	9/20/99	0.34	0.06	NA	0.64	<0.05	NA	NA	NA	NA	NA	7.74	259	156	15.7
Spring 1	PIN	9/20/99	0.03	0.35	NA	<0.5	<0.05	NA	NA	NA	NA	NA	7.64	219	NA	18.4
ring 3 (collected at river, not source)		9/20/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.25	202	NA	19.9
Spring 3A	PARA	4/9/99	<0.05	0.93	6.0	<2.5	<0.5	NA	NA	170	<20	0.6	7.63	166	NA	19.9
Spring 3AA		9/20/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.20	171	NA	19.3
Spring 4A	PARA	4/9/99	<0.05	1.2	4.8	<2.5	<0.5	NA	NA	190	<20	NA	7.91	177	NA	20.3
		9/21/99	See Additional Table(s)													
Spring 5	CTES	5/11/99	NA	NA	NA	NA	NA	<1	<0.005	NA	NA	NA	7.62	165	99	20.9
	PARA	5/11/99	<0.05	1.12	3.5	<2.5	0.33	NA	NA	160§	<20§	NA	7.62	165	99	20.9
	PINS	5/11/99	0.30	<0.05	NA	NA	3.3	NA	NA	NA	NA	NA	7.62	165	99	20.9
		9/21/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.94	166	100	19.4
pring 5AA (pooled water at source		5/11/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	248	149	12.4
Spring 6	CTES	5/13/99	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	7.67	126	76	19.5
	PARA	5/13/99	<0.05	<0.50	NA	<2.5	<0.1	NA	NA	150	<20	NA	7.67	126	76	19.5
	PINS	5/13/99	0.28	<0.05	NA	NA	<0.4	NA	NA	NA	NA	NA	7.67	126	76	19.5
Spring 6A	PIN	9/21/99	0.03	0.32	NA	<0.5	<0.05	NA	NA	NA	NA	NA	6.22	238	142	20.7
Spring 7	PIN	9/21/99	1.96	0.35	NA	0.89	0.17	NA	NA	NA	NA	NA	6.21	138	83	20.8
Spring 8B		9/22/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.86	134	NA	17.0
Spring 9	PIN	9/22/99	0.11	0.11	NA	1.91	<0.05	NA	NA	NA	NA	NA	7.71	118	71	20.4*
Spring 9A	CTES	5/18/99	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	6.99	114	68	19.9
	PARA	5/18/99	<0.05	<0.5	NA	<2.5	<0.1	NA	NA	120	<20	NA	6.99	114	68	19.9
	PINS	5/18/99	0.17	<0.05	NA	NA	0.9	NA	NA	NA	NA	NA	6.99	114	68	19.9
Other Springs/Misc.																
Sacred Spring (at source)	PARA	7/30/99	0.38	4.2	NA	<2.5	<0.1	NA	NA	NA	NA	NA	6.94	269	160	15.5

CTE - CT&E Environmental Services, Inc.

PARA - Paragon Analytics, Inc.

PIN - Pinnacle Laboratories, Inc.

S - Samples collected in conjunction with HRMB, and all associated analytical data supplied by HRMB.

< - not detected above reporting detection limit or method detection limit

D - Sample diluted when used with a non-detect result and/or compounds identified in an analysis at a secondary dilution factor.

N - Sample diluted when used with a non-detect result and/or compounds identified in an analysis at a secondary dilution factor.

* - Temperature may not represent true ground-water temperature due to low flow conditions.

TKN - Total kjeldahl nitrogen

TOC - Total organic carbon

CN - Total Cyanide

TDS - Total dissolved solids

TSS - Total suspended solids

SC - Specific conductance

NA - Not analyzed or not applicable

§ - Hold time exceeded

Del 15/14N-NO3 - Nitrogen-isotope data provided by Global Geochemistry Corp.

Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 2 - NMED DOE Oversight Bureau Ground-Water Quality Results: Major Ion Chemistry.

STATION ID	Lab		Date	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)	ClO4 (ug/L)	Br (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	SO4 (mg/L)
WELLS														
DEEP AQUIFER														
Monitoring/Test Wells and Boreholes														
DT-5A	PIN		8/11/99	NA	NA	NA	NA	2.2	NA	NA	0.19	<1	53	2.1
	CTE		8/11/99	NA	NA	NA	NA	2	NA	NA	NA	NA	NA	NA
DT-9	CTE	F	6/2/99	8.7	2.6	0.9	11	1.9	NA	<0.5	<0.5	<10	58	1.7
DT-10	CTE	F	6/3/99	10	3.4	1.3	11	0.8	NA	<0.5	<0.5	<10	68	0.55
R-25 (1407')	PIN	F	1/7/99	13	5.1	1.9	11	8	NA	95	<0.2	<1	61	<10
R-25 (1507')	PIN	F	1/13/99	17	8	5.8	12	14	NA	0.4	<0.2	<1	53	<10
R-25 (1607')	PIN	F	2/3/99	10	3.7	1.7	11	6	NA	<0.1	<0.2	1	320	<10
R-25 (1747')	PIN	F	2/12/99	8.4	3.2	2.4	13	1.8	NA	<0.1	<0.2	<5	55	7.3
R-25 (1940')	PIN	F	2/23/99	13	5.7	2	11	1.5	NA	<0.1	<0.2	<5	55	30
TW-1	PIN	F	5/27/99	42.3	8.33	2	14	40	NA	0.31	0.61	<5	120	26
TW-2	PIN	F	8/11/99	10	2.6	<5	29	2.4	NA	NA	0.47	<5	62	<1
	CTE		8/11/99	NA	NA	NA	NA	2	NA	NA	NA	NA	NA	NA
TW-3	PIN	F	5/27/99	16.5	5.07	1	12	2.8	NA	0.22	0.68	<5	85	<5
TW-4	PIN	F	5/27/99	9.13	4.98	1	9	1.5	NA	0.25	0.35	<5	65	<5
TW-8	PIN	F	8/3/99	13	4.8	<5	12	NA	NA	NA	NA	NA	NA	NA
	PARA		8/3/99	NA	NA	NA	NA	2.2	NA	<0.2	0.14N	<10	65	2.1
	PIN		12/8/99	NA	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA
INTERMEDIATE AQUIFER														
Monitoring/Test Wells and Boreholes														
R-15 (740')	PIN	F	7/22/99	28	6.2	4.8	67	16	NA	<0.1	1.4	<5	140	64
TW-2A	PIN	F	5/27/99	37.3	6.55	2	21	49	NA	0.11	0.32	<5	100	28
PERCHED CANYON-BOTTOM AQUIFER														
Pueblo Canyon														
APCO-1	CTE		3/25/99	NA	NA	NA	NA	45	NA	<0.5	0.6	<10	140	26
	PIN	F	3/25/99	26	6.9	15	61	NA	NA	NA	NA	NA	NA	NA
Los Alamos Canyon														
LAO-0.7	PIN	F	4/8/99	21	4.2	3.6	46	97	NA	NA	NA	NA	NA	<5
LAO-2	PIN		4/7/99	NA	NA	NA	NA	63	NA	NA	NA	NA	NA	<5
LAO-5	CTE		3/25/99	NA	NA	NA	NA	29.2	NA	0.8	0.6	<10	58	11
	PIN	F	3/25/99	11	3.6	3.3	39	NA	NA	NA	NA	NA	NA	NA
Canada del Buey														
CDBO-6	PIN	F	5/17/99	16.1	3.75	2	21	NA	NA	NA	NA	NA	NA	NA
	PARA		5/17/99	NA	NA	NA	NA	19	NA	<0.2	0.17	<10	63	8.7
	PARA		6/30/99	NA	NA	NA	NA	21	NA	<0.2	0.18	NA	NA	9.3
	PARA	F	7/1/99	14	3.2	2.3	19	NA	NA	NA	NA	NA	NA	NA
CDBO-7	PIN	F	10/6/99	17	3.8	NA	20	22	NA	<0.5	0.15	NA	NA	10
Mortandad Canyon														
MCO-7.5	CTE		3/26/99	NA	NA	NA	NA	21	NA	<0.5	1.7	<10	170	17
	PIN	F	3/26/99	24	5.9	13	110	NA	NA	NA	NA	NA	NA	NA
MT-4	PIN		12/7/99	NA	NA	NA	NA	NA	280	NA	NA	NA	NA	NA
Pajarito Canyon														
PCO-1	CTE		3/26/99	NA	NA	NA	NA	21	NA	<0.5	<0.5	<10	61	9
SPRINGS														
Los Alamos Canyon Watershed														
LA 5.19 Spring	CTE		3/25/99	NA	NA	NA	NA	51	NA	1.1	0.8	<10	63	13
	PIN	F	3/25/99	13	4	4.4	36	NA	NA	NA	NA	NA	NA	NA
Los Alamos Spring	CTE	F	8/19/99	30	7.1	3.4	16	22	NA	0.6	1.0	<10	87	37
	PIN	F	8/19/99	NA	11	6	23	NA	NA	NA	NA	NA	NA	NA
Pajarito Canyon Watershed														
PC Spring	CTE	T	6/29/99	9.7	3.3	2.7	14	NA	NA	NA	NA	NA	NA	NA
	CTE	F	6/29/99	4.8	2.1	1.9	4.1	NA	NA	NA	NA	NA	NA	NA
	PIN5		6/29/99	NA	NA	NA	NA	<2	NA	0.14	<0.2	<1	35	<5
Bulldog Spring	CTE	F	2/8/99	18	4.7	3.3	22	17	NA	NA	<0.3D	<10§	77§	11
(Field Duplicate)	PIN	F	2/8/99	19	5.6	3.4	24	15	NA	1.7	<0.2	<5	70	NA
	CTE	T	6/28/99	16	4.7	2.4	21	NA	NA	NA	NA	NA	NA	NA
	CTE	F	6/28/99	15	4.3	3.1	22	NA	NA	NA	NA	NA	NA	NA
(Field Duplicate)	CTE	T	6/28/99	14	4.2	2.4	19	NA	NA	NA	NA	NA	NA	NA
(Field Duplicate)	CTE	F	6/28/99	15	4.4	3.0	22	NA	NA	NA	NA	NA	NA	NA
Bulldog Spring (cont.)	PARA		6/28/99	NA	NA	NA	NA	17	NA	<0.2	0.3	<5	72	9.9
	PIN5		6/28/99	NA	NA	NA	NA	16	NA	0.2	0.3	<1	71	14
(Field Duplicate)	PIN5		6/28/99	NA	NA	NA	NA	16	NA	0.13	0.3	<1	73	15
Charlie's Spring	CTE	F	2/8/99	13	4.1	2.6	14	17	NA	NA	<0.3D	<10§	50§	7
	CTE	T	6/28/99	7.0	2.5	1.8	8.8	NA	NA	NA	NA	NA	NA	NA
	CTE	F	6/28/99	7.4	2.6	2.2	9.8	NA	NA	NA	NA	NA	NA	NA
	PIN5		6/28/99	NA	NA	NA	NA	7	NA	0.14	<0.2	<1	44	7
	PIN	F	12/10/99	12	4.0	3.9	12	19	NA	NA	<0.1	<5	40	10
Homestead Spring	CTE	F	2/8/99	7.0	2.3	1.9	6.5	5	NA	NA	<0.5D	<10§	36§	5
	CTE	T	6/28/99	6.5	2.5	1.8	8.8	8	NA	<0.5	0.1	<10	41	9
	CTE	F	6/28/99	6.8	2.6	2.4	10.0	NA	NA	NA	NA	NA	NA	NA
	PIN5		6/28/99	NA	NA	NA	NA	8	NA	<0.1	<0.2	<1	38	8
Kieling Spring	CTE	F	2/8/99	16	4.3	3.4	18	15	NA	NA	<0.3D	<10§	73§	8
	CTE	T	6/28/99	11	3.7	2.1	15	NA	NA	NA	NA	NA	NA	NA
	CTE	F	6/28/99	12	3.6	2.8	16	NA	NA	NA	NA	NA	NA	NA
	PIN5		6/28/99	NA	NA	NA	NA	12	NA	0.33	<0.2	<1	58	12
Starmer Spring	CTE	F	2/8/99	9.8	3.2	2.4	10	11	NA	NA	0.6D	<10§	44§	7
	CTE	T	6/28/99	7.0	2.6	1.8	9.4	NA	NA	NA	NA	NA	NA	NA
	CTE	F	6/28/99	7.6	2.7	2.5	10	NA	NA	NA	NA	NA	NA	NA
	PIN5		6/28/99	NA	NA	NA	NA	7	NA	<0.1	<0.2	<1	41	7
TA-18 Spring	CTE	T	6/25/99	9.7	3.7	3.3	15	NA	NA	NA	NA	NA	NA	NA
	CTE	F	6/25/99	9.2	3.1	3.7	16	NA	NA	NA	NA	NA	NA	NA
	PIN5		6/25/99	NA	NA	NA	NA	18	NA	0.15	<0.2	<1	45	11
Threemile Spring (A)	CTE	T	6/25/99	11	3.8	2.3	16	NA	NA	NA	NA	NA	NA	NA
	CTE	F	6/25/99	9.5	3.4	2.8	15	NA	NA	NA	NA	NA	NA	NA
	PIN5		6/25/99	NA	NA	NA	NA	18	NA	0.17	<0.2	<1	38	13
Threemile Spring (B)	CTE	T	6/25/99	9.4	3.4	2.3	14	NA	NA	NA	NA	NA	NA	NA
	CTE	F	6/25/99	9.5	3.4	2.8	15	NA	NA	NA	NA	NA	NA	NA
	PIN5		6/25/99	NA	NA	NA	NA	18	NA	0.14	<0.2	<1	45	14
Water Canyon Watershed														
Water Canyon Gallery Spring	PARA		8/3/99	NA	NA	NA	NA	0.74	NA	<0.2	<0.1N	<10	41	1.3
	PIN	F	8/3/99	9.4	4.5	<5	7.6	NA	NA	NA	NA	NA	NA	NA
WC-6.25 Spring	PIN	F	11/17/99	10	3.5	4.8	16	13.5	NA	<1	NA	<5	61	2
White Rock Canyon														
Ancho Spring	CTE5	T	5/13/99	14	3.4	1.4	12	NA	NA	NA	NA	NA	NA	NA
	PIN	F	5/13/99	13.2	3.09	<1	10	NA	NA	NA	NA	NA	NA	NA
(Field Duplicate)	PARA	F	5/13/99	13	3.1	1.9	9.9	2.5	NA	<0.2	0.3	<10	63	2.8
	PIN	F	9/21/99	13	3.1	<2	10	<5	NA	<0.5	0.47	<2	74	<5
Sandia Spring	PARA		8/6/99	NA	NA	NA	NA	3.7	NA	<0.2	0.59	NA	NA	4.2
	PIN	F	8/6/99	47	3.0	<5	27	NA	NA	NA	NA	NA	NA	NA
	PIN	F	9/20/99	38	2.5	4.1	16	6	NA	<0.5	0.15	<2	130	<5
Spring 1	PIN	F	9/20/99	16	1.2	2.3	30	5	NA	<0.5	0.53	<2	102	7
Spring 3A	PARA	F	4/9/99	20	1.7	2.8	15	3.8	NA	<0.2	0.38	<10	84	4.9
Spring 4A	PARA	F	4/9/99	21	4.7	2.1	12	5.4	NA	<0.2	0.45	<10	87	6.4
Spring 5	CTE5	T	5/11/99	17	4.6	1.5	13	NA	NA	NA	NA	NA	NA	NA
	PIN	F	5/11/99	18.8	4.84	1	12	NA	NA	NA	NA	NA	NA	NA
	PARA		5/11/99	NA	NA	NA	NA	4.4	NA	<0.2	0.33	<10	78	4.7
Spring 6	CTE5	T	5/13/99	12	3.9	1.6	12	NA	NA	NA	NA	NA	NA	NA
	PIN	F	5/13/99	12.6	3.65	1	10	NA	NA	NA	NA	NA	NA	NA
	PARA		5/13/99	NA	NA	NA	NA	2.4	NA	<0.2	0.28	<10	64	2.4
Spring 6A	PIN	F	9/21/99	21	3.6	3.2	28	6	NA	<0.5	0.61	<2	65	7
Spring 7	PIN	F	9/21/99	17	2.9	2.4	13	<5	NA	<0.5	0.47	NA	NA	NA
Spring 9	PIN	F	9/22/99	10	3.0	<2.0	12	<5	NA	<0.5	2.57	<2	60	<5
Spring 9A	CTE5	T	5/18/99	11	3.2	1.2	12	NA	NA	NA	NA	NA	NA	NA
	PIN	F	5/18/99	10.8	3.06	1	11	NA	NA	NA	NA	NA	NA	NA
	PARA		5/18/99	NA	NA	NA	NA	2.1	NA	<0.2	0.38	<10	57	1.9
Other Springs/Misc.														
Sacred Spring (at source)	PIN	F	7/30/99	49	3.0	<5	26	NA	NA	NA	NA	NA	NA	NA
	PARA		7/30/99	NA	NA	NA	NA	4.1	NA	<0.2	0.42N	<10	130	15

CTE - CT&E Environmental Services, Inc.
PARA - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
5 - Samples collected in conjunction with HRMB, and all associated analytical data supplied by HRMB.
< - not detected above reporting detection limit or method detection limit.
B - Analyte found in the associated blank as well as in the sample.
NA - Not analyzed or not applicable.
T - Total fraction (non-filtered acidified sample).
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis).
§ - Hold time exceeded.

Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 3 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Trace Metals.

STATION ID	Lab	C/T	Date	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Hg (mg/L)
WELLS															
DEEP AQUIFER															
Monitoring/Test Wells and Boreholes															
DT-9	CTE	F	6/2/99	NA	0.2<10	<0.01	<0.05	0.023	NA	NA	NA	NA	NA	<0.1	NA
DT-10	CTE	F	6/3/99	NA	0.2<10	<0.01	<0.05	0.029	NA	NA	NA	NA	NA	<0.1	NA
R-25 (1407' ZONE)	PIN	F	1/7/99	<0.005	0.6	<0.005	0.085	0.022	<0.002	<0.002	<0.005	<0.005	<0.005	3.7	NA
R-25 (1507' ZONE)	PIN	F	1/13/99	<0.005	35	0.006	0.03	0.320	0.003	<0.002	0.006	0.016	0.096	170	NA
R-25 (1607' ZONE)	PIN	F	2/3/99	<0.005	0.31	<0.005	<0.01	0.025	<0.002	<0.002	<0.005	<0.005	<0.005	7.1	NA
R-25 (1747' ZONE)	PIN	F	2/12/99	NA	NA	NA	<0.01	0.025	NA	NA	NA	NA	NA	NA	NA
R-25 (1940' ZONE)	PIN	F	2/23/99	NA	NA	NA	0.01	0.063	NA	NA	NA	NA	NA	NA	NA
TW-1	PIN	F	5/27/99	NA	<0.05	0.1	<0.1	0.07	NA	NA	NA	NA	NA	0.05	NA
TW-2	PIN	F	8/11/99	NA	0.07	<0.003	<0.1	0.02	NA	NA	NA	NA	NA	NA	NA
TW-3	PIN	F	5/27/99	NA	<0.05	<0.1	<0.1	0.03	NA	NA	NA	NA	NA	0.04	NA
TW-4	PIN	F	5/27/99	NA	<0.05	0.1	<0.1	0.04	NA	NA	NA	NA	NA	<0.01	NA
TW-8	PIN	F	8/3/99	NA	<0.05	<0.003	<0.01	<0.02	NA	NA	NA	NA	NA	NA	NA
INTERMEDIATE AQUIFER															
Monitoring/Test Wells and Boreholes															
R-15 (740')	PIN	F	7/22/99	NA	12	<0.005	0.034	0.130	NA	<0.002	0.008	NA	NA	7.3	NA
TW-2A	PIN	F	5/27/99	NA	<0.05	<0.1	<0.1	0.05	NA	NA	NA	NA	NA	<0.01	NA
PERCHED CANYON-BOTTOM AQUIFER															
Los Alamos Canyon															
APCO-1	PIN	F	########	NA	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	0.053	NA
LAO-0.7	PIN	F	########	NA	0.17	NA	NA	NA	NA	NA	NA	NA	NA	0.073	NA
LAO-5	PIN	F	########	NA	0.42	NA	NA	NA	NA	NA	NA	NA	NA	0.15	NA
Canada del Buey															
CDBO-6	PIN	F	5/17/99	NA	2.58	NA	<0.1	0.10	NA	NA	NA	NA	NA	1.23	NA
	PARA	F	7/1/99	NA	<0.2	NA	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA
CDBO-7	PIN	F	10/6/99	NA	<0.1	<0.003	<0.05	0.08	NA	<0.0005	NA	NA	NA	0.047	NA
Mortandad Canyon															
MCO-7.5	PIN	F	3/26/99	NA	0.09	NA	NA	NA	NA	NA	NA	NA	NA	0.048	NA
SPRINGS															
Los Alamos Canyon Watershed															
LA 5.19 Spring	PIN	F	3/25/99	NA	0.62	NA	NA	NA	NA	NA	NA	NA	NA	0.28	NA
Los Alamos Spring	PIN	F	8/19/99	NA	<0.05	<0.1	<0.1	0.051	NA	<0.005	NA	NA	NA	<0.1	NA
Pajarito Canyon Watershed															
PC Spring	CTE	T	6/29/99	<0.0005	2.0	<0.004	NA	0.060	<0.006M	<0.001	<0.05	<0.006M	<0.02	1.3	NA
	CTE	F	6/29/99	NA	0.47	NA	<0.05	0.020	NA	NA	NA	NA	<0.02	<0.1	NA
Bulldog Spring	CTE	F	2/8/99	NA	0.3	NA	<0.05	0.070	NA	NA	NA	NA	NA	<0.1	NA
(Field Duplicate)	PIN	F	2/8/99	NA	0.49	NA	<0.01	0.066	NA	NA	NA	NA	NA	0.34	NA
	CTE	T	6/28/99	<0.0005	1.1	<0.01	NA	0.071	<0.007M	<0.007M	<0.05	<0.007M	<0.02	0.4	NA
	CTE	F	6/28/99	NA	0.6	NA	0.42	0.065	NA	NA	NA	NA	<0.02	0.1	NA
(Field Duplicate)	CTE	T	6/28/99	<0.0005	1.0	<0.01M	NA	0.065	<0.005M	<0.005M	<0.05	<0.001	<0.02	0.4	NA
(Field Duplicate)	CTE	F	6/28/99	NA	0.8	NA	0.06	0.067	NA	NA	NA	NA	<0.02	0.2	NA
Charlie's Spring	CTE	F	2/8/99	NA	0.2	NA	<0.05	0.050	NA	NA	NA	NA	NA	<0.1	NA
	PIN	F	12/10/99	NA	2.39	NA	NA	NA	NA	NA	NA	NA	NA	1.1	NA
	CTE	T	6/28/99	<0.0005	1.2	<0.004	NA	0.038	<0.006M	<0.001	<0.05	<0.001	<0.02	0.45	NA
	CTE	F	6/28/99	NA	0.6	NA	0.38	0.039	NA	NA	NA	NA	<0.02	<0.1	NA
Homestead Spring	CTE	F	2/8/99	NA	0.2	NA	<0.05	0.058	NA	NA	NA	NA	NA	<0.1	NA
	CTE	T	6/28/99	<0.0005	1.0	<0.01M	NA	0.040	<0.005M	<0.001	<0.05	<0.001	<0.02	0.41	NA
	CTE	F	6/28/99	NA	0.8	NA	<0.05	0.039	NA	NA	NA	NA	<0.02	0.19	NA
Kieling Spring	CTE	F	2/8/99	NA	0.2	NA	<0.05	0.058	NA	NA	NA	NA	NA	<0.1	NA
	CTE	T	6/28/99	<0.0005	1.0	<0.01	NA	0.057	<0.007M	<0.001	<0.05	<0.007M	<0.02	0.41	NA
	CTE	F	6/28/99	NA	0.6	NA	0.36	0.055	NA	NA	NA	NA	<0.02	0.13	NA
Starmer Spring	CTE	F	2/8/99	NA	0.2	NA	<0.05	0.041	NA	NA	NA	NA	NA	<0.1	NA
	CTE	T	6/28/99	<0.0005	1.3	<0.01M	NA	0.039	<0.005M	<0.001	<0.05	<0.001	<0.02	0.55	NA
	CTE	F	6/28/99	NA	0.8	NA	<0.05	0.040	NA	NA	NA	NA	<0.02	0.21	NA
TA-18 Spring	CTE	T	6/25/99	<0.0005	7.1	<0.004	NA	0.100	<0.006M	<0.001	<0.05	<0.001	<0.02	3.8	NA
	CTE	F	6/25/99	NA	1.1	NA	<0.05	0.089	NA	NA	NA	NA	<0.02	0.58	NA
Threemile Spring (A)	CTE	T	6/25/99	<0.0005	2.2	<0.004	NA	0.048	<0.006M	<0.001	<0.05	<0.001	<0.02	0.71	NA
	CTE	F	6/25/99	NA	0.87	NA	0.07	0.058	NA	NA	NA	NA	<0.02	0.36	NA
Threemile Spring (B)	CTE	T	6/25/99	<0.0005	1.5	<0.004	NA	0.057	<0.004M	<0.001	<0.05	<0.001	<0.02	0.68	NA
	CTE	F	6/25/99	NA	0.64	NA	<0.05	0.062	NA	NA	NA	NA	<0.02	0.16	NA
Water Canyon Watershed															
Water Canyon Gallery Spring	PIN	F	8/3/99	NA	0.13	<0.003	<0.1	<0.02	NA	NA	NA	NA	NA	NA	NA
WC-6.25 Spring	PIN	F	11/17/99	NA	2.85	NA	0.05	<.<.<.	NA	NA	NA	NA	NA	1.3	NA
White Rock Canyon															
Ancho Spring	CTE1	T	5/13/99	<0.0005	0.2	<0.01	NA	0.033	<0.001	<0.001	<0.05	<0.001	<0.02	<0.1	<0.0002
	PIN	F	5/13/99	NA	<0.05	NA	<0.1	0.02	NA	NA	NA	NA	NA	0.01	NA
(Field Duplicate)	PARA	F	5/13/99	NA	<0.2	NA	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA
	PIN	F	9/21/99	NA	<0.1	<0.003	<0.05	0.027	NA	NA	NA	NA	NA	<0.04	NA
Sandia Spring	PIN	F	8/6/99	NA	0.068	<0.003	<0.1	0.15	NA	NA	NA	NA	NA	NA	NA
	PIN	F	9/28/99	NA	<0.1	<0.003	<0.05	0.125	NA	NA	NA	NA	NA	<0.04	NA
Spring 1	PIN	F	9/28/99	NA	0.208	0.004	<0.05	0.026	NA	NA	NA	NA	NA	0.096	NA
Spring 3A	PARA	F	4/9/99	NA	<0.2	NA	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA
Spring 4A	PARA	F	4/9/99	NA	<0.2	NA	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA
Spring 5	CTE1	T	5/11/99	<0.0005	0.2	<0.01	NA	0.036	<0.001	<0.001	<0.05	<0.001	<0.02	<0.1	<0.0002
	PIN	F	5/11/99	NA	<0.05	NA	<0.1	0.03	NA	NA	NA	NA	NA	<0.01	NA
Spring 6	CTE1	T	5/13/99	<0.0005	0.2	<0.01	NA	0.036	<0.001	<0.001	<0.05	<0.001	<0.02	<0.1	<0.0002
	PIN	F	5/13/99	NA	<0.05	NA	<0.1	0.02	NA	NA	NA	NA	NA	0.01	NA
Spring 6A	PIN	F	9/21/99	NA	<0.1	<0.003	<0.05	0.035	NA	NA	NA	NA	NA	<0.04	NA
Spring 7	PIN	F	9/21/99	NA	<0.1	<0.003	<0.05	0.041	NA	NA	NA	NA	NA	<0.04	NA
Spring 9	PIN	F	9/22/99	NA	<0.1	<0.003	<0.05	0.013	NA	NA	NA	NA	NA	<0.04	NA
Spring 9A	CTE1	T	5/18/99	<0.0005	0.2	<0.01	NA	0.036	<0.001	<0.001	<0.05	<0.001	<0.02	<0.1	<0.0002
	PIN	F	5/18/99	NA	<0.05	NA	<0.1	<0.02	NA	NA	NA	NA	NA	<0.01	NA
Other Springs/Misc.															
Sacred Spring (at source)	PIN	F	7/30/99	NA	<0.05	<0.003	<0.1	0.12	NA	NA	NA	NA	NA	NA	NA

CTE - CT&E Environmental Services, Inc.
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PIN - Pinnacle Laboratories, Inc.
1 - Samples collected in conjunction with HRMB, and all associated analytical data supplied by HRMB.
< - not detected above reporting detection limit or method detection limit.
B - Analyte found in the associated blank as well as in the sample.
mention of analyte in the sample, matrix spike recoveries may not be accurate.
NA - Not analyzed or not applicable.
T - Total fraction (non-filtered acidified sample).
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis).
Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 4 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Trace Metals.

STATION ID	Lab	F/T	Date	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
WELLS																
DEEP AQUIFER																
Monitoring/Test Wells and Boreholes																
DT-9	CTE	F	6/2/99	NA	0.004	NA	NA	<0.005	NA	NA	28.6	NA	<0.05	NA	NA	NA
	CTE	T	6/2/99	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
DT-10	CTE	F	6/3/99	NA	<0.003	NA	NA	NA	NA	NA	25.6	NA	<0.05	NA	NA	NA
	CTE	T	6/3/99	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
R-15 (740')	PIN	F	7/22/99	0.05	0.30	NA	NA	<0.005	<0.005	<0.005	14.3	NA	0.115	NA	NA	NA
R-25 (1407' ZONE)	PIN	F	1/7/99	<0.05	0.23	0.006	0.007	<0.005	<0.005	<0.005	21.8	<0.01	0.091	<0.01	<0.005	0.046
R-25 (1507' ZONE)	PIN	F	1/13/99	<0.05	1.6	0.064	0.071	0.018	<0.005	<0.005	5.6	<0.01	0.053	0.25	0.02	0.14
R-25 (1607' ZONE)	PIN	F	2/3/99	<0.1	0.24	0.021	0.014	<0.005	<0.005	<0.005	21.0	<0.01	0.057	<0.01	<0.005	0.17
R-25 (1747' ZONE)	PIN	F	2/12/99	NA	0.13	NA	NA	NA	NA	NA	26.1	NA	0.038	NA	NA	NA
R-25 (1940' ZONE)	PIN	F	2/23/99	NA	0.48	NA	NA	NA	NA	NA	24.9	NA	0.055	NA	NA	NA
TW-1	PIN	F	5/27/99	NA	0.024	NA	NA	NA	NA	NA	19.6	NA	0.230	NA	NA	NA
TW-2	PIN	F	8/11/99	NA	NA	NA	NA	NA	NA	NA	2.7	NA	0.044	NA	NA	NA
TW-3	PIN	F	5/27/99	NA	0.015	NA	NA	NA	NA	NA	37.0	NA	0.071	NA	NA	NA
TW-4	PIN	F	5/27/99	NA	0.022	NA	NA	NA	NA	NA	2.9	NA	0.043	NA	NA	NA
TW-8	PIN	F	8/3/99	NA	NA	NA	NA	NA	NA	NA	37	NA	0.056	NA	NA	NA
INTERMEDIATE AQUIFER																
Monitoring/Test Wells and Boreholes																
R-15 (740')	PIN	F	7/22/99	0.05	0.30	NA	NA	<0.005	<0.005	<0.005	14.3	NA	0.115	NA	NA	NA
TW-2A	PIN	F	5/27/99	NA	0.122	NA	NA	NA	NA	NA	10.5	NA	0.200	NA	NA	NA
PERCHED CANYON-BOTTOM AQUIFER																
Los Alamos Canyon																
APCO-1	PIN	F	3/25/99	NA	0.26	NA	NA	NA	NA	NA	58.0	NA	0.100	NA	NA	NA
LAO-0.7	PIN	F	4/8/99	NA	0.1	NA	NA	NA	NA	NA	20.8	NA	0.140	NA	NA	NA
LAO-5	PIN	F	3/25/99	NA	<0.005	NA	NA	NA	NA	NA	28.0	NA	0.079	NA	NA	NA
Canada del Buey																
CDBO-6	PIN	F	5/17/99	<0.01	0.007	NA	NA	NA	NA	NA	33.6	NA	0.104	NA	NA	NA
	PARA	F	7/1/99	NA	<0.01	<0.01	NA	NA	NA	NA	25	NA	0.096	NA	NA	NA
CDBO-7	PIN	F	10/6/99	NA	NA	<0.03	NA	<0.002	NA	<0.003	35.4	NA	NA	NA	NA	NA
Mortandad Canyon																
MCO-7.5	PIN	F	3/26/99	NA	<0.005	NA	NA	NA	NA	NA	19.1	NA	0.130	NA	NA	NA
SPRINGS																
Los Alamos Canyon Watershed																
LA 5.19 Spring	PIN	F	3/25/99	NA	<0.005	NA	NA	NA	NA	NA	23.9	NA	0.073	NA	NA	NA
Los Alamos Spring	CTE	F	8/19/99	NA	NA	NA	NA	NA	NA	NA	14.5	NA	0.17	NA	NA	NA
	PIN	F	8/19/99	NA	<0.005	NA	NA	NA	NA	NA	18	NA	0.22	NA	NA	NA
Pajarito Canyon Watershed																
PC Spring	CTE	T	6/29/99	NA	0.015	NA	<0.005	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	CTE	F	6/29/99	<0.005	<0.003	<0.01	NA	NA	NA	NA	14.1	NA	0.05	NA	NA	NA
Bulldog Spring	CTE	F	2/8/99	0.006	<0.003	NA	NA	NA	NA	NA	19.5	NA	0.10	NA	NA	NA
(Field Duplicate)	PIN	F	2/8/99	<0.1	<0.005	NA	NA	NA	NA	NA	17.1	NA	0.11	NA	NA	NA
	CTE	T	6/28/99	NA	0.003	NA	<0.005	<0.005	<0.01	<0.02	NA	NA	NA	<0.1M	<0.01	<0.02
	CTE	F	6/28/99	0.005	<0.003	<0.01	NA	NA	NA	NA	17.7	NA	0.11	NA	NA	NA
(Field Duplicate)	CTE	T	6/28/99	NA	0.003	NA	<0.005	<0.005	<0.05M	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
(Field Duplicate)	CTE	F	6/28/99	0.005	<0.003	<0.01	NA	NA	NA	NA	17.5	NA	0.11	NA	NA	NA
Charlie's Spring	CTE	F	2/8/99	<0.005	<0.003	NA	NA	NA	NA	NA	17.1	NA	0.1	NA	NA	NA
	PIN	F	12/10/99	NA	0.2	NA	NA	NA	NA	NA	19.8	NA	0.057	NA	NA	NA
	CTE	T	6/28/99	NA	0.004	NA	<0.005	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	0.04
	CTE	F	6/28/99	<0.005	<0.003	<0.01	NA	NA	NA	NA	14.3	NA	0.07	NA	NA	NA
Homestead Spring	CTE	F	2/8/99	<0.005	<0.003	NA	NA	NA	NA	NA	17.1	NA	0.06	NA	NA	NA
	CTE	T	6/28/99	NA	0.005	NA	<0.005	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	CTE	F	6/28/99	<0.005	<0.003	<0.01	NA	NA	NA	NA	13.6	NA	0.06	NA	NA	NA
Kieling Spring	CTE	F	2/8/99	0.007	<0.003	NA	NA	NA	NA	NA	18.8	NA	0.10	NA	NA	NA
Kieling Spring (cont.)	CTE	T	6/28/99	NA	0.007	NA	<0.005	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	CTE	F	6/28/99	<0.005	<0.003	<0.01	NA	NA	NA	NA	14.3	NA	0.09	NA	NA	NA
Starmer Spring	CTE	F	2/8/99	<0.005	<0.003	NA	NA	NA	NA	NA	16.7	NA	0.07	NA	NA	NA
	CTE	T	6/28/99	NA	0.004	NA	<0.005	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	0.04
	CTE	F	6/28/99	<0.005	0.009	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TA-18 Spring	CTE	T	6/25/99	NA	0.050	NA	<0.005	<0.005	<0.01	<0.03	NA	NA	NA	<0.02	<0.01	<0.02
	CTE	F	6/25/99	<0.005	0.039	<0.01	NA	NA	NA	NA	13.4	NA	0.07	NA	NA	NA
Threemile Spring (A)	CTE	T	6/25/99	NA	0.004	NA	<0.005	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	CTE	F	6/25/99	<0.005	0.005	<0.01	NA	NA	NA	NA	12.8	NA	0.08	NA	NA	NA
Threemile Spring (B)	CTE	T	6/25/99	NA	0.005	NA	<0.005	<0.005	<0.01	<0.02	NA	NA	NA	<0.08M	<0.01	<0.02
	CTE	F	6/25/99	<0.005	0.004	<0.01	NA	NA	NA	NA	12.9	NA	0.08	NA	NA	NA
Water Canyon Watershed																
Water Canyon Gallery Spring	PIN	F	8/3/99	NA	NA	NA	NA	NA	NA	NA	29	NA	0.064	NA	NA	NA
WC-6.25 Spring	PIN	F	11/17/99	<1	NA	NA	NA	NA	NA	NA	27	NA	0.07	NA	NA	NA
White Rock Canyon																
Ancho Spring	CTE5	T	5/13/99	NA	0.007	NA	<0.005	<0.005	NA	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	PIN	F	5/13/99	0.02	<0.005	NA	NA	NA	NA	NA	35.2	NA	0.058	NA	NA	NA
(Field Duplicate)	PARA	F	5/13/99	0.02	<0.01	NA	NA	NA	NA	NA	33.0M	NA	0.056	NA	NA	NA
	PIN	F	9/21/99	NA	NA	NA	NA	NA	NA	NA	34.7	NA	0.062	NA	NA	NA
Sandia Spring	PIN	F	8/6/99	NA	NA	NA	NA	NA	NA	NA	32	NA	0.46	NA	NA	NA
	PIN	F	9/20/99	NA	NA	NA	NA	NA	NA	NA	20.8	NA	0.350	NA	NA	NA
Spring 1	PIN	F	9/20/99	NA	NA	NA	NA	NA	NA	NA	17.5	NA	0.210	NA	NA	NA
Spring 3A	PARA	F	4/9/99	0.021	<0.01	NA	NA	NA	NA	NA	23M	NA	0.22	NA	NA	NA
Spring 4A	PARA	F	4/9/99	0.026	<0.01	NA	NA	NA	NA	NA	32M	NA	0.097	NA	NA	NA
Spring 5	CTE5	T	5/11/99	NA	<0.003	NA	<0.005	<0.005	NA	<0.02	NA	NA	NA	<0.04	0.01	<0.02
	PIN	F	5/11/99	0.02	<0.005	NA	NA	NA	NA	NA	33.4	NA	0.087	NA	NA	NA
Spring 6	CTE5	T	5/13/99	NA	<0.003	NA	0.008	<0.005	NA	<0.02	NA	NA	NA	<0.02	0.01	<0.02
	PIN	F	5/13/99	0.02	<0.005	NA	NA	NA	NA	NA	36.0	NA	0.058	NA	NA	NA
Spring 6A	PIN	F	9/21/99	NA	NA	NA	NA	NA	NA	NA	29.8	NA	0.140	NA	NA	NA
Spring 7	PIN	F	9/21/99	NA	NA	NA	NA	NA	NA	NA	34.7	NA	0.092	NA	NA	NA
Spring 9	PIN	F	9/22/99	NA	NA	NA	NA	NA	NA	NA	32.4	NA	0.052	NA	NA	NA
Spring 9A	CTE5	T	5/18/99	NA	<0.003	NA	<0.005	<0.005	NA	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	PIN	F	5/18/99	0.02	<0.005	NA	NA	NA	NA	NA	35.7	NA	0.048	NA	NA	NA
Other Springs/Misc.																
Sacred Spring (at source)	PIN	F	7/30/99	NA	NA	NA	NA	NA	NA	NA	29	NA	0.52	NA	NA	NA

CTE - CT&E Environmental Services, Inc.
PARA - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
5 - Samples collected in conjunction with HRMB, and all associated analytical data supplied by HRMB.
< - not detected above reporting detection limit or method detection limit.
B - Analyte found in the associated blank as well as in the sample.
concentration of analyte in the sample, matrix spike recoveries may not be accur
† - Serial dilution results suggest possible physical or chemical interference(s).
NA - Not analyzed or not applicable.
T - Total fraction (non-filtered acidified sample).
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis).
§ - Hold time exceeded.
Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 5 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Radionuclides.

STATION ID	Lab	F/T	Date	H3 (pCi/L)	UNC/DL	90Sr (pCi/L)	UNC/DL	U (ug/L)	UNC/DL	234U (pCi/L)	UNC/DL	235U (pCi/L)	UNC/DL	238U (pCi/L)	UNC/DL	Gross Alpha (pCi/L)	UNC/DL	Gross Beta (pCi/L)	UNC/DL
WELLS																			
DEEP AQUIFER																			
Monitoring/Test Wells and Boreholes																			
DT-5A	PARA		8/11/99	-0.3	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	8/11/99	NA	-	NA	-	NA	-	0.69	0.47/0.5	-0.29	0.22/0.5	0.56	0.44/0.5	NA	-	NA	-
DT-9	PARA	F	6/2/99	0.03	0.6/0.3	NA	-	NA	-	0.35	0.100/0.061	0.068	0.046/0.061	0.180	0.069/0.020				
DT-10	PARA	F	6/3/99	0.3	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-1	PARA	T	5/27/99	208	26/13	0.20	0.30/0.49	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-2	PARA		8/11/99	8.2	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	8/11/99	NA	-	2.7	1.6/1	NA	-	0.62	0.45/0.5	-0.25	0.21/0.5	0.25	0.37/0.5	NA	-	NA	-
TW-3	PARA	T	5/27/99	0.1	0.6/0.3	-0.06	0.29/0.52	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-4	PARA	T	5/27/99	0.2	0.6/0.3	-0.07	0.29/0.51	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-8	PARA		8/3/99	7.8	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	8/3/99	NA	-	0.66	1.7/2	NA		0.59	0.48/0.6	-0.31	0.26/0.6	0.68	0.68/0.6	-0.75	2.1/4	3.1	2.1/3
	PARA		12/8/99	12.6	0.9/0.4	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
R-15 (1007')	PARA		8/23/99	6	13/6	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	T	8/23/99	NA	-	0.55	1.7/1	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
INTERMEDIATE AQUIFER																			
Monitoring/Test Wells and Boreholes																			
R-15 (740')	PARA		7/22/99	4243	281/140	NA	-	NA	-	NA	-	NA		NA	-	NA	-	NA	-
	PIN	T	7/22/99	NA	-	1.4	1.3/2	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	7/22/99	NA	-	NA	-	NA	-	2.4	0.54/0.33	0	0.4/0.3	2.2	0.54/0.33	NA		NA	
TW-2A	PARA	T	5/27/99	1494	96/48	0.23	0.33/0.54	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PERCHED CANYON-BOTTOM AQUIFER																			
Los Alamos Canyon																			
APCO-1	PARA		3/25/99	10	19/10	NA	-	NA	-	NA	-	NA		NA	-	NA	-	NA	-
	PIN	F	3/25/99	NA	-	0.0	0.8/0.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LAO-0.7	PARA		4/8/99	137	26/13														
	PIN	F	4/8/99			NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
LAO-2	PARA		4/7/99	172	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	T	4/7/99	NA	-	17.8	1.2/1	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LAO-5	PARA		3/25/99	93	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	T	3/25/99	NA	-	0.4	0.8/0.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	3/25/99	NA	-	0.3	0.7/0.8	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Mortandad Canyon																			
MCO-3	PARA		4/16/99	8152	543/271	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA	F	4/16/99	NA	-	16.5	3.0/0.48	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA	T	4/16/99	NA	-	15.5	2.9/0.48	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MCO-5	PARA	F	4/15/99	35011	2312/1156	40.1	7.3/0.48	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MCO-7.5	PIN	T	3/25/99	NA	-	0.0	0.8/0.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	3/25/99	NA	-	0.2	0.5/2	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA		3/26/99	13829	913/457	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Canada del Buey																			
CDBO-6	PARA	T	5/17/99	198	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	0.31	0.42/0.72	0.98	0.71/1.2
	PARA		6/30/99	180.1	10.2/5.1	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA	F	7/1/99	NA	-	-0.12	0.29/0.52	NA	-	NA	-	NA	-	NA	-	0.34	0.56/0.96	3.35	0.94/1.4
CDBO-7	PIN	T	10/6/99	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	-0.33	1.6/3	0.89	2.2/4
Pajarito Canyon																			
PCO-1	PARA		3/26/99	93	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	T	3/26/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	3/26/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
LOS ALAMOS COUNTY																			
WATER SUPPLY																			
G-1	PARA	T	3/9/99	-0.3	0.7/0.4	BDL	NP/0.16	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
G-1A	PARA	T	3/9/99	0.2	0.6/0.3	BDL	NP/0.16	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
G-2	PARA	T	3/9/99	-0.06	0.6/0.3	BDL	NP/0.15	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
G-6	PARA	T	3/9/99	NA	-	BDL	NP/0.14	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
GR-4	PARA	T	6/9/99	-0.3	0.6/0.3	0.08	0.38/0.66	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
O-1	PARA	T	6/9/99	39.9	2.6/1.3	-0.11	0.41/0.75	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
(Lab Duplicate)	PARA		6/9/99	40.6	3.2/1.6	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
(Field Duplicate)	PARA		6/9/99	41.2	3.2/1.6	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
O-4	PARA	T	3/9/99	0.3	0.6/0.3	BDL	NP/0.14	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PM-1	PARA	T	3/9/99	2.1	0.6/0.3	1.14	0.23/0.15	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
(Lab Duplicate)	PARA		3/9/99	1.8	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
(Lab Duplicate)	PARA		3/9/99	1.2	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PM-2	PARA	T	3/9/99	-0.3	0.6/0.3	0.19	0.11/0.16	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PM-3	PARA	T	3/9/99	-0.1	0.6/0.3	BDL	NP/0.14	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PM-4	PARA		3/26/99	-0.03	0.6/0.3														
	PARA	T	6/9/99	0.2	0.6/0.3	0.30	0.41/0.67	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PM-5	PARA	T	3/9/99	0.1	0.6/0.3	BDL	NP/0.15	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SAN ILDEFONSO PUEBLO																			
WATER SUPPLY																			
Eastside Artesian	PARA	T	7/21/99	NA	-	NA	-	BDL	NP/0.1	NA	-	NA	-	NA	-	NA	-	NA	-
New Community Well	PARA	T	7/20/99	8.6	0.8/0.4	NA	-	23.1	3.1/0.1	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Pump 1	PARA	T	7/20/99	NA	-	NA	-	10.5	1.4/1	NA	-	NA	-	NA	-	NA	-	NA	-
Sanchez House	PARA	T	7/22/99	13.4	0.9/0.5	-0.18	0.34/0.61	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LA-5	PARA	T	7/22/99	-0.2	0.6/0.3	0.21	0.35/0.57	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRINGS																			
Los Alamos Canyon Watershed																			
Basalt Spring	PARA	F	7/19/99	54	26/13	0.41	0.38/0.61	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Los Alamos Spring	PARA		8/19/99	0.5	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	8/19/99	NA	-	-0.04	1.3/2	NA	-	0.60	0.53/0.6	-0.20	0.24/0.6	0.16	0.40/0.6	2.5	2.1/3	2.1	2.2/4
LA 5.19 Spring	PARA	F	3/25/99	105	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	3/25/99	NA	-	0.1	0.8/0.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Canyon Watershed																			
PC Spring	PARA		6/29/99	40.6	2.6/1.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PINS	T	6/29/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	6/29/99	NA	-	NA	-	NA	-	BDL	0.1/0.2	BDL	0.1/0.2	BDL	0.1/0.2	0.1	0.3/0.5	2.7	0.5/0.7
Bulldog Spring	PARA		2/8/99	118	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
(Field Duplicate)	PARA		2/8/99	102	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA		6/28/99	94.2	6.4/3.2	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
(Field Duplicate)	PARA		6/28/99	86.5	5.7/2.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Bulldog Spring (cont.)	PINS	T	6/28/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
(Field Duplicate)	PINS	T	6/28/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	6/28/99	NA	-	NA	-	NA	-	0.3	0.2/0.2	0.1	0.1/0.2	0.3	0.2/0.2	0.5	0.6/1.0	4.0	0.6/0.9
(Field Duplicate)	CTES	T	6/28/99	NA	-	NA	-	NA	-	0.1	0.1/0.2	BDL	0.1/0.2	0.2	0.2/0.2	0.6	0.7/1.0	4.4	0.6/0.9
	PARA		12/10/99	107.9	7.0/3.5	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Charlie's Spring	PARA		2/8/99	61	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA		6/28/99	48.5	3.2/1.6	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PINS	T	6/28/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	6/28/99	NA	-	NA	-	NA	-	0.1	0.2/0.1	0.1	0.1/0.2	0.2	0.2/0.2	BDL	0.4/0.7	2.3	0.5/0.9
	PARA		12/10/99	49.2	3.2/1.6	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Homestead Spring	PARA		2/8/99	42	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA		6/28/99	48.2	3.8/1.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	T	6/28/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTE	T	6/28/99	NA	-	NA	-	NA	-	0.2	0.2/0.2	BDL	0.1/0.2	0.2	0.2/0.2	0.2	0.4/0.7	2.9	0.5/0.9
	PARA		12/10/99	36.7	2.6/1.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Kieling Spring	PARA		2/8/99	45	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA		6/28/99	84.9	5.7/2.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PINS	T	6/28/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	6/28/99	NA	-	NA	-	NA	-	BDL	0.1/0.2	0.1	0.1/0.2	BDL	0.1/0.2	1.0	0.6/1.0	5.6	0.7/1.0
	PARA		12/10/99	115.3	7.7/3.8	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Starmer Spring	PARA		2/8/99	61	26/13	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA		6/28/99	50.4	3.2/1.6	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	T	6/28/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTE	T	6/28/99	NA	-	NA	-	NA	-	BDL	0.1/0.2	BDL	0.1/0.2	0.1	0.1/0.2	0.3	0.4/0.7	2.9	0.6/0.9
	PARA		12/10/99	42.8	2.6/1.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TA-18 Spring	PARA		6/25/99	89.4	5.7/2.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PINS	T	6/25/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	6/25/99	NA	-	NA	-	NA	-	0.3	0.2/0.2	BDL	0.1/0.2	BDL	0.1/0.2	1.2	0.7/1.0	5.9	0.8/1.2
	PARA		12/10/99	58.1	3.8/1.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Threemile Spring (A)	PARA		6/25/99	78.2	5.1/2.6	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PINS	T	6/25/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	6/25/99	NA	-	NA	-	NA	-	0.1	0.2/0.2	BDL	0.1/0.2	BDL	0.1/0.2	0.2	0.5/0.8	3.3	0.6/0.9
Threemile Spring (B)	PARA		6/25/99	77.3	5.1/2.6	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	PINS	T	6/25/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	6/25/99	NA	-	NA	-	NA	-	0.1	0.2/0.2	BDL	0.1/0.2	BDL	0.1/0.2	0.2	0.5/0.8	3.6	0.6/0.9
Water Canyon Watershed																			
Burning Ground Spring	PARA		3/24/99	103.8	7.7/3.8	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Martin Spring	PARA		3/22/99	117.5	8.9/4.5	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Peter Spring	PARA		3/24/99	172.7	12.8/6.4	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SWSC Spring	PARA		3/23/99	108.6	7.7/3.8	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Water Canyon Gallery Spring	PARA		8/3/99	10.1	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	8/3/99	NA	-	NA	-	NA	-	0.43	0.39/0.5	-0.24	0.20/0.5	0.4	0.39/0.5	-0.97	1.5/3	0.92	2.0/3
WC-6.25 Spring	PARA		11/17/99	61.6	3.8/1.9	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
White Rock Canyon																			
Ancho Spring	PINS	T	5/13/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	5/13/99	NA	-	BDL	0.4/1.0	NA	-	0.1	0.2/0.1	BDL	0.1/0.1	0.1	0.1/0.1	0.2	0.6/1.0	2.3	0.5/0.8
	PARA		5/13/99	0.5	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PARA		9/21/99	4.0	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	9/21/99	NA	-	0.07	1.3/2	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
La Mesita Spring	PARA	T	7/19/99	0.1	0.6/0.3	NA	-	11.1	1.5/0.1	NA	-	NA	-	NA	-	NA	-	NA	-
Sandia Spring	PARA	F	8/6/99	0.9	0.6/0.3	BDL	NP/0.12	NA	-	0.50	0.12/0.05	0.04	0.03/0.02	0.25	0.08/0.04	0.5	1.7/3.1	1.8	2.2/3.6
	PARA		9/20/99	1.8	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	9/20/99	NA	-	-0.48	1.4/2	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 1	PARA		9/20/99	-0.2	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	9/20/99	NA	-	-0.78	1.3/2	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 3A	PARA		4/9/99	1.2	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 4A	PARA		4/9/99	0.9	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 5	PINS	T	5/11/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	5/11/99	NA	-	BDL	0.4/1.0	NA	-	0.5	0.3/0.1	0.1	0.1/0.1	0.1	0.2/0.1	1.9	0.8/1.2	5.7	0.6/0.9
	PARA		5/11/99	0.3	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 6	PINS	T	5/13/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	5/13/99	NA	-	BDL	0.4/1.0	NA	-	0.3	0.2/0.1	BDL	0.1/0.1	0.1	0.1/0.1	4.2	0.8/1.2	2.9	0.5/0.8
	PARA		5/13/99	1.2	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 6A	PARA		9/21/99	2.8	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	9/21/99	NA	-	-0.7	1.4/3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 7	PARA		9/21/99	0.9	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 9	PARA		9/22/99	0.4	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	PIN	F	9/22/99	NA	-	1.9	1.3/2	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Spring 9A	PINS	T	5/18/99	NA	-	NA	-	BDL	NP/20	NA	-	NA	-	NA	-	NA	-	NA	-
	CTES	T	5/18/99	NA	-	BDL	0.4/1.0	NA	-	0.2	0.2/0.1	0.1	0.1/0.1	0.2	0.2/0.1	BDL	0.6/1.0	1.4	0.5/0.8
	PARA		5/18/99	0.4	0.6/0.3	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Other Springs/Misc.																			
Sacred Spring (at source)	PIN	F	7/30/99	3.6	0.6/0.3	1.1	1.6/2	NA	-	1.7	0.42/0.5	-0.25	0.24/0.5	1.3	0.36/0.5	-0.28	2.3/4	2.8	2.2/3

CTE - CT&E Environmental Services, Inc.
PARA - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
S - Samples collected in conjunction with HRMB, and all associated analytical data supplied by HRMB.
UNC-Uncertainties (2 Sigma).
NA - Not analyzed or not available.
BLD-Below detection limit.
T - Total fraction (non-filtered acidified sample).
F - Filtered sample (dissolved fraction passed through a 0.45 micron filter prior to acidification and analysis).
Tritium results provided by the University of Miami, Tritium Laboratory; all tritium samples were submitted as non-filtered and non-acidified.
Note: all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 6 - NMED DOE Oversight Bureau Ground-Water Results: High Explosive Compounds.

WELLS

SAMPLE ID: / SAMPLING DATE:	DT-9 (PIN) 6/2/99 RESULT (µg/L)	DL	DT-10 (PIN) 6/3/99 RESULT (µg/L)	DL	PM-2 (PIN) 3/9/99 RESULT (µg/L)	DL	PM-4 (Zone 1) (PIN) 3/26/99 RESULT (µg/L)	DL
4-AMINO-2,6-DNT	BDL	0.4	BDL	0.4	BDL	0.4	BDL	0.4
2-AMINO-4,6-DNT	BDL	0.9	BDL	0.9	BDL	0.9	BDL	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	BDL	0.2	BDL	0.2	BDL	0.2	BDL	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	BDL	0.2	BDL	0.2	BDL	0.2	BDL	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
1,3-DINITROBENZENE (1,3-DNB)	BDL	0.2	BDL	0.2	BDL	0.2	BDL	0.2
TETRYL	BDL	0.6	BDL	0.6	BDL	0.6	BDL	0.6
NITROBENZENE (NB)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	0.4
NITROGLYCERIN	BDL	6	BDL	6	BDL	6	BDL	6
PENTAERYTHRITOL TETRANITRATE	BDL	6	BDL	6	BDL	6	BDL	6
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	BDL	0.6	BDL	0.6	BDL	0.6	BDL	0.6
2,4-DINITROTOLUENE (2,4-DNT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	0.4
2,6-DINITROTOLUENE (2,6-DNT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	0.4
2-NITROTOLUENE (2-NT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	0.4
3-NITROTOLUENE (3-NT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	0.4
4-NITROTOLUENE (4-NT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	0.4

J - Analyte detected below quantitation limits.
2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits.
DL - Detection limit (ug/L)
* - Sample out of hold time.
Unless noted otherwise, all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground-Water Results: High Explosive Compounds.

WELLS

SAMPLE ID: / SAMPLING DATE:	PM-4 (Zone 3) (PIN) 3/29/99 RESULT (µg/L)	DL	PM-5 (PIN) 3/8/99 RESULT (µg/L)	DL	R-25 (1407') (PIN) 1/7/99 RESULT (µg/L)	DL	R-25 (1407') (PARA) 1/7/99 RESULT (µg/L)	DL
4-AMINO-2,6-DNT	BDL	0.4	BDL	0.4	1.9	0.4	4	1.3
2-AMINO-4,6-DNT	BDL	0.9	BDL	0.9	BDL	0.9	8.8	1.3
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	BDL	0.2	BDL	0.2	BDL	0.2	9.6	5
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	BDL	0.2	BDL	0.2	11	0.2	58	4.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	BDL	0.1	BDL	0.1	BDL	0.1	BDL	1.3
1,3-DINITROBENZENE (1,3-DNB)	BDL	0.2	BDL	0.2	BDL	0.2	BDL	1.3
TETRYL	BDL	0.6	BDL	0.6	BDL	0.6	BDL	5
NITROBENZENE (NB)	BDL	0.4	BDL	0.4	0.84	0.4	BDL	5
NITROGLYCERIN	BDL	6	BDL	6	BDL	6	BDL	5
PENTAERYTHRITOL TETRANITRATE	BDL	6	BDL	6	BDL	6	BDL	5
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	BDL	0.6	BDL	0.6	BDL	0.6	BDL	1.3
2,4-DINITROTOLUENE (2,4-DNT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	1.3
2,6-DINITROTOLUENE (2,6-DNT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	1.3
2-NITROTOLUENE (2-NT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	5
3-NITROTOLUENE (3-NT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	5
4-NITROTOLUENE (4-NT)	BDL	0.4	BDL	0.4	BDL	0.4	BDL	5

J - Analyte detected below quantitation limits.
2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits.
DL - Detection limit (ug/L)
* - Sample out of hold time
Unless noted otherwise, all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground-Water Results: High Explosive Compounds.

WELLS

SAMPLE ID: / SAMPLING DATE:	R-25 (1507') (PIN) 1/13/99 RESULT (µg/L)	DL	R-25 (1507') (PARA) 1/13/99 1 RESULT (µg/L)	DL	R-25 (1607') (PARA) 2/3/99 RESULT (µg/L)	DL	R-25 (1607') (PIN) 2/3/99 RESULT (µg/L)	DL
4-AMINO-2,6-DNT	0.57	0.4	BDL	0.25	0.65	0.25	BDL	0.4
2-AMINO-4,6-DNT	BDL	0.9	BDL	0.25	1.8	0.25	BDL	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	BDL	0.2	BDL	1	1.9	1	2.1	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	4.2	0.2	5.9	0.04	15	0.04	11	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	BDL	0.1	BDL	0.25	BDL	0.25	BDL	0.1
1,3-DINITROBENZENE (1,3-DNB)	BDL	0.2	BDL	0.25	BDL	0.25	BDL	0.2
TETRYL	BDL	0.6	BDL	1	BDL	1	BDL	0.6
NITROBENZENE (NB)	BDL	0.4	BDL	1	BDL	1	BDL	0.4
NITROGLYCERIN	BDL	6	BDL	5	NA	-	BDL	6
PENTAERYTHRITOL TETRANITRATE	BDL	6	BDL	5	NA	-	BDL	6
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	BDL	0.6	BDL	0.25	0.35	0.25	0.63	0.6
2,4-DINITROTOLUENE (2,4-DNT)	BDL	0.4	BDL	0.25	BDL	0.25	BDL	0.4
2,6-DINITROTOLUENE (2,6-DNT)	BDL	0.4	BDL	0.25	BDL	0.25	BDL	0.4
2-NITROTOLUENE (2-NT)	BDL	0.4	BDL	1	BDL	1	3.5	0.4
3-NITROTOLUENE (3-NT)	4.9	0.4	BDL	1	BDL	1	BDL	0.4
4-NITROTOLUENE (4-NT)	BDL	0.4	BDL	1	BDL	1	BDL	0.4

J - Analyte detected below quantitation limits.
2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits.
DL - Detection limit (ug/L)
* - Sample out of hold time
1 - Sample receive at contract laboratory at 7o Celsius.
Unless noted otherwise, all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground-Water Results: High Explosive Compounds.

WELLS

SAMPLE ID: / SAMPLING DATE:	R-25 (1747') (PARA) 2/12/99 RESULT (µg/L)	DL	R-25 (1747') (PIN) 2/12/99 (Field Duplicate) RESULT (µg/L)	DL	R-25 (1940') (PIN) 2/23/99 RESULT (µg/L)	DL	R-25 (1942') (PIN) 2/26/99 RESULT (µg/L)	DL
4-AMINO-2,6-DNT	BDL	0.25	BDL	0.4	BDL *	0.4	0.6*	0.4
2-AMINO-4,6-DNT	BDL	0.25	BDL	0.9	BDL *	0.9	BDL*	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	BDL	1	BDL	0.2	BDL *	0.2	BDL*	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	BDL	0.04	0.4	0.2	0.8*	0.2	4.1*	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	BDL	0.25	BDL	0.1	BDL *	0.1	BDL*	0.1
1,3-DINITROBENZENE (1,3-DNB)	BDL	0.25	BDL	0.2	BDL *	0.2	BDL*	0.2
TETRYL	BDL	1	BDL	0.6	BDL *	0.6	BDL*	0.6
NITROBENZENE (NB)	BDL	1	BDL	0.4	BDL *	0.4	BDL*	0.4
NITROGLYCERIN	NA	-	BDL	6	BDL *	6	BDL*	6
PENTAERYTHRITOL TETRANITRATE	NA	-	BDL	6	BDL *	6	BDL*	6
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	BDL	0.25	BDL	0.6	BDL *	0.6	BDL*	0.6
2,4-DINITROTOLUENE (2,4-DNT)	BDL	0.25	BDL	0.4	BDL *	0.4	BDL*	0.4
2,6-DINITROTOLUENE (2,6-DNT)	BDL	0.25	BDL	0.4	BDL *	0.4	BDL*	0.4
2-NITROTOLUENE (2-NT)	BDL	1	BDL	0.4	BDL *	0.4	BDL*	0.4
3-NITROTOLUENE (3-NT)	BDL	1	BDL	0.4	BDL *	0.4	BDL*	0.4
4-NITROTOLUENE (4-NT)	BDL	1	BDL	0.4	BDL *	0.4	BDL*	0.4

J - Analyte detected below quantitation limits.
2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits.
DL - Detection limit (ug/L)
* - Sample out of hold time
Unless noted otherwise, all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground-Water Results: High Explosive Compounds.

SPRINGS

Pajarito Canyon Watershed

SAMPLE ID: / SAMPLING DATE:	PC Spring (PIN5) 6/29/99 RESULT (µg/L)	DL	Bulldog Spring (PIN) 2/8/99 RESULT (µg/L)	DL	Bulldog Spring (PARA) 6/28/99 RESULT (µg/L)	DL	Bulldog Spring (PIN5) 6/28/99 (Field Duplicate) RESULT (µg/L)	DL	Bulldog Spring (PIN5) 6/28/99 (Blind Duplicate) RESULT (µg/L)	DL
4-AMINO-2,6-DNT	BDL *	0.4	BDL	0.4	BDL *	0.25	BDL *	0.4	BDL *	0.4
2-AMINO-4,6-DNT	BDL *	0.9	BDL	0.9	BDL *	0.25	BDL *	0.9	BDL *	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	BDL *	0.2	BDL	0.2	1.2*	1	1.1*	0.2	0.8	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	BDL *	0.2	2.9	0.2	2.3*	0.04	2.3*	0.2	1.6	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	BDL *	0.1	BDL	0.1	BDL *	0.25	BDL *	0.1	BDL *	0.1
1,3-DINITROBENZENE (1,3-DNB)	BDL *	0.2	BDL	0.2	BDL *	0.25	BDL *	0.2	BDL *	0.2
TETRYL	BDL *	0.6	BDL	0.6	BDL *	1	BDL *	0.6	BDL *	0.6
NITROBENZENE (NB)	BDL *	0.4	BDL	0.4	BDL *	1	BDL *	0.4	BDL *	0.4
NITROGLYCERIN	NA	-	BDL	6	NA	-	NA	-	NA	-
PENTAERYTHRITOL TETRANITRATE	BDL *	6	BDL	6	NA	-	BDL *	6	BDL *	6
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	BDL *	0.6	BDL	0.6	BDL *	0.25	BDL *	0.6	BDL *	0.6
2,4-DINITROTOLUENE (2,4-DNT)	BDL *	0.4	BDL	0.4	BDL *	0.25	BDL *	0.4	BDL *	0.4
2,6-DINITROTOLUENE (2,6-DNT)	BDL *	0.4	BDL	0.4	BDL *	0.25	BDL *	0.4	BDL *	0.4
2-NITROTOLUENE (2-NT)	BDL *	0.4	BDL	0.4	BDL *	1	BDL *	0.4	BDL *	0.4
3-NITROTOLUENE (3-NT)	BDL *	0.4	BDL	0.4	BDL *	1	BDL *	0.4	BDL *	0.4
4-NITROTOLUENE (4-NT)	BDL *	0.4	BDL	0.4	BDL *	1	BDL *	0.4	BDL *	0.4

J - Analyte detected below quantitation limits.
2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
5 - Samples collected in conjunction with HRMB, and all associated analytical data supplied by HRMB.
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits
DL - Detection limit (ug/L)
* - Sample out of hold time
Unless noted otherwise, all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground-Water Results: High Explosive Compounds.

SPRINGS

Pajarito Canyon Watershed (cont.)

SAMPLE ID: / SAMPLING DATE:	Charlie's Spring (PIN) 2/8/99 RESULT (µg/L)	DL	Charlie's Spring (PIN5) 6/28/99 RESULT (µg/L)	DL	Homestead Spring (PIN) 2/8/99 RESULT (µg/L)	DL	Homestead Spring (PIN) 6/28/99 RESULT (µg/L)	DL
4-AMINO-2,6-DNT	BDL	0.4	BDL *	0.4	BDL	0.4	BDL*	0.4
2-AMINO-4,6-DNT	BDL	0.9	BDL *	0.9	BDL	0.9	BDL*	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	BDL	0.2	BDL *	0.2	BDL	0.2	BDL*	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	BDL	0.2	BDL *	0.2	BDL	0.2	BDL*	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	BDL	0.1	BDL *	0.1	BDL	0.1	BDL*	0.1
1,3-DINITROBENZENE (1,3-DNB)	BDL	0.2	BDL *	0.2	BDL	0.2	BDL*	0.2
TETRYL	BDL	0.6	BDL *	0.6	BDL	0.6	BDL*	0.6
NITROBENZENE (NB)	BDL	0.4	BDL *	0.4	BDL	0.4	BDL*	0.4
NITROGLYCERIN	BDL	6	NA	-	BDL	6	NA	-
PENTAERYTHRITOL TETRANITRATE	BDL	6	BDL *	6	BDL	6	BDL*	6
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	BDL	0.6	BDL *	0.6	BDL	0.6	BDL*	0.6
2,4-DINITROTOLUENE (2,4-DNT)	BDL	0.4	BDL *	0.4	BDL	0.4	BDL*	0.4
2,6-DINITROTOLUENE (2,6-DNT)	BDL	0.4	BDL *	0.4	BDL	0.4	BDL*	0.4
2-NITROTOLUENE (2-NT)	BDL	0.4	BDL *	0.4	BDL	0.4	BDL*	0.4
3-NITROTOLUENE (3-NT)	BDL	0.4	BDL *	0.4	BDL	0.4	BDL*	0.4
4-NITROTOLUENE (4-NT)	BDL	0.4	BDL *	0.4	BDL	0.4	BDL*	0.4

J - Analyte detected below quantitation limits.
2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
5 - Samples collected in conjunction with HRMB, and all associated analytical data supplied by HRMB.
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits
DL - Detection limit (ug/L)
* - Sample out of hold time
Unless noted otherwise, all samples were received by the contract laboratory at 4o +/-2o Celsius.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground-Water Results: High Explosiv

SPRINGS

Pajarito Canyon Waters

SAMPLE ID: / SAMPLING DATE:	Kieling Spring (PIN) 2/8/99 RESULT (µg/L)	DL
4-AMINO-2,6-DNT	0.54	0.4
2-AMINO-4,6-DNT	BDL	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	BDL	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	5.7	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	BDL	0.1
1,3-DINITROBENZENE (1,3-DNB)	BDL	0.2
TETRYL	BDL	0.6
NITROBENZENE (NB)	BDL	0.4
NITROGLYCERIN	BDL	6
PENTAERYTHRITOL TETRANITRATE	BDL	6
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	BDL	0.6
2,4-DINITROTOLUENE (2,4-DNT)	BDL	0.4
2,6-DINITROTOLUENE (2,6-DNT)	BDL	0.4
2-NITROTOLUENE (2-NT)	BDL	0.4
3-NITROTOLUENE (3-NT)	BDL	0.4
4-NITROTOLUENE (4-NT)	BDL	0.4

J - Analyte detected below quantitation limits.
2 - Paragon Laboratory
3 - CT&E Laboratory
4 - Pinnacle Laboratory
5 - Samples collected in conjunction with HRMB, and all associated analytical data supplied by HRMB.
Method Used: Modified 8330
B - Analyte found in blank
BDL - Below method detection limits
DL - Detection limit (ug/L)
* - Sample out of hold time
Unless noted otherwise, all samples were received by the contract laboratory at 4o +/-2o Celsius.

* - Modified Method 8330
NA - Not analyzed or not available
BDL - Below method detection limits
DL - Detection limit (ug/L)
§ - Sample out of hold time
? - Method detection limit not yet determined
(A) & (B) - Samples collected at two distinct discharge points
‡ - sample not received at contract laboratory at 4 degrees celsius
2 - Paragon Laboratory
3 - CT&E Laboratory
4 - American Environmental Network Laboratory
5 - Analytical Technologies Inc. Laboratory
6 - Pace Laboratory
7 - SLD laboratory
8 - Lockheed Laboratory
9 - Pinnacle Laboratory

e Compounds.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground Water Results: High Explosive Compounds.

Monitoring Well

Sample Date	10/24/2006	10/24/2006	10/24/2006
Sample Type	Normal Sample	Normal Sample	Normal Sample
Sample Number	1	2	3
1,3,5-Trinitrobenzene	ND	ND	ND
1,3-Dinitrobenzene	ND	ND	ND
2,4,6-Trinitrotoluene	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND
2-Amino-4,6-Dinitrotoluene	ND	ND	ND
2-Nitrotoluene	ND	ND	ND
3,4-Dinitrotoluene	ND	ND	ND
3-Nitrotoluene	ND	ND	ND
4-Amino-2,6-Dinitrotoluene	ND	ND	ND
4-Nitrotoluene	ND	ND	ND
HMX	ND	ND	ND
Nitrobenzene	ND	ND	ND
RDX	ND	ND	ND
Tetryl	ND	ND	ND

APPENDIX A

Results Exceeds Regulatory Limits

Water Contains Detected Analytes

Sample Date	10/24/2006	10/24/2006	10/24/2006
Sample Type	Normal Sample	Normal Sample	Normal Sample
Sample Number	1	2	3
1,1,1-Trichloroethane	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND
1,2,3-Trichloropropane	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND
1,2-Dibromoethane (EDB)	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND
1,2-Dichloroethene (total)	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND
1,3-Dichloropropene (total)	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND
2-Chlorotoluene	ND	ND	ND
2-Hexanone	ND	ND	ND
4-Chlorotoluene	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ND	ND	ND
Acetone	ND	ND	ND
Benzene	ND	ND	ND
Bromobenzene	ND	ND	ND
Bromochloromethane	ND	ND	ND
Bromodichloromethane	ND	ND	ND
Bromoform	ND	ND	ND
Bromomethane	ND	ND	ND
Carbon disulfide	ND	ND	ND
Carbon tetrachloride	ND	ND	ND
Chlorobenzene	ND	ND	ND
Chloroethane	ND	ND	ND
Chloroform	ND	ND	ND
Chloromethane	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND
Dibromochloromethane	ND	ND	ND
Dibromomethane	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND
Ethylbenzene	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND
Isopropylbenzene	ND	ND	ND
Methylene chloride	ND	ND	ND
n-Butylbenzene	ND	ND	ND
n-Propylbenzene	ND	ND	ND
Naphthalene	ND	ND	ND
sec-Butylbenzene	ND	ND	ND
Styrene	ND	ND	ND
tert-Butylbenzene	ND	ND	ND
Tetrachloroethene	ND	ND	ND
Toluene	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND
Trichloroethene	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND
Vinyl chloride	ND	ND	ND
Xylenes, total	ND	ND	ND

1 - Analyte detected in associated blank(s)
2 - Sample dilution
3 - Sample duplicate
4 - Sample collected
5 - Sample collected in conjunction with NMED, and chemical analysis being completed by NMED
Abbreviations: Qualifiers/Flags
ND - Not Detected (Below MDL)
NA - Not Analyzed/Not Available
J - Estimated Value (Below PQL)
U - Analyte not detected
Contaminant of Concern (COC) data are extracted from the current Monitoring Table, 7-31-2006.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground Water Results: High Explosive Compounds.

APPENDIX A

Results Exceeds Regulatory Limits

Water Contains Detected Analytes

Sample Date	10/24/2006	10/24/2006	10/24/2006
Sample Type	Normal Sample	Normal Sample	Normal Sample
Sample Number	1	2	3
Aluminum (total)	ND	ND	ND
Antimony (total)	ND	ND	ND
Arsenic (total)	ND	ND	ND
Barium (total)	ND	ND	ND
Beryllium (total)	ND	ND	ND
Cadmium (total)	ND	ND	ND
Calcium (total)	ND	ND	ND
Chromium (total)	ND	ND	ND
Cobalt (total)	ND	ND	ND
Copper (total)	ND	ND	ND
Iron (total)	ND	ND	ND
Lead (total)	ND	ND	ND
Magnesium (total)	ND	ND	ND
Manganese (total)	ND	ND	ND
Mercury (total)	ND	ND	ND
Nickel (total)	ND	ND	ND
Potassium (total)	ND	ND	ND
Selenium (total)	ND	ND	ND
Silver (total)	ND	ND	ND
Sodium (total)	ND	ND	ND
Thallium (total)	ND	ND	ND
Tin (total)	ND	ND	ND
Vanadium (total)	ND	ND	ND
Zinc (total)	ND	ND	ND

1 - Analyte detected in associated blank(s)
2 - Sample dilution
3 - Sample duplicate
4 - Sample collected
5 - Sample collected in conjunction with NMED, and chemical analysis being completed by NMED
Abbreviations: Qualifiers/Flags
ND - Not Detected (Below MDL)
NA - Not Analyzed/Not Available
J - Estimated Value (Below PQL)
U - Analyte not detected
Contaminant of Concern (COC) data are extracted from the current Monitoring Table, 7-31-2006.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground Water Results: High Explosive Compounds.

APPENDIX A

Results Exceeds Regulatory Limits

Water Contains Detected Analytes

Sample Date	10/24/2006	10/24/2006	10/24/2006
Sample Type	Normal Sample	Normal Sample	Normal Sample
Sample Number	1	2	3
Alkalinity, Bicarbonate (as CaCO3)	ND	ND	ND
Alkalinity, Carbonate (as CaCO3)	ND	ND	ND
Alkalinity, Hydroxide (as CaCO3)	ND	ND	ND
Alkalinity, Total (as CaCO3)	ND	ND	ND
Chloride (total)	ND	ND	ND
Fluoride (total)	ND	ND	ND
Nitrate (as N)	ND	ND	ND
Nitrate-Nitrite (as N)	ND	ND	ND
Nitrite (as N)	ND	ND	ND
Perchlorate	ND	ND	ND
Sulfate (total)	ND	ND	ND
Total Dissolved Solids (TDS)	ND	ND	ND

1 - Analyte detected in associated blank(s)
2 - Sample dilution
3 - Sample duplicate
4 - Sample collected
5 - Sample collected in conjunction with NMED, and chemical analysis being completed by NMED
Abbreviations: Qualifiers/Flags
ND - Not Detected (Below MDL)
NA - Not Analyzed/Not Available
J - Estimated Value (Below PQL)
U - Analyte not detected
Contaminant of Concern (COC) data are extracted from the current Monitoring Table, 7-31-2006.

Table 6 (cont.) - NMED DOE Oversight Bureau Ground Water Results: High Explosive Compounds.

APPENDIX A

Results Exceeds Regulatory Limits

Water Contains Detected Analytes

Sample Date	10/24/2006	10/24/2006	10/24/2006
Sample Type	Normal Sample	Normal Sample	Normal Sample
Sample Number	1	2	3
Alkalinity, Bicarbonate (as CaCO3)	ND	ND	ND
Alkalinity, Carbonate (as CaCO3)	ND	ND	ND
Alkalinity, Hydroxide (as CaCO3)	ND	ND	ND
Alkalinity, Total (as CaCO3)	ND	ND	ND
Chloride (total)	ND	ND	ND
Fluoride (total)	ND	ND	ND
Nitrate (as N)	ND	ND	ND
Nitrate-Nitrite (as N)	ND	ND	ND
Nitrite (as N)	ND	ND	ND
Perchlorate	ND	ND	ND
Sulfate (total)	ND	ND	ND
Total Dissolved Solids (TDS)	ND	ND	ND

1 - Analyte detected in associated blank(s)
2 - Sample dilution
3 - Sample duplicate
4 - Sample collected
5 - Sample collected in conjunction with NMED, and chemical analysis being completed by NMED
Abbreviations: Qualifiers/Flags
ND - Not Detected (Below MDL)
NA - Not Analyzed/Not Available
J - Estimated Value (Below PQL)
U - Analyte not detected
Contaminant of Concern (COC) data are extracted from the current Monitoring Table, 7-31-2006.

Table 7 - NMED DOE Oversight Bureau Ground-Water Quality Results: Volatile Organic Compounds.

SAMPLE ID	Bulldog Spring					
SAMPLING	2/8/99					
UNITS	ug/L	DL			ug/L	DL
PARAMETER				PARAMETER		
ACETONE	ND	10		2,2-DICHLOROPROPANE	ND	1
ACROLEIN	ND	5		2,2-DICHLOROPROPENE	NA	-
ACRYLON	ND	5		TRANS--1,3-DICHLOROPROPENE	ND	1
BENZENE	ND	1		ETHYLBENZENE	ND	1
BROMOBE	ND	1		2-HEXANONE	ND	10
BROMOCH	ND	1		HEXACHLOROBUTADIENE	ND	1
BROMODI	ND	1		IDOMETHANE	ND	1
BROMOFO	ND	1		ISOPROPYL BENZENE	ND	1
BROMOME	ND	1		p-ISOPROPYLTOLUENE	ND	1
2-BUTANO	ND	10		METHYL-t-BUTYL ETHER	ND	1
n-BUTYLB	ND	1		4-METHYL-2-PENTANONE	ND	10
sec-BUTYL	ND	1		1-METHYLNAPHTHALENE	NA	-
tert-BUTYL	ND	1		2-METHYLNAPHTHALENE	NA	-
tert-BUTYL	NA	-		4-ISOPROPYLTOLUENE	NA	-
CARBON D	ND	1		METHYLENE CHLORIDE	ND	1
CARBON T	ND	1		NAPHTHALENE	ND	1
CHLOROB	ND	1		n-PROPYLBENZENE	ND	1
CHLOROD	NA	-		PROPYLBENZENE	NA	-
CHLOROE	ND	1		STYRENE	ND	1
2-CHLORO	ND	10		1,1,1,2-TETRACHLOROETHANE	ND	1
CHLOROF	ND	1		1,1,2,2-TETRACHLOROETHANE	ND	1
CHLOROM	ND	1		TETRACHLOROETHENE	ND	1
2-CHLORO	ND	1		TETRAHYDROFURAN (THF)	NA	-
4-CHLORO	ND	1		TOLUENE	ND	1
1,2-DIBRO	ND	1		1,2,3-TRICHLOROBENZENE	ND	1
DIBROMO	ND	1		1,2,4-TRICHLOROBENZENE	ND	1
1,2-DIBRO	ND	1		1,1,1-TRICHLOROETHANE	ND	1
DIBROMO	ND	1		1,1,2-TRICHLOROETHANE	ND	1
1,2-DICHL	ND	1		TRICHLOROETHENE	ND	1
1,3-DICHL	ND	1		TRICHLOROFLUOROMETHANE	ND	1
1,4-DICHL	ND	1		1,2,3-TRICHLOROPROPANE	ND	1
DICHLORO	ND	1		TRICHLOROTRIFLUOROETHANE	ND	1
1,1-DICHL	ND	1		1,1,2-TRICHLORO-2,2,1-TRIFLUOR	NA	-
1,2-DICHL	ND	1		1,2,4-TRIMETHYLBENZENE	ND	1
1,1-DICHL	ND	1		1,3,5-TRIMETHYLBENZENE	ND	1
CIS--1,2-D	ND	1		VINYL ACETATE	ND	1
TRANS--1,	ND	1		VINYL CHLORIDE	ND	1
TRANS--1,	ND	1		o-XYLENE	ND	1
1,1-DICHL	ND	1		p- & m-XYLENE	ND	1
1,2-DICHL	ND	1		TOTAL XYLENES	NA	-
1,3-DICHL	ND	1				
CIS--1,3-D	ND	1				

DL- Detection Limit.
NA - Not analyzed or not applicable.
ND - Not detected.
Method: EPA 8260
Analytical Laboratory: Pinnacle Laboratories, Inc.

Table 1 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-1

Sample ID	Sample Location	Date	Time	Dissolved / Total	Al (mg/L)	DL	Sb (mg/L)	DL	As (mg/L)	DL	Ba (mg/L)	DL	Be (mg/L)	DL	Cd (mg/L)	DL	Ca (mg/L)	DL	Cr (mg/L)	DL
Los Alamos Canyon Watershed																				
Acid & Pueblo Canyons																				
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00	Dissolved	0.612	0.0002	0.00077	0.00002	0.00218	0.00003	0.0919	0.00003	0.0001	0.0001	0.0004	0.00004	28.2	0.01	0.00061	0.00009
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00	Total																
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Dissolved	0.0035	0.0002	0.00035	0.00002	0.00235	0.00003	0.112	0.00003	< 0.0001	0.0001	0.00008	0.00004	103	0.01	0.00337	0.00009
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Total																
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00	Dissolved	0.0445	0.0002	0.00052	0.00002	0.00114	0.00003	0.0536	0.00003	< 0.0001	0.0001	0.00008	0.00004	26.9	0.01	0.00092	0.00009
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00	Total																
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30	Dissolved	0.23	0.0002	0.00027	0.00002	0.00092	0.00003	0.0274	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	12.2	0.01	0.00022	0.00009
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30	Total																
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00	Dissolved	0.135	0.0002	0.00114	0.00002	0.00110	0.00003	0.0720	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	25.4	0.01	0.00197	0.00009
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00	Total																
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	Dissolved	0.150	0.0002	0.00112	0.00002	0.00079	0.00003	0.0262	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	9.93	0.01	0.00063	0.00009
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	Total																
PUN 0.1	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/28/00	14:00	Dissolved	0.238	0.0002	0.00029	0.00002	0.00169	0.00003	0.0863	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	37.4	0.01	0.00116	0.00009
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30	Dissolved	0.0977	0.0002	0.00185	0.00002	0.00539	0.00003	0.179	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	64.3	0.01	0.00366	0.00009
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30	Total																
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50	Dissolved	0.348	0.0002	0.00133	0.00002	0.00596	0.00003	0.17	0.00003	< 0.0001	0.0001	0.00729	0.00004	56.5	0.01	0.00319	0.00009
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50	Total																
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	Dissolved	0.143	0.0002	0.00092	0.00002	0.00703	0.00003	0.208	0.00003	< 0.0001	0.0001	0.00008	0.00004	64.9	0.01	0.00236	0.00009
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	Total																
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08	Dissolved	0.349	0.0002	0.00046	0.00002	0.00153	0.00003	0.0600	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	20.6	0.01	0.00134	0.00009
Los Alamos & Guaje Canyons																				
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	Dissolved	< 0.1	0.1	< 0.003	0.003	0.0033	0.003	0.056	0.01	< 0.0005	0.0005	< 0.0005	0.0005	27	0.1	< 0.02	0.02
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	Total	< 0.1	0.1	< 0.003	0.003	< 0.003	0.003	0.057	0.01	< 0.0005	0.0005	< 0.0005	0.0005	26	0.1	< 0.02	0.02
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	Dissolved	< 0.1	0.1	< 0.003	0.003	0.005	0.003	0.187	0.01	< 0.0005	0.0005	< 0.0005	0.0005	63	0.1	< 0.02	0.02
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	Total	2.16	0.1	< 0.003	0.003	0.0057	0.003	0.21	0.01	< 0.0005	0.0005	< 0.0005	0.0005	60	0.1	< 0.02	0.02
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45	Dissolved	0.258	0.0002	0.00020	0.00002	0.00136	0.00003	0.0889	0.00003	< 0.0001	0.0001	0.00006	0.00004	34.9	0.01	0.00120	0.00009
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	18:20 - 18:55	Dissolved	1.1	0.2	< 0.02	0.02	< 0.01	0.01	< 0.1	0.1	< 0.005	0.005	< 0.005	0.005	22	1	< 0.01	0.01
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:00 - 19:35	Dissolved	1.6	0.2	< 0.02	0.02	< 0.01	0.01	< 0.1	0.1	< 0.005	0.005	< 0.005	0.005	14	1	< 0.01	0.01
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:40 - 20:15	Dissolved	2.1	0.2	< 0.02	0.02	< 0.01	0.01	< 0.1	0.1	< 0.005	0.005	< 0.005	0.005	12	1	< 0.01	0.01
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	10:05	Dissolved	0.148	1	< 0.003	0.003	< 0.003	0.003	0.197	0.01	< 0.005	0.005	< 0.005	0.005	61	0.0001	< 0.002	0.002
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	10:05	Total	32.5	1	< 0.003	0.003	0.0092	0.003	0.682	0.01	0.0029	0.005	< 0.005	0.005	80	0.0001	< 0.002	0.002
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	09/12/00	10:33	Dissolved	0.128	0.0002	0.0005	0.00002	0.00382	0.00003	0.14		< 0.0001	0.0001	< 0.00004	0.00004	60	0.01	0.00141	0.00009
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	09/12/00	10:33	Total																
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	10:05	Dissolved	0.143	0.0002	0.00056	0.00002	0.00129	0.00003	0.0557	0.00003	< 0.0001	0.0001	0.00006	0.00004	21.1	0.01	0.00135	0.00009
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31	Dissolved	0.253	0.0002	0.00052	0.00002	0.0082	0.00003	0.302	0.00003	< 0.0001	0.0001	0.00005	0.00004	112	0.01	0.00327	0.00009
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31	Total																
Pajarito Canyon Watershed																				
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	Dissolved					< 0.01	0.01	< 0.1	0.1	< 0.005	0.005	< 0.005	0.005	6.6	1	0.01	0.01
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	Total					< 0.01	0.01	< 0.1	0.1	< 0.005	0.005	< 0.005	0.005	6.9	1	< 0.01	0.01
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	10:30	Dissolved	0.26	0.2			< 0.01	0.01	< 0.1	0.1			< 0.005	0.005	37	1	< 0.01	0.01
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	10:30	Ttl Recoverable					< 0.01	0.01	< 0.1	0.1			< 0.005	0.005			< 0.01	0.01
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	06/29/00	11:10	Dissolved	< 0.2	0.2	< 0.02	0.02	< 0.01	0.01	0.19	0.1	< 0.005	0.005	< 0.005	0.005	60	1	< 0.01	0.01
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	06/29/00	11:10	Ttl Recoverable	35	0.2	< 0.02	0.02	0.016	0.01	1.2	0.1	< 0.005	0.005	< 0.005	0.005	99	1	0.019	0.01
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/11/00	7:10	Dissolved	< 0.1	0.1	< 0.003	0.003	< 0.003	0.003	0.182	-	< 0.0005	0.0005	< 0.0005	0.0005	59	-	< 0.02	0.02
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	9:05	Dissolved	< 0.1		< 0.003		< 0.003		0.149		< 0.005		< 0.0005		53		< 0.02	
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	Dissolved																
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	Total	< 0.2	0.2	< 0.02	0.02	< 0.01	0.01	< 0.1	0.1	< 0.005	0.005	< 0.005	0.005	27	1	< 0.01	0.01
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50	Dissolved	0.0851	0.0002	0.00052	0.00002	0.00312	0.00003	0.213	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	47.9	0.01	0.00233	0.00009
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	13:00	Dissolved	0.0646	0.0002	0.00019	0.00002	0.00101	0.00003	0.0865	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	30.5	0.01	0.00117	0.00009
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	Dissolved	< 0.2	0.2			< 0.01	0.01	0.25	0.1			< 0.005	0.005	36	1	< 0.01	0.01
SR 501 Pond	State Road 501 Pond	07/24/00	9:50	Dissolved	0.193		< 0.003		0.0066		0.535		< 0.005		< 0.0005		140		< 0.02	
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	Ttl Recoverable					< 0.01	0.01	0.57	0.1			< 0.005	0.005			< 0.01	0.01
TM 3.1	Twomile Canyon @ SR 501	10/28/00	13:15	Dissolved	0.225	0.0002	0.00024	0.00002	0.00112	0.00003	0.0858	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	32.0	0.01	0.00114	0.00009
PA 8.9	Pajarito Canyon upstream from Junction with Buldog Gulch	06/15/00	15:20	Dissolved	< 0.2	0.2	< 0.02	0.02	< 0.01	0.01	0.12	0.1	< 0.005	0.005	< 0.005	0.005	33	1	< 0.01	0.01
PA 8.9	Pajarito Canyon upstream from Junction with Buldog Gulch	06/15/00	15:20	Total	< 0.2	0.2	< 0.02	0.02	< 0.01	0.01	0.12	0.1	< 0.005	0.005	< 0.005	0.005	33	1	< 0.01	0.01
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	Dissolved	< 0.2	0.2	< 0.02	0.02	< 0.01	0.01	< 0.1	0.1	< 0.005	0.005	< 0.005	0.005	24	1	< 0.01	0.01
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	Total	< 0.2	0.2	< 0.02	0.02	< 0.01	0.01	< 0.1	0.1	< 0.005	0.005	< 0.005	0.005	25	1	< 0.01	0.01
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	8:30	Dissolved	< 0.2	0.2	< 0.02	0.02	< 0.01	0.01	0.19	0.1	< 0.005	0.005	< 0.005	0.005	55	1	< 0.01	0.01
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	8:30	Ttl Recoverable	< 0.2	0.2	< 0.02	0.02	< 0.01	0.01	0.19	0.1	< 0.005	0.005	< 0.005	0.005	60	1	< 0.01	0.01
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Dissolved	0.54	0.2	< 0.02	0.02	< 0.01	0.01	0.2	0.1	< 0.005	0.005	< 0.005	0.005	56	1	< 0.01	0.01
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Ttl Recoverable	39	0.2	< 0.02	0.02	0.014	0.01	1.3	0.1	< 0.005	0.005	< 0.005	0.005	99	1	0.022	0.01
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	Dissolved	< 0.1	100	< 0.003	0.003	0.0048	0.003	0.163	0.01	< 0.005	0.005	< 0.0005	0.0005	44	0.1	< 0.02	0.02
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	Total	124	100	< 0.003	0.003	0.0062	0.003	0.467	0.01	0.006	0.005	< 0.0005	0.0005	50	0.1	< 0.02	0.02
PA@TM	Pajarito @ Two Mile Canyon	08/24/00	9:55	Dissolved	< 0.100	0.1	< 0.003	0.003	0.005	0.003	0.163	0.01	< 0.001	0.0005	< 0.001	0.0005	44	0.1	< 0.020	0.02
PA@TM	Pajarito @ Two Mile Canyon	08/24/00	9:55	Ttl Recoverable	12.400	0.1	< 0.003	0.003	0.006	0.003	0.467	0.01	0.001	0.0005	< 0.001	0.0005	50	0.1	< 0.020	0.02
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05	Dissolved	0.274	0.0002	0.00036	0.00002	0.00100	0.00003	0.0209	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	5.26	0.01	< 0.00009	0.00009
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	Dissolved	0.195	0.0002	0.00048	0.00002	0.00075	0.00003	0.0321	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	9.83	0.01	0.00013	0.00009
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	Dissolved	0.547	0.0002	0.00008	0.00002	0.00054	0.00003	0.0217	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	4.21	0.01	< 0.00009	0.00009
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00	Dissolved	0.183	0.0002	0.00042	0.00002	0.00245	0.00003	0.150	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	39.0	0.01	0.00179	0.00009
Water Canyon Watershed																				
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	Dissolved	0.200	0.0002	0.00019	0.00002	0.00099	0.00003	0.0511	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	18.5	0.01	0.00118	0.00009
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	Total	< 0.1		< 0.003		< 0.003		0.022		< 0.0005		< 0.0005		7.8		< 0.02	
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	Dissolved	< 0.1		< 0.003		< 0.003		0.021		< 0.0005	Matrix	< 0.0005		9.1		< 0.02	
WA 4.5	(incomplete record found in 9.8.00-177)	10/23/00		Dissolved	0.144	0.0002	0.00015	0.00002	0.00041	0.00003	0.0252	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	6.47	0.01	0.00064	0.00009
WA 2.9 ISCO	Water Canyon @ SR 4	10/24/00	14:41 - 15:41	Dissolved	0.312	0.0002	0.00015	0.00002	0.00060	0.00003	0.0275	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	7.86	0.01	0.00071	0.00009
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	Dissolved	0.144	0.0002	0.00015	0.00002	0.00041	0.00003	0.0252	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	6.47	0.01	0.00064	0.00009
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	Dissolved	0.365	0.0002	0.00035	0.00002	0.00130	0.00003	0.211	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	18.1	0.01	0.00124	0.00009
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40	Total	31.3	0.1	< 0.003	0.003	0.0089	0.003	0.661	0.01	0.0025	0.0005	< 0.0005	0.0005	45	0.1	< 0.02	0.02
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	14:40	Dissolved	0.947	0.0002	0.00012	0.00002	0.00040	0.00003	0.0222	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	4.73	0.01	0.00076	0.00009
Sandia Canyon Watershed																				
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41	Dissolved	0.150	0.0002	0.00041	0.00002	0.00325	0.00003	0.0218	0.00003	< 0.0001	0.0001	0.00009	0.00004	15.3	0.01	0.00691	0.00009
Mortandad Canyon Watershed																				
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55	Dissolved	0.347	0.0002	0.00057	0.00002	0.00133	0.00003	0.0220	0.00003	0.0001	0.0001	< 0.00004	0.00004	13.3	0.01	0.00076	0.00009
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50	Dissolved	0.537	0.0002	0.00036	0.00002	0.00151	0.00003	0.0502	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	11.4	0.01	0.00015	0.00009
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00	Dissolved	0.616	0.0002	0.00015	0.00002	0.00067	0.00003	0.0350	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	10.7	0.01	0.00072	0.00009
CDB @SR4 (SW)	Canada del Buey @ SR4 (Storm Water)	08/18/00		Total	64.1	0.1	< 0.003	0.003	0.008	0.003	1.28	0.01	0.011	0.0005	0.0006	0.0005	39	0.1	0.041	0.02
Rio Grande																				
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	Dissolved	0.0809	0.0002	0.00014	0.00002	0.00202	0.00003	0.0859	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	44.4	0.01	< 0.00009	0.00009
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	Total																
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	Dissolved	0.339	0.00002	0.00022	0.00002	0.00276	0.00003	0.113	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	38.8	0.01	0.00052	0.00009
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	Total																
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00	Dissolved	0.0212	0.0002	0.00016	0.00002	0.00244	0.00003	0.0694	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	33.8	0.01	< 0.00009	0.00009
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Dissolved	0.0169	0.0002	0.00019	0.00002	0.00184	0.00003	0.0923	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	39.7	0.01	< 0.00009	0.00009
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Total																
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Dissolved	0.0163	0.0002	0.00014	0.00002	0.00193	0.00003	0.0849	0.00003	< 0.0001	0.0001	< 0.00004	0.00004	40.5	0.01	< 0.00009	0.00009
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Total																

U - Result is less than the sample specific reporting limits
* = Sample was analysed beyond the required holding time
** - Value considered an estimate due to calibration failure

Table 2 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-2

Sample ID	Sample Location	Date	Time	Dissolved / Total	Co (mg/L)	Co DL	Cu (mg/L)	Cu DL	Fe (mg/L)	Fe DL	Pb (mg/L)	Pb DL	Mg (mg/L)	Mg DL	Mn (mg/L)	Mn DL	Hg (mg/L)	Hg DL	Hg Qual.	Ni (mg/L)	Ni DL
Los Alamos Canyon Watershed																					
Acid & Pueblo Canyons																					
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00	Total													< 0.002	0.002	*		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00	Dissolved	0.00100	0.00004	0.00816	0.00005	0.247	0.005	0.00171	0.00002	2.96	0.002	0.294	0.00004	< 0.00003	0.00003		0.00763	0.00006
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Total													< 0.002	0.002	*		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Dissolved	0.00010	0.00004	0.00194	0.00005	< 0.005	0.005	0.00043	0.00002	4.37	0.002	0.0136	0.00004				0.0103	0.00006
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00	Total													< 0.002	0.002	*		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00	Dissolved	0.00005	0.00004	0.00567	0.00005	< 0.005	0.005	0.00079	0.00002	2.08	0.002	0.00237	0.00004				0.00885	0.00006
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30	Total													< 0.002	0.002	*		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30	Dissolved	0.00007	0.00004	0.0036	0.00005	0.104	0.005	0.00056	0.00002	1.27	0.002	0.00424	0.00004	< 0.00003	0.00003		0.001	0.00006
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00	Total													< 0.002	0.002	*		
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00	Dissolved	0.00088	0.00004	0.00474	0.00005	0.029	0.005	0.00044	0.00002	1.76	0.002	0.289	0.00004	< 0.00003	0.00003	*	0.00888	0.00006
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	Total													< 0.002	0.002	*		
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	Dissolved	0.00005	0.00004	0.00263	0.00005	0.139	0.005	0.00061	0.00002	0.931	0.002	0.00126	0.00004				0.00119	0.00006
PUN 0.1	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon	10/28/00	14:00	Dissolved	0.00032	0.00004	0.00230	0.00005	0.066	0.005	0.00041	0.00002	6.91	0.002	0.0706	0.00004	< 0.002	0.002	*	0.00230	0.00006
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr	09/08/00	16:30	Total													< 0.002	0.002			
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr	09/08/00	16:30	Dissolved	0.00263	0.00004	0.00523	0.00005	< 0.005	0.005	0.00062	0.00002	10.3	0.002	1.37	0.00004	< 0.00003	0.00003		0.00477	0.00006
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50	Total													< 0.002	0.002			
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50	Dissolved	0.00237	0.00004	0.00435	0.00005	0.605	0.005	0.0032	0.00002	7.93	0.002	1.88	0.00004	< 0.00003	0.00003		0.015	0.00006
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	Total													< 0.002	0.002			
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	Dissolved	0.00445	0.00004	0.00215	0.00005	0.698	0.005	0.00135	0.00002	10	0.002	3.72	0.00004	< 0.00003	0.00003		0.00462	0.00006
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08	Dissolved	0.00016	0.00004	0.00481	0.00005	0.164	0.005	0.00102	0.00002	2.57	0.002	0.0186	0.00004	< 0.002	0.002	*	0.00161	0.00006
Los Alamos & Guaje Canyons																					
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	Total	< 0.01	0.01	< 0.01	0.01	0.261	0.04	0.0039	0.002	7.1	0.1	0.699	0.01	< 0.0002	0.0002		< 0.02	0.02
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	Dissolved	< 0.01	0.01	0.012	0.01	0.191	0.04	< 0.002	0.002	7.3	0.1	0.706	0.01	< 0.0002	0.0002		< 0.02	0.02
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	Total	< 0.01	0.01	< 0.01	0.01	1.61	0.04	0.0083	0.002	12	0.1	1.9	0.01	< 0.0002	0.0002		< 0.02	0.02
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	Dissolved	< 0.01	0.01	< 0.01	0.01	0.406	0.04	< 0.002	0.002	12	0.1	1.95	0.01	< 0.0002	0.0002		< 0.02	0.02
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45	Dissolved	0.00049	0.00004	0.00165	0.00005	0.045	0.005	0.00188	0.00002	6.33	0.002	0.272	0.00004	< 0.002	0.002	*	0.00215	0.00006
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	18:20 - 18:55	Dissolved	< 0.01	0.01	< 0.01	0.01	0.73	0.1	< 0.003	0.003	4	1	0.039	0.01	< 0.0002	0.0002		< 0.02	0.02
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:00 - 19:35	Dissolved	< 0.01	0.01	< 0.01	0.01	0.97	0.1	< 0.003	0.003	2.3	1	0.035	0.01	< 0.0002	0.0002		< 0.02	0.02
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:40 - 20:15	Dissolved	< 0.01	0.01	< 0.01	0.01	1.3	0.1	< 0.003	0.003	2	1	0.025	0.01	< 0.0002	0.0002		< 0.02	0.02
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	07/21/00	10:05	Total	< 0.001	0.001	0.023	0.001	16.5	0.04	0.053	0.002	15	0.0001	3.09	0.01	0.0002	0.0002		< 0.02	0.02
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	07/21/00	10:05	Dissolved	< 0.001	0.001	< 0.001	0.001	0.154	0.04	< 0.002	0.002	13	0.01	1.4	0.01	< 0.0002	0.0002		< 0.02	0.02
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	09/12/00	10:33	Total													< 0.002	0.002	*		
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	09/12/00	10:33	Dissolved	0.00154	0.00004	0.0023	0.00005	0.261	0.005	0.00161	0.00002	10.7	0.002	0.783	0.00004	< 0.00003	0.00003		0.00402	0.00006
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structur	10/28/00	10:05	Dissolved	0.00012	0.00004	0.00174	0.00005	0.047	0.005	0.00051	0.00002	3.10	0.002	0.0400	0.00004	< 0.002	0.002	*	0.00102	0.00006
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31	Total													< 0.0002	0.0002	*		
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31	Dissolved	0.00645	0.00004	0.0024	0.00005	1.19	0.005	0.00195	0.00002	18.1	0.002	8.59	0.00004	< 0.002	0.002	*	0.00854	0.00006
Pajarito Canyon Watershed																					
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	Total							< 0.003	0.003	2.8	1	0.019	0.01	< 0.0002	0.0002	U		
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	Dissolved							< 0.003	0.003	2.7	1	< 0.01	0.01	< 0.0002	0.0002	U		
PA 10.6	Pajarito Canyon below waterfall(west of LANL)	05/25/00	10:30	Ttl Recoverable							< 0.003	0.003	4.5	1	0.019	0.01	< 0.0002	0.0002			
PA 10.6	Pajarito Canyon below waterfall(west of LANL)	05/25/00	10:30	Dissolved							< 0.003	0.003	4.5	1	< 0.01	0.01	< 0.0002	0.0002			
PA 10.6	Pajarito Canyon @ SR 4	06/29/00	11:10	Ttl Recoverable	0.014	0.01	0.044	0.01	22	0.1	0.052	0.003	17	1	3	0.01	< 0.0002	0.0002		0.039	0.02
PA 10.6	Pajarito Canyon @ SR 4	06/29/00	11:10	Dissolved	< 0.01	0.01	< 0.01	0.01	0.11	0.1	< 0.003	0.003	14	1	0.31	0.01	< 0.0002	0.0002		< 0.02	0.02
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/11/00	7:10	Dissolved	< 0.02	0.02	0.039	-	0.195	-	< 0.002	0.002	15	-	1.42	-	< 0.0002	0.0002	U	0.02	-
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	9:05	Dissolved	< 0.01		< 0.01		0.274		< 0.002		14		1.76		< 0.0002			< 0.02	
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	Total	< 0.01	0.01	< 0.01	0.01	< 0.1	0.1	< 0.003	0.003	6.7	1	0.068	0.01	< 0.0002	0.0002		< 0.02	0.02
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	Dissolved																	
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50	Dissolved	0.00382	0.00004	0.00128	0.00005	0.639	0.005	0.00123	0.00002	7.76	0.002	6.27	0.00004	< 0.002	0.002		0.00447	0.00006
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	13:00	Dissolved	0.00012	0.00004	0.00177	0.00005	< 0.005	0.005	0.00092	0.00002	6.37	0.002	0.00335	0.00004	< 0.002	0.002	*	0.00072	0.00006
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	Dissolved							< 0.003	0.003	9	1	< 0.01	0.01	< 0.0002	0.0002			
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	Ttl Recoverable							< 0.003	0.003	9.2	1	1.3	0.01	< 0.0002	0.0002			
SR 501 Pond	State Road 501 Pond	07/24/00	9:50	Dissolved	< 0.01		< 0.01		0.394		< 0.002		19		3.07		< 0.0002			< 0.02	
TM 3.1	Twomile Canyon @ SR 501	10/28/00	13:15	Dissolved	0.00035	0.00004	0.00188	0.00005	0.108	0.005	0.00049	0.00002	4.58	0.002	0.0500	0.00004	< 0.002	0.002	*	0.00094	0.00006
PA 8.9	Pajarito Canyon upstream from Junction with Buldog Gulch	06/15/00	15:20	Total	< 0.01	0.01	< 0.01	0.01	0.19	0.1	< 0.003	0.003	8.5	1	0.29	0.01	< 0.0002	0.0002		< 0.02	0.02
PA 8.9	Pajarito Canyon upstream from Junction with Buldog Gulch	06/15/00	15:20	Dissolved	< 0.01	0.01	< 0.01	0.01	0.12	0.1	< 0.003	0.003	8.4	1	0.25	0.1	< 0.0002	0.0002		< 0.02	0.02
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	Total	< 0.01	0.01	< 0.01	0.01	< 0.1	0.1	< 0.003	0.003	5.6	1	0.073	0.01	< 0.0002	0.0002		< 0.02	0.02
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	Dissolved	< 0.01	0.01	< 0.01	0.01	< 0.1	0.1	< 0.003	0.003	5.4	1	0.015	0.01	< 0.0002	0.0002		< 0.02	0.02
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	8:30	Ttl Recoverable	< 0.01	0.01	< 0.01	0.01	0.13	0.1	< 0.003	0.003	14	1	0.31	0.01	< 0.0002	0.0002		< 0.02	0.02
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	8:30	Dissolved	< 0.01	0.01	< 0.01	0.01	< 0.1	0.1	< 0.003	0.003	12	1	0.47	0.01	< 0.0002	0.0002		< 0.02	0.02
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Ttl Recoverable	0.015	0.01	0.047	0.01	26	0.1	0.058	0.003	17	1	3	0.01	< 0.0002	0.0002		0.039	0.02
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Dissolved	< 0.01	0.01	< 0.01	0.01	0.35	0.1	< 0.003	0.003	12	1	0.49	0.01	< 0.0002	0.0002		< 0.02	0.02
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	Total	< 0.01	0.01	0.019	0.01	7.26	0.04	0.021	0.002	8.5	0.1	1.6	0.01	< 0.0002	0.0002		< 0.02	0.02
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	Dissolved	< 0.01	0.01	< 0.01	0.01	0.175	0.04	< 0.002	0.002	7.3	0.1	0.98	0.01	< 0.0002	0.0002		< 0.02	0.02
PA@TM	Pajarito @ Two Mile Canyon	08/24/00	9:55	Ttl Recoverable	< 0.010	0.01	0.019	0.01	7.260	0.04	0.021	0.002	8.500	0.1	1.600	0.01	< 0.000	0.0002		< 0.020	0.02
PA@TM	Pajarito @ Two Mile Canyon	08/24/00	9:55	Dissolved	< 0.010	0.01	< 0.010	0.01	0.175	0.04	< 0.002	0.002	7.300	0.1	0.980	0.01	< 0.000	0.0002		< 0.020	0.02
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05	Dissolved	0.00008	0.00004	0.00250	0.00005	0.152	0.005	0.00062	0.00002	0.696	0.002	0.00325	0.00004	< 0.00003	0.00003		0.00068	0.00006
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	Dissolved	0.00012	0.00004	0.00277	0.00005	0.130	0.005	0.00038	0.00002	2.89	0.002	0.00855	0.00004	< 0.00003	0.00003		0.00062	0.00006
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00	Dissolved	0.00091	0.00004	0.00327	0.00005	0.030	0.005	0.00043	0.00002	5.02	0.002	1.13	0.00004	< 0.002	0.002		0.00172	0.00006
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	Dissolved	0.00009	0.00004	0.00109	0.00005	0.271	0.005	0.00063	0.00002	0.750	0.002	0.00306	0.00004	< 0.00003	0.00003		0.00086	0.00006
Water Canyon Watershed																					
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	Dissolved	0.00010	0.00004	0.00099	0.00005	0.057	0.005	0.00030	0.00002	3.57	0.002	0.00428	0.00004	< 0.002	0.002	*	0.00046	0.00006
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	Total	< 0.01	0.01	< 0.01	0.01	0.044	0.04	< 0.002	0.002	2.8		< 0.01	0.01	< 0.0002	0.0002		< 0.02	0.02
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	Dissolved	< 0.01	0.01	< 0.01	0.01	< 0.04	0.04	< 0.002	0.002	3.1		< 0.01	0.01	< 0.0002	0.0002		< 0.02	0.02
WA 4.5	(incomplete record found in 9.8.00-177)	10/23/00		Dissolved	0.00007	0.00004	0.0042	0.00005	0.09	0.005	0.00042	0.00002	0.677	0.002	0.00286	0.00004	< 0.00003	0.00003		0.00051	0.00006
WA 2.9 ISCO	Water Canyon @ SR 4	10/24/00	14:41 - 15:41	Dissolved	0.00008	0.00004	0.00144	0.00005	0.173	0.005	0.00043	0.00002	1.01	0.002	0.00440	0.00004	< 0.00003	0.00003		0.00107	0.00006
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	Dissolved	0.00007	0.00004	0.00420	0.00005	0.090	0.005	0.00042	0.00002	0.677	0.002	0.00286	0.00004	< 0.00003	0.00003		0.00051	0.00006
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	Dissolved	0.00017	0.00004	0.00300	0.00005	0.154	0.005	0.00051	0.00002	3.10	0.002	0.0159	0.00004	< 0.002	0.002	*	0.00100	0.00006
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40	Total	< 0.01	0.01	0.029	0.01	17.8	0.04	0.043	0.002	8.8	0.1	1.56	0.01	< 0.0002	0.0002		< 0.02	0.02
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	14:40	Dissolved	0.00011	0.00004	0.00164	0.00005	0.442	0.005	0.00088	0.00002	0.742	0.002	0.00636	0.00004	< 0.00003	0.00003		0.00113	0.00006
Sandia Canyon Watershed																					
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41	Dissolved	0.00017	0.00004	0.00615	0.00005	0.146	0.005	0.00120	0.00002	3.80	0.002	0.00539	0.00004	0.00008	0.00003		0.00171	0.00006
Mortandad Canyon Watershed																	< 0.0002	0.0002	*		
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55	Dissolved	0.00011	0.00004	0.00474	0.00005	0.180	0.005	0.00051	0.00002	1.32	0.002	0.00644	0.00004	< 0.00003	0.00003		0.00265	0.00006
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50	Dissolved	0.00019	0.00004	0.00422	0.00005	0.244	0.005	0.00062	0.00002	2.46	0.002	0.0129	0.00004	< 0.00003	0.00003		0.00182	0.00006
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00	Dissolved	0.00012	0.00004	0.00117	0.00005	0.262	0.005	0.00051	0.00002	1.13	0.002	0.00821	0.00004	< 0.00003	0.00003		0.00092	0.00006
CDB @SR4 (SW)	Canada del Buey @ SR4 (Storm Water)	08/18/00		Total	0.042	0.01	0.063	0.01	53.4	0.04	0.081	0.002	17	0.1	2.54	0.01	< 0.0002	0.0002		0.058	0.02
Rio Grande																					
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	Dissolved	0.00012	0.00004	0.00108	0.00005	< 0.005	0.005	0.00024	0.00002	6.19	0.002	0.00309	0.00004	< 0.00003	0.00003		0.00128	0.00006
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	Total													< 0.0002	0.0002	*		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	Dissolved	0.00068	0.00004	0.00374	0.00005	0.078	0.005	0.0017	0.00002	4.51	0.002	0.134	0.00004	< 0.00003	0.00003		0.00398	0.00006
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	Total													< 0.002	0.002	*		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00	Dissolved	0.00008	0.00004	0.00055	0.00005	< 0.005	0.005	0.00062	0.00002	3.82	0.002	0.00133	0.00004	< 0.00003	0.00003		0.00129	0.00006
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Dissolved	0.00006	0.00004	0.00096	0.00005	< 0.005	0.005	0.00014	0.00002	7.4	0.002	0.00137	0.00004	< 0.00003	0.00003		0.00056	0.00006
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Total													0.0004	0.0002	*		
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Dissolved	0.00009	0.00004	0.00107	0.00005	< 0.005	0.005	0.00598	0.00002	7.54	0.002	0.00197	0.00004	< 0.00003	0.00003		0.00066	0.00006
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Total													< 0.0002	0.0002	*		

U - Result is less than the sample specific reporting li
* = Sample was analysed beyond the required holding time
** - Value considered an estimate due to calibration failure

Sample ID	Sample Location	Date	Time	Dissolved / Total	K (mg/L)	DL	Se (mg/L)	DL	Ag (mg/L)	DL	Na (mg/L)	DL	Tl (mg/L)	DL	V (mg/L)	DL	Zn (mg/L)	DL	U (Mass Spec) (mg/L)	DL
Los Alamos Canyon Watershed																				
Acid & Pueblo Canyons																				
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00	Total																
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00	Dissolved	6.13	0.007	0.0006	0.0001	< 0.00006	0.00006	9.49	0.004	0.00021	0.00002	0.00334	0.00004	0.0363	0.0001		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Total																
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Dissolved	5.95	0.007	0.0008	0.0001	< 0.00006	0.00006	20.9	0.004	0.00018	0.00002	0.00661	0.00004	0.0093	0.0001		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00	Total																
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00	Dissolved	3.05	0.007	0.0003	0.0001	0.00033	0.00006	10.6	0.004	0.00008	0.00002	0.00233	0.00004	0.0103	0.0001		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30	Total																
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30	Dissolved	2.12	0.007	0.0002	0.0001	< 0.00006	0.00006	7.2	0.004	0.00006	0.00002	0.00202	0.00004	0.0134	0.0001	0.00028	0.00002
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00	Total																
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00	Dissolved	3.17	0.007	0.0008	0.0001	< 0.00006	0.00006	4.93	0.004	0.00003	0.00002	0.00238	0.00004	0.0381	0.0001		
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	Total																
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	Dissolved	2	0.007	< 0.0001	0.0001	0.00065	0.00006	4.33	0.004	< 0.00002	0.00002	0.00199	0.00004	0.0215	0.0001		
PUN 0.1	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/28/00	14:00	Dissolved	8.66	0.007	0.0002	0.0001	< 0.006	0.006	11.2	0.004	0.00005	0.00002	0.00144	0.00004	0.0089	0.0001	0.00130	0.00002
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr	09/08/00	16:30	Total																
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr	09/08/00	16:30	Dissolved	14.6	0.002	0.0015	0.0001	< 0.00006	0.00006	2.83	0.004	0.0001	0.00002	0.0028	0.00004	0.0502	0.0001	0.00345	0.00002
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN	09/08/00	16:50	Total																
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN	09/08/00	16:50	Dissolved	15.5	0.007	0.00124	0.0001	< 0.00006	0.00006	2.8	0.004	0.00005	0.00002	0.0031	0.00004	0.057	0.0001	0.00159	0.00002
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	Total																
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	Dissolved	14.2	0.007	0.001	0.0001	< 0.00006	0.00006	4.42	0.004	0.00008	0.00002	0.00446	0.00004	0.0185	0.0001	0.0041	0.00002
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08	Dissolved	6.05	0.007	0.0002	0.0001	< 0.006	0.006	8.66	0.004	0.00004	0.00002	0.0018	0.00004	0.018	0.0001	0.00027	0.00002
Los Alamos & Guaje Canyons																				
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	Total	5.5	2	< 0.003	0.003	< 0.01	0.01	8.31	0.4	< 0.001	0.001	< 0.02	0.02	< 0.01	0.01	0.00039	0.00002
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	Dissolved	5.1	2	< 0.003	0.003	< 0.01	0.01	8.4	0.4	< 0.001	0.001	< 0.02	0.02	< 0.01	0.01	0.00039	0.00002
LA 12.0	Los Alamos Reservo	08/31/00	11:00	Total	13.5	2	< 0.003	0.003	< 0.01	0.01	7.66	0.4	< 0.001	0.001	< 0.02	0.02	0.016	0.01	0.00107	0.00002
LA 12.0	Los Alamos Reservo	08/31/00	11:00	Dissolved	14	2	< 0.003	0.003	< 0.01	0.01	6.8	0.4	< 0.001	0.001	< 0.02	0.02	< 0.01	0.01	0.00032	0.00002
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45	Dissolved	8.05	0.007	0.0002	0.0001	0.009	0.006	5.07	0.004	0.00004	0.00002	0.00136	0.00004	0.0077	0.0001	0.00084	0.00002
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	18:20 - 18:55	Dissolved	5.3	1	< 0.005	0.005	< 0.01	0.01	15	1	< 0.01	0.01	< 0.01	0.01	0.026	0.02		
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:00 - 19:35	Dissolved	3.5	1	< 0.005	0.005	< 0.01	0.01	8.6	1	< 0.01	0.01	< 0.01	0.01	< 0.02	0.02		
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:40 - 20:15	Dissolved	3	1	< 0.005	0.005	< 0.01	0.01	7.4	1	< 0.01	0.01	< 0.01	0.01	0.02	0.02		
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Dischar	07/21/00	10:05	Total	26	0.002	< 0.003	0.003	< 0.01	0.01	6.9	0.4	< 0.001	0.001	0.024	0.02	0.124	0.01		
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Dischar	07/21/00	10:05	Dissolved	22	0.002	< 0.003	0.003	0.015	0.01	6.5	0.4	< 0.001	0.001	< 0.02	0.02	0.018	0.01		
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Dischar	09/12/00	10:33	Total																
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Dischar	09/12/00	10:33	Dissolved	14.4	0.007	0.0011	0.0001	< 0.00006	0.00006	6.75	0.004	0.00006	0.00002	0.0036	0.00004	0.0142	0.0001	0.00221	0.00002
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	10:05	Dissolved	4.77	0.007	0.0002	0.0001	< 0.006	0.006	10.2	0.004	0.00006	0.00002	0.00131	0.00004	0.0099	0.0001	0.00037	0.00002
GU 0.01	Guaje Canyon at State Road 50	09/08/00	18:31	Total															0.00111	0.00002
GU 0.01	Guaje Canyon at State Road 50	09/08/00	18:31	Dissolved	14.5	0.007	0.0009	0.0001	< 0.006	0.006	4.44	0.004	0.00002	0.00002	0.00386	0.00004	0.017	0.0001	0.00702	0.00002
Pajarito Canyon Watershed																				
PA 10.6	Pajarito Canyon @ Waterfall aboveS 501	05/02/00	14:20	Total	2.2	1	0.0057	0.005	< 0.01	0.01	4.3	1								
PA 10.6	Pajarito Canyon @ Waterfall aboveS 501	05/02/00	14:20	Dissolved	2.2	1	< 0.005	0.005	< 0.01	0.01	4.3	1								
PA 10.6	Pajarito Canyon below waterfall(west of LANL)	05/25/00	10:30	Ttl Recoverable	2.8	1	< 0.005	0.005	< 0.01	0.01	4.7	1								
PA 10.6	Pajarito Canyon below waterfall(west of LANL)	05/25/00	10:30	Dissolved	2.8	1	< 0.005	0.005	< 0.01	0.01	4.7	1								
PA 10.6	Pajarito Canyon @ SR 4	06/29/00	11:10	Ttl Recoverable	22	1	0.0061	0.005	< 0.01	0.01	10	1	< 0.01	0.01	0.043	0.01	0.16	0.02		
PA 10.6	Pajarito Canyon @ SR 4	06/29/00	11:10	Dissolved	13	1	< 0.005	0.005	< 0.01	0.01	6	1	< 0.01	0.01	< 0.01	0.01	0.02	0.02		
PA 10.6	Pajarito Canyon @ Waterfall aboveS 501	07/24/00	9:05	Dissolved	8.2		< 0.003		< 0.01		5.8		< 0.001		< 0.02		< 0.01			
PA 10.6	Pajarito Canyon @ Waterfall aboveS 501	11/02/00	10:00	Total	4.5	1	< 0.005	0.005	< 0.01	0.01	4.6	1	< 0.01	0.01	< 0.01	0.01	< 0.02	0.02		
PA 10.6	Pajarito Canyon @ Waterfall aboveS 501	11/02/00	10:00	Dissolved																
PA 10.6	Pajarito Canyon @ Waterfall aboveS 501	07/11/00	7:10	Dissolved	11	-	< 0.003	0.003	< 0.01	0.01	6.1	-	< 0.001	0.001	< 0.02	0.02	0.029	-		
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50	Dissolved	9.95	0.007	0.0002	0.0001	< 0.006	0.006	2.57	0.004	< 0.00002	0.00002	0.00277	0.00004	0.016	0.0001	0.00111	0.00002
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	13:00	Dissolved	7.19	0.007	0.0003	0.0001	< 0.006	0.006	3.19	0.004	< 0.00002	0.00002	0.00262	0.00004	0.0064	0.0001	0.00109	0.00002
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	Dissolved	10	1	< 0.005	0.005	< 0.01	0.01	200	1								
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	Ttl Recoverable	11	1	< 0.005	0.005	< 0.01	0.01	200	1								
SR 501 Pond	State Road 501 Pond	07/24/00	9:50	Dissolved	39		< 0.003		< 0.01		7.2		0.0026		< 0.02		< 0.01			
TM 3.1	Twomile Canyon @ SR 50	10/28/00	13:15	Dissolved	7.75	0.007	0.0004	0.0001	< 0.006	0.006	9.89	0.004	0.00005	0.00002	0.00090	0.00004	0.0128	0.0001	0.00047	0.00002
PA 8.9	Pajarito Canyon upstream from Junction with Buldog Gul	06/15/00	15:20	Total	4.8	1	< 0.005	0.005	< 0.01	0.01	13	1	< 0.01	0.01	< 0.01	0.01	0.02	0.02	0.00127	0.00017
PA 8.9	Pajarito Canyon upstream from Junction with Buldog Gul	06/15/00	15:20	Dissolved	4.9	1	< 0.005	0.005	< 0.01	0.01	13	1	< 0.01	0.01	< 0.01	0.01	0.02	0.02		
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyo	06/15/00	14:30	Total	4.2	1	< 0.005	0.005	< 0.01	0.01	21	1	< 0.01	0.01	< 0.01	0.01	0.02	0.02	0.00073	0.0001
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyo	06/15/00	14:30	Dissolved	4.1	1	< 0.005	0.005	< 0.01	0.01	21	1	< 0.01	0.01	< 0.01	0.01	0.02	0.02		
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	8:30	Ttl Recoverable	13	1	< 0.005	0.005	< 0.01	0.01	6	1	< 0.01	0.01	< 0.01	0.01	0.02	0.02		
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	8:30	Dissolved	16	1	< 0.005	0.005	< 0.01	0.01	9.3	1	< 0.01	0.01	< 0.01	0.01	0.024	0.02		
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Ttl Recoverable	23	1	0.0098	0.005	< 0.01	0.01	11	1	< 0.01	0.01	0.046	0.01	0.16	0.02		
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Dissolved	16	1	0.0052	0.005	< 0.01	0.01	9.2	1	< 0.01	0.01	< 0.01	0.01	0.02	0.02		
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	Total	12.1	2	< 0.003	0.003	< 0.01	0.01	8.06	0.4	< 0.001	0.001	< 0.02	0.02	47	0.01	< 0.02	0.02
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	Dissolved	10	2	< 0.003	0.003	< 0.01	0.01	7.4	0.4	< 0.001	0.001	< 0.02	0.02	< 0.01	0.01	< 0.02	0.02
PA@TM	Pajarito @ Two Mile Canyo	08/24/00	9:55	Ttl Recoverable	12.100	2	< 0.003	0.003	< 0.010	0.01	8.060	0.4	< 0.001	0.001	< 0.020	0.02	0.047	0.01		
PA@TM	Pajarito @ Two Mile Canyo	08/24/00	9:55	Dissolved	10.000	2	< 0.003	0.003	< 0.010	0.01	7.400	0.4	< 0.001	0.001	< 0.020	0.02	< 0.010	0.01		
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05	Dissolved	2.59	0.007	0.0001	0.0001	< 0.00006	0.00006	2.90	0.004	< 0.00002	0.00002	0.00153	0.00004	0.0130	0.0001	0.00010	0.00002
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	Dissolved	2.40	0.007	0.0004	0.0001	0.00011	0.00006	1.86	0.004	0.00004	0.00002	0.00311	0.00004	0.0081	0.0001	0.00011	0.00002
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00	Dissolved	8.81	0.007	0.0002	0.0001	< 0.006	0.006	4.48	0.004	0.00004	0.00002	0.00445	0.00004	0.0069	0.0001	0.00127	0.00002
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	Dissolved	1.97	0.007	< 0.0001	0.0001	< 0.00006	0.00006	0.662	0.004	< 0.00002	0.00002	0.00294	0.00004	0.0062	0.0001	0.00007	0.00002
Water Canyon Watershed																				
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	Dissolved	6.74	0.007	0.0002	0.0001	< 0.006	0.006	4.40	0.004	< 0.00002	0.00002	0.00241	0.00004	0.0052	0.0001	0.00031	0.00002
CDV 5.6	Canyon de Valle @ SR 50	08/16/00	10:40	Total	< 2	2	< 0.003	0.003	0.026	0.01	4.3		< 0.001	0.001	< 0.02	0.02	< 0.01	0.01		
CDV 5.6	Canyon de Valle @ SR 50	08/16/00	10:40	Dissolved	2.7	2	< 0.003	0.003	< 0.01	0.01	4.5		< 0.001	0.001	< 0.02	0.02	< 0.01	0.01		
WA 4.5	(incomplete record found in 9.8.00-177)	10/23/00		Dissolved	1.74	0.007	< 0.0001	0.0001	0.00009	0.00006	1.21	0.004	< 0.00002	0.00002	0.00133	0.00004				
WA 2.9 ISCO	Water Canyon @ SR 4	10/24/00	14:41 - 15:41	Dissolved	2.57	0.007	0.0002	0.0001	< 0.00006	0.00006	1.03	0.004	< 0.00002	0.00002	0.00148	0.00004	0.0093	0.0001	0.00013	0.00002
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	Dissolved	1.74	0.007	< 0.0001	0.0001	0.00009	0.00006	1.21	0.004	< 0.00002	0.00002	0.00133	0.00004	0.0124	0.0001	0.00007	0.00002
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	Dissolved	5.81	0.007	0.0002	0.0001	< 0.006	0.006	8.33	0.004	0.00003	0.00002	0.00232	0.00004	0.0102	0.0001	0.00021	0.00002
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40	Total	16.6	2	< 0.003	0.003	0.026	0.01	9.2	0.4	< 0.001	0.001	0.033	0.02	0.104	0.01		
PO 1.8	Portrillo Canyon @ SR	10/23/00	14:40	Dissolved	2.15	0.007	< 0.0001	0.0001	< 0.00006	0.00006	0.446	0.004	< 0.00002	0.00002	0.00272	0.00004	0.0068	0.0001	0.00008	0.00002
Sandia Canyon Watershed																				
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41	Dissolved	11.2	0.007	0.0014	0.0001	0.00014	0.00006	101	0.004	0.00018	0.00002	0.00908	0.00004	0.0370	0.0001	0.00055	0.00002
Mortandad Canyon Watershed																				
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55	Dissolved	4.80	0.007	0.0003	0.0001	< 0.00006	0.00006	20.8	0.004	0.00006	0.00002	0.00200	0.00004	0.0100	0.0001	0.00046	0.00002
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50	Dissolved	4.29	0.007	0.0003	0.0001	< 0.00006	0.00006	6.28	0.004	0.00003	0.00002	0.00248	0.00004	0.0145	0.0001	0.00046	0.00002
CDB 1.9	Canada del Buey @ SR4 (Storm Water)	08/18/00		Total	15.2	2	< 0.003	0.003	0.02	0.01	6.7	0.4	< 0.001	0.001	0.104	0.02	0.185	0.01		
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00	Dissolved	2.04	0.007	0.0002	0.0001	< 0.00006	0.00006	0.892	0.004	< 0.00002	0.00002	0.00392	0.00004	0.0078	0.0001	0.00009	0.00002
Rio Grande																				
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	Dissolved	3.93	0.007	0.0003	0.0001	< 0.00006	0.00006	20.5	0.004	0.00005	0.00002	0.00279	0.00004	0.0081	0.0001	0.00364	0.00002
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	Total																
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	Dissolved	3.81	0.007	0.0003	0.0001	< 0.00006	0.00006	18.3	0.004	0.00003	0.00002	0.00517	0.00004	0.0126	0.0001	0.00929	0.00002
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	Total																
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00	Dissolved	3.19	0.007	0.0005	0.0001	< 0.00006	0.00006	20.7	0.004	0.00003	0.00002	0.00492	0.00004	0.0092	0.0001	0.0111	0.00002
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Dissolved	2.44	0.007	0.0006	0.0001	< 0.00006	0.00006	17.1	0.004	< 0.00002	0.00002	0.00344	0.00004	0.0036	0.0001	0.00239	0.00002
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Total																
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Dissolved	2.68	0.007	0.0003	0.0001	< 0.00006	0.00006	20.4	0.004	0.00002	0.00002	0.00347	0.00004	0.0053	0.0001	0.00337	0.00002
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Total																

U - Result is less than the sample specific reporting li
* = Sample was analysed beyond the required holding time
** - Value considered an estimate due to calibration failure

Table 4 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-4

Sample ID	Sample Location	Date	Time	Dissolved / Total	B (mg/L)	DL	Li (mg/L)	DL	Si (mg/L)	DL	Sr (mg/L)	DL	S (mg/L)	DL	Bi (mg/L)	DL	Mo (mg/L)	DL	Sn (mg/L)	DL	Ti (mg/L)	DL
Los Alamos Canyon Watershed																						
Acid & Pueblo Canyons																						
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00	Total																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00	Dissolved																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Total																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Dissolved																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00	Total																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00	Dissolved																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30	Total																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30	Dissolved																		
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00	Total																		
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00	Dissolved																		
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	Total																		
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	Dissolved																		
PUN 0.1	Pueblo Canyon North Tributary (upstream of jct. With Pueblo	10/28/00	14:00	Dissolved																		
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30	Total																		
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30	Dissolved	0.0594	0.0008	< 0.00003	0.00003	3.48	0.002	0.312	0.00003	10.7	0.5	0.0002	0.0001	0.00325	0.00003	0.00072	0.00002	0.00557	0.00005
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50	Total																		
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50	Dissolved	0.065	0.0008	0.00045	0.00003	2.78	0.002	0.271	0.00003	5.9	0.5	0.0001	0.0001	0.00232	0.00003	0.00068	0.00002	0.0147	0.00005
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	Total																		
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	Dissolved	0.0519	0.0008	0.0003	0.00003	3.85	0.002	0.328	0.00003	9.5	0.5	< 0.0001	0.0001	0.00505	0.00003	0.00053	0.00002	0.0132	0.00005
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08	Dissolved																		
Los Alamos & Guaje Canyons																						
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	Total	< 0.05	0.05	< 0.1	0.1	41.3	0.2	0.16	0.025			< 0.1	0.1	< 0.03	0.03	< 0.05	0.05	< 0.03	0.03
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	Dissolved	< 0.05	0.05	< 0.1	0.1	41.4	0.2	0.16	0.025	2.2	1	< 0.1	0.1	< 0.03	0.03	< 0.05	0.05	0.032	0.03
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	Total	0.072	0.05	< 0.1	0.1	30.5	0.2	0.33	0.025			< 0.1	0.1	< 0.03	0.03	< 0.05	0.05	0.14	0.03
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	Dissolved	0.082	0.05	< 0.1	0.1	26.7	0.2	0.32	0.025	1.9	1	< 0.1	0.1	< 0.03	0.03	< 0.05	0.05	0.086	0.03
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45	Dissolved																		
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	18:20 - 18:55	Dissolved	< 0.1	0.1	< 0.01	0.01	11	0.05	0.13	0.01					< 0.01	0.01	< 0.05	0.05		
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:00 - 19:35	Dissolved	< 0.1	0.1	< 0.01	0.01	11	0.05	0.089	0.01					< 0.01	0.01	< 0.05	0.05		
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:40 - 20:15	Dissolved	< 0.1	0.1	< 0.01	0.01	14	0.05	0.075	0.01					< 0.01	0.01	< 0.05	0.05		
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	07/21/00	10:05	Total	0.091	0.05	<.1	0.1	52.3	0.2	410	25										
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	07/21/00	10:05	Dissolved																		
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	09/12/00	10:33	Total																		
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	09/12/00	10:33	Dissolved	0.0522	0.0008	0.00284	0.00003	9.31	0.002	0.345	0.00003	3.6	0.5	< 0.0001	.0001**	0.00632	0.00003	0.00012	0.00002	0.0107	0.00005
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	10:05	Dissolved																		
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31	Total																		
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31	Dissolved																		
Pajarito Canyon Watershed																						
PA 10.6	Pajarito Canyon below waterfall(west of LANL)	05/25/00	10:30	Ttl Recoverable	< 0.1	0.1	< 0.01	0.01	17	0.05	0.29	0.01										
PA 10.6	Pajarito Canyon below waterfall(west of LANL)	05/25/00	10:30	Dissolved			< 0.01	0.01	17	0.05												
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	Total	< 0.1	0.1	< 0.01	0.01	19	0.05	0.064	0.01										
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	Dissolved	< 0.1	0.1	< 0.01	0.01	18	0.05	0.061	0.01										
PA 10.6	Pajarito Canyon @ SR 4	06/29/00	11:10	Ttl Recoverable																		
PA 10.6	Pajarito Canyon @ SR 4	06/29/00	11:10	Dissolved	< 0.1	0.1	< 0.01	0.01	9.7	0.05												
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/11/00	7:10	Dissolved							0.41								< 0.02	0.02		
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	9:05	Dissolved	< 0.05		< 0.1		16.3		0.35						< 0.3		< 0.05			
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	Total	< 0.1	0.1			12	0.05	0.19	0.01							< 0.05	0.05		
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	Dissolved	< 0.1	0.1					0.29	0.01										
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50	Dissolved																		
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	13:00	Dissolved																		
TM 3.1	Twomile Canyon @ SR 501	10/28/00	13:15	Dissolved																		
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	Dissolved	< 0.1	0.1	< 0.01	0.01	1	0.05	0.28	0.01										
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	Ttl Recoverable			< 0.01	0.01	1	0.05												
SR 501 Pond	State Road 501 Pond	07/24/00	9:50	Dissolved	0.15		< 0.1		5.6		0.68						< 0.3		< 0.05			
PA 8.9	Pajarito Canyon upstream from Junction with Buldog Gulch	06/15/00	15:20	Total																		
PA 8.9	Pajarito Canyon upstream from Junction with Buldog Gulch	06/15/00	15:20	Dissolved	15	0.05	< 0.01	0.01														
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	Total																		
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	Dissolved	20	0.05	< 0.01	0.01														
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	8:30	Ttl Recoverable																		
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	8:30	Dissolved	< 0.1	0.1	< 0.01	0.01	6.4	0.05												
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Ttl Recoverable																		
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Dissolved	< 0.1	0.1	< 0.01	0.01	6.8	0.05												
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	Total	0.064	0.05	< 0.1	0.1	24.1	0.2	0.29	0.025					< 0.03	0.03	< 0.05	0.05		
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	Dissolved	0.08	0.05	< 0.1	0.1	12.5	0.2	0.24	0.025					< 0.03	0.03	< 0.05	0.05		
PA@TM	Pajarito @ Two Mile Canyon	08/24/00	9:55	Ttl Recoverable	0.064	0.05	< 0.100	0.1	24.100	0.2	0.290	0.025					< 0.030	0.03	< 0.050	0.05		
PA@TM	Pajarito @ Two Mile Canyon	08/24/00	9:55	Dissolved	0.080	0.05	< 0.100	0.1	12.500	0.2	0.240	0.025					< 0.030	0.03	< 0.050	0.05		
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05	Dissolved																		
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	Dissolved																		
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	Dissolved																		
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00	Dissolved																		
Water Canyon Watershed																						
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	Dissolved																		
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	Total	< 0.05		< 0.1		16.2		0.084											
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	Dissolved	< 0.05		< 0.1		17.7		0.079											
WA 4.5	(incomplete record found in 9.8.00-177)	10/23/00		Dissolved																		
WA 2.9 ISCO	Water Canyon @ SR 4	10/24/00	14:41 - 15:41	Dissolved																		
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	Dissolved																		
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	Dissolved																		
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40	Total																		
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	14:40	Dissolved																		
Sandia Canyon Watershed																						
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41	Dissolved																		
Mortandad Canyon Watershed																						
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55	Dissolved																		
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50	Dissolved																		
CDB 1.9	Canada del Buey @ SR4 (Storm Water)	08/18/00		Total																		
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00	Dissolved																		
Rio Grande																						
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00	Dissolved																		
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Dissolved																		
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Total																		
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Dissolved																		
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Total																		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	Dissolved																		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	Total																		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	Dissolved																		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	Total																		

U - Result is less than the sample specific reporting limits
* = Sample was analysed beyond the required holding time
** - Value considered an estimate due to calibration failure

Table 5 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Gamma Spec-1

Watershed	Los Alamos				Los Alamos				Los Alamos				Los Alamos				Los Alamos		
Date	08/31/00				08/31/00				08/31/00				08/31/00				10/28/00		
Sample Location	Upstream from Los Alamos Reservoir				Upstream from Los Alamos Reservoir				LA Reservoir Depth Integrated Sample				LA Reservoir Depth Integrated Sample				Los Alamos Canyon @ Skate Rink Gage		
Sample ID	LA-12.5				LA-12.5				LA 12.0				LA 12.0				LA 10.5		
	Total				Dissolved				Dissolved				Total				Dissolved		
Nuclide Name	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	2.0	1.9	3.2	U	6.0	1.5	2.1		5.8	1.6	2.1		1.4	3.3	3.0		9.5 +/- 5.6	10.3	U
^{110m}Ag	6.0	12.1	20.4	U	-5.9	9.0	14.7	U	-8.4	8.8	###	U	-1.2	11.9	19.9	U	-22.9 +/- 40.2	65.3	U
^{26}Al																			
^{241}Am	0.4	1.2	1.7	U	1.7	1.3	2.1	U	1.1	1.4	2.1	U	0.3	1.4	1.8	U	6.5 +/- 5.9	8.9	U
^{7}Be	-6.5	6.7	10.9	U	2.0	5.0	8.3	U	-1.3	4.1	6.7	U	4.7	5.6	9.5	U	-17.8 +/- 23.5	37.6	U
^{212}Bi	7.7	7.5	12.8	U	6.5	5.4	9.0	U	11.2	6.5	6.7		8.6	7.8	12.2	U	26.2 +/- 21.8	37.8	U
^{214}Bi	7.3	1.6	1.7		6.6	1.1	1.3		16.0	1.6	1.2		20.7	2	1.7		40.6 +/- 6.6	5.3	
^{139}Ce	-0.20	0.5	1	U	-0.10	0.5	1	U	-0.50	0.4	1	U	0.40	0.5	1	U	-1.8 +/- 1.8	2.9	U
^{144}Ce	-0.7	3.3	5.2	U	1.5	2.6	4.4	U	0.6	2.6	4.3	U	-2.6	3.1	5.0	U	-2.9 +/- 10.9	18.0	U
^{56}Co	-0.1	0.8	1.2	U	-0.1	0.5	0.8	U	-0.2	0.5	0.8	U	0.0	0.7	1.1	U	2.1 +/- 2.4	4.3	U
^{57}Co	0.30	0.4	0.7	U	0.30	0.3	0.6	U	-0.10	0.3	0.5	U	0.10	0.4	0.6	U	-0.5 +/- 1.4	2.4	U
^{58}Co	-0.50	0.7	1.2	U	-0.10	0.5	0.8	U	-0.40	0.4	0.7	U	-0.50	0.7	1.0	U	0.4 +/- 2.4	4.0	U
^{60}Co	0.60	0.6	1.0	U	1.30	0.4	0.6		0.03	0.4	0.6	U	-0.30	0.6	1.0	U	0.7 +/- 1.8	3.0	U
^{51}Cr	-0.2	10.1	16	U	-1.8	8.1	13	U	-2.1	5.6	9	U	0.9	7.2	12	U	39.5 +/- 41.3	68.1	U
^{134}Cs	-0.90	0.6	0.8	U	-0.10	0.4	0.6	U	-0.20	0.4	0.6	U	-0.20	0.6	0.9	U	-0.4 +/- 1.9	2.7	U
^{137}Cs	-0.01	0.6	0.9	U	-0.20	0.4	0.7	U	0.50	0.4	0.7	U	0.10	0.6	1.0	U	-0.6 +/- 1.8	2.8	U
^{152}Eu	1.50	2.7	4.7	U	0.10	2.0	3.2	U	1.00	2.0	3.2	U	0.20	2.7	4.6	U	6.1 +/- 8.5	14.6	U
^{154}Eu	0.40	0.8	1.3	U	0.02	0.7	1.1	U	-0.40	0.7	1.1	U	0.60	0.8	1.3	U	-0.1 +/- 2.7	4.5	U
^{155}Eu	1.9	1.0	1.5		-0.1	0.9	1.4	U	1.0	1.0	1.4	U	1.5	1.1	1.6	U	2.4 +/- 3.5	6.1	U
^{59}Fe	0.3	1.9	3.0	U	-1.0	1.2	2.0	U	0.2	1.0	1.7	U	0.7	1.5	2.4	U	-3.7 +/- 6.2	9.7	U
^{131}I	3	12	20	U	-5	9	15	U	2	3	4	U	-1	4	6	U	-47.2 +/- 84.2	139	U
^{40}K	149	12.3	8.3		197	10.9	5.4		195	10.4	6		148	12.4	8.2		386 +/- 42.2	24.8	
^{54}Mn	0.30	0.6	1.0	U	0.30	0.4	0.7	U	-0.20	0.4	0.6	U	0.20	0.6	1.0	U	0.3 +/- 1.8	3.0	U
^{22}Na	0.01	0.6	0.9	U	0.40	0.4	0.7	U	0.02	0.4	0.6	U	-0.50	0.6	1.0	U	-1.2 +/- 1.7	2.6	U
^{94}Nb	0.50	0.5	0.9	U	-0.40	0.4	0.6	U	0.05	0.4	0.6	U	0.30	0.5	0.9	U	-0.7 +/- 1.5	2.5	U
^{95}Nb	0.7	1.1	2	U	0.6	0.8	1	U	1.8	0.9	1		1.3	0.8	1	U	0.7 +/- 4.0	6.4	U
^{234m}Pa	114	85.3	146	U	190	90.8	96		126	88.3	97		56	88.4	147	U	528 +/- 268	499.0	
^{212}Pb	4.4	1.2	1.4		2.3	0.8	1.1		2.7	1.0	1.1		5.1	1.2	1.4		7.7 +/- 4.3	4.6	
^{214}Pb	4.6	1.4	1.8		6	1.2	1.3		11.9	1.2	13	U	16.1	1.6	1.8		32.9 +/- 4.9	5.7	
^{106}Ru	39.9	5.4	3.8		46	5	2.7		44.1	4	2.7		38.4	5.3	3.8		103 +/- 19.4	11.3	
^{124}Sb	-0.5	0.9	1.2	U	-0.2	0.6	0.9	U	0.1	0.6	0.8	U	-0.1	0.9	1.1	U	-0.1 +/- 3.2	4.5	U
^{125}Sb	-0.05	1.4	2.3	U	1.10	1.1	1.8	U	-0.40	1.1	1.8	U	0.40	1.4	2.4	U	0.6 +/- 4.5	7.5	U
^{46}Sc	3.1	1.3	1.3		2.5	0.9	0.9		3.3	0.9	1.1		3.2	1.2	1.6	U	13.9 +/- 4.9	4.2	
^{85}Sr	5.3	0.9	1.5		1.9	0.5	0.9		1.5	0.5	0.8		4.4	0.8	1.3	U	5.3 +/- 2.4	4.4	
^{227}Th	8.3	3.9	5.7		-0.8	3	4.3	U	-0.4	3.1	4.4	U	6.9	4.1	5.9		1.3 +/- 12.5	18.1	U
^{234}Th	31.9	12.0	9.1		86.4	15.1	8.4		90.0	14.0	8.8		32.6	12.5	9.4		156 +/- 64.6	34.5	
^{208}Tl	2.4	0.9	9	U	1.4	0.5	0.6		2.5	0.7	0.6		3.4	1.1	0.9		4.7 +/- 3.0	2.4	
^{235}U	2.0	0.8	5	U	4.7	0.9	4		5.1	0.8	4		2.2	1.0	5	U	10.4 +/- 3.6	18.4	U
^{65}Zn	0.9	1.5	2.1	U	-0.3	1.0	1.4	U	-0.1	1.0	1.4	U	0.4	1.5	2.1	U	-0.4 +/- 4.5	6.3	U

Watershed	Los Alamos				Los Alamos				Los Alamos				Los Alamos				Los Alamos				Los Alamos			
Date	10/23/00				09/08/00				10/12/00				10/13/00				09/08/00				10/12/00			
Sample Location	South Fork Acid Canyon above confluence with Acid Canyon				South Fork Acid Canyon above confluence with Acid Canyon				South Fork Acid Canyon above confluence with Acid Canyon				South Fork Acid Canyon above confluence with Acid Canyon				Acid Canyon above confluence with South Fork Acid Canyon				Acid Canyon above confluence with South Fork Acid Canyon			
Sample ID	SFAC 0.01				SFAC 0.01				SFAC 0.01				SFAC 0.01				AC-0.5				AC-0.5			
	Dissolved				Dissolved				Dissolved				Dissolved				Dissolved				Dissolved			
Nuclide Name	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual
^{228}Ac	4.3	3.0	5.2	U	35.2	13.5	17.5		29.8	23.0	29.4		33.8	17.3	30.0		51.3	10.2	11.6		41.3	11.7	16.8	
^{110m}Ag	13.6	17.1	29.3	U	32.7	68.5	115.0	U	-8.8	102.0	170.0	U	53.0	103.0	174.0	U	-6.9	49.7	82.6	U	46.3	75.3	127.0	U
^{26}Al																								
^{241}Am	0.2	2.0	2.6	U	4.8	8.6	10.0	U	9.4	9.7	14.4	U	9.1	12.6	14.7	U	2.9	7.5	11.7	U	5.1	10.5	16.5	U
^{7}Be	1.5	8.1	13.7	U	18.3	31.1	52.4	U	10.8	53.4	89.6	U	-1.1	56.8	94.9	U	1.6	23.0	38.1	U	-7.5	41.8	69.0	U
^{212}Bi	7.0	11.4	19.2	U	75.4	44.1	75.2		117.0	64.3	111.0		49.3	63.9	108.0	U	39.3	34.7	48.1	U	39.4	43.6	72.2	U
^{214}Bi	7.4	2.7	2.6		65.7	10.2	10.2		46.8	12.7	18.1		88.5	14.5	14.9		49.4	7.4	7.2		81.7	11.9	10.2	
^{139}Ce	-0.25	0.7	1	U	0.50	2.7	5	U	3.70	4.2	7	U	0.63	4.4	7	U	1.80	2.4	4	U	0.75	3.5	6	U
^{144}Ce	-3.6	4.5	7.4	U	-6.2	18.5	28.6	U	-10.5	27.0	43.1	U	-5.9	28.4	44.1	U	-0.3	14.5	24.0	U	5.5	21.6	36.0	U
^{56}Co	-0.4	1.0	1.5	U	3.7	3.9	6.5	U	5.5	6.2	10.4	U	-0.1	6.5	10.7	U	0.5	2.6	4.3	U	-0.1	4.3	7.3	U
^{57}Co	0.27	0.6	0.9	U	1.60	2.2	3.7	U	0.55	3.3	5.5	U	-1.60	3.4	5.6	U	-0.01	1.8	3.1	U	-0.32	2.8	4.6	U
^{58}Co	-0.15	1.0	1.6	U	1.10	4.0	6.2	U	2.00	5.9	9.8	U	-3.30	6.3	10.2	U	-1.00	2.4	4.1	U	4.30	4.5	7.3	U
^{60}Co	-0.14	0.8	1.4	U	3.70	3.3	5.7	U	3.00	4.8	8.2	U	1.80	4.9	8.3	U	2.90	2.3	3.8	U	39.80	4.4	5.2	
^{51}Cr	-0.2	11.1	18	U	7.9	40.6	66	U	1.6	80.1	130	U	12.3	91.9	149	U	6.4	32.3	51	U	-24.4	77.4	122	U
^{134}Cs	0.17	0.9	1.2	U	-0.50	4.8	5.1	U	-0.62	5.3	7.5	U	-5.00	5.4	7.4	U	0.80	2.5	3.6	U	4.00	4.8	5.2	U
^{137}Cs	0.29	0.8	1.3	U	0.70	3.3	5.4	U	-0.83	4.7	7.7	U	-0.48	4.6	7.6	U	0.10	2.3	3.7	U	1.20	3.3	5.4	U
^{152}Eu	2.50	4.0	6.9	U	13.30	20.7	26.0	U	-3.60	22.3	36.8	U	23.40	23.2	40.5	U	14.60	10.8	18.3	U	10.80	15.7	26.3	U
^{154}Eu	0.14	1.1	1.9	U	1.90	4.4	7.3	U	-2.80	6.5	10.6	U	-0.54	6.5	10.8	U	-1.60	3.7	6.1	U	4.20	5.2	8.8	U
^{155}Eu	2.3	1.5	2.3		8.1	6.0	8.8	U	12.9	8.6	12.7		11.2	8.5	13.1	U	5.6	5.1	7.9	U	11.1	9.2	11.5	U
^{59}Fe	-0.3	2.4	3.8	U	3.6	8.5	13.9	U	7.3	15.4	25.4	U	13.2	16.3	27.3	U	-3.0	5.7	9.3	U	-2.8	11.6	19.0	U
^{131}I	-4	6	10	U	12	20	33	U	7	81	130	U	-79	136	216	U	-8	14	24	U	-72	126	210	U
^{40}K	163	20	13.5		1140	70.9	46.5		1390	120	67.5		1300	120	66.5		1510	62.4	32.8		1590	84	42.6	
^{54}Mn	-0.51	0.8	1.3	U	-2.50	3.2	5.2	U	-5.00	4.9	7.7	U	2.70	5.0	8.3	U	-2.00	2.2	3.6	U	2.50	3.4	5.8	U
^{22}Na	0.03	0.8	1.4	U	-1.30	3.4	5.4	U	-0.29	5.0	8.3	U	-2.70	5.0	8.1	U	1.80	2.3	3.9	U	-0.54	3.2	5.2	U
^{94}Nb	0.47	0.8	1.3	U	1.00	3.1	5.1	U	2.20	4.4	7.4	U	3.10	4.5	7.5	U	-0.80	2.1	3.4	U	-2.60	3.0	4.8	U
^{95}Nb	1.5	1.2	2	U	6.4	4.7	8	U	5.1	8.5	14	U	5.6	9.7	16	U	2.4	3.4	6	U	-5.8	7.6	12	U
^{234m}Pa	146	126.0	217	U	372	501.0	832	U	304	697.0	4490	U	726	730.0	1230	U	994	532.0	534		397	779.0	765	U
^{212}Pb	4.6	1.8	2.1		39.4	6.1	7.9		26.5	10.0	11.7		41.4	10.2	12.2		19.6	5.4	6.4		22.8	8.4	9	
^{214}Pb	6.9	2.0	2.6		56.4	8.0	10.3		32.8	12.2	14.6		86.3	14.1	14.5		31.9	6.1	7.7		63.1	9.7	10.6	
^{106}Ru	47.5	7.1	5.4		344	27.6	21.4		377	47.7	31		373	50.5	31.5		363	27.3	15		374	36.7	22	
^{124}Sb	-0.5	1.2	1.6	U	1.6	7.0	6.4	U	-5.5	7.7	10.7	U	-8.1	8.2	11.3	U	-1.5	2.9	4.5	U	13.1	5.3	8.3	
^{125}Sb	1.80	2.0	3.4	U	1.60	8.0	13.5	U	0.45	11.8	19.9	U	-7.60	11.9	19.7	U	0.80	6.0	10.1	U	-4.10	8.6	14.3	U
^{46}Sc	1.7	1.2	2.0	U	14.7	6.6	6.3		8.1	7.0	11.9	U	39.6	18.0	10.8		17.9	4.6	4.5		27.3	8.0	7.7	
^{85}Sr	5.5	1.1	1.9		39.2	4.2	7.2		48.8	7	11.9		51.7	7.4	12.7		16.3	2.6	4.7		17.8	4.5	8.1	
^{227}Th	10.5	5.7	8.5		56.6	22.8	33.1		64.5	32.6	47.8		66.6	33.8	49.5		-4.7	17.2	24.5	U	9.5	24.1	34.9	U
^{234}Th	24.7	16.3	13.6		260.0	75.3	52.6		252.0	99.1	76.6		197.0	92.9	77.8		702.0	69.4	47		735.0	110.0	68.1	
^{208}Tl	1.7	1.2	1.3		17.2	4.9	5.1		15.5	5.6	7.3		21.6	7.5	7.5		8	2.9	3.6		12.1	5.1	5.2	
^{235}U	1.7	1.2	8	U	13.2	4.7	30	U	21.1	7.4	44	U	24.3	8.4	44	U	33.0	4.7	24		37.3	6.7	34	
^{65}Zn	-1.9	2.0	3.1	U	1.0	8.7	12.1	U	-11.6	11.4	17.8	U	3.1	12.9	18.2	U	1.2	5.5	7.9	U	1.1	8.4	12.0	U

Watershed	Los Alamos				Los Alamos				Los Alamos			Los Alamos				Los Alamos			Los Alamos			Los Alamos			
Date	09/08/00				09/08/00				10/28/00			09/08/00				10/28/00			10/28/00			09/12/00			
Sample Location	Pueblo Canyon @ confluence with Pueblo North (PUN)				Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)				Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)			Pueblo Canyon near Bayo Treatment Plant				Pueblo Canyon near Bayo Treatment Plant			Outlet of Los Alamos Canyon Sed. Retention Structure			Outlet of Los Alamos Canyon Sed. Retention Structure			
Sample ID	PU 6.7				PUN 0.01				PUN 0.01			PU 2.0				PU 2.0			LA 5.0			LA 5.0			
	Dissolved				Dissolved				Dissolved			Dissolved				Dissolved			Dissolved			Dissolved			
Nuclide Name	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual
^{228}Ac	5.4	1.8	2.2		3.1	2.1	3.6	U	12.2 +/- 8.8	15.7	U	2.7	2.0	3.4	U	6.1 +/- 4.1	7.4	U	4.9 +/- 2.8	5.1	U	6.8	1.8	2.1	
^{110m}Ag	4.6	9.0	15.1	U	-4.6	12.2	20.2	U	22.1 +/- 55.8	94.8	U	-7.6	11.5	19.0	U	8.5 +/- 26.2	43.3	U	7.2+/- 18.5	31.3	U	-6.7	9.0	14.8	U
^{26}Al																									
^{241}Am	0.6	1.4	2.1	U	1.3	1.2	1.8	U	3.7 +/- 5.2	7.7	U	1.2	1.5	1.8	U	-3.0 +/- 2.3	3.7	U	-3.8 +/- 3.0	4.1	U	0.6	1.4	2.1	U
^{7}Be	0.2	4.0	6.7	U	-1.0	5.4	9.0	U	21.8 +/- 31.3	53.9	U	-3.2	5.3	8.8	U	2.3 +/- 14.8	24.5	U	3.4 +/- 10.1	17.1	U	-1.2	4.0	6.6	U
^{212}Bi	5.4	5.6	9.3	U	6.5	7.9	13.4	U	12.1 +/- 34.7	58.3	U	2.0	7.7	12.8	U	2.7 +/- 15.7	26.1	U	-8.9 +/- 11.3	17.1	U	4.3	5.5	9.1	U
^{214}Bi	18.0	1.5	1.3		13.8	1.7	1.8		42.7 +/- 7.6	7.5		13.6	1.8	1.8		10.1 +/- 3.2	3.8		11.0 +/- 2.8	2.5		12.9	1.5	1.3	
^{139}Ce	-0.40	0.4	1	U	-0.40	0.5	1	U	-1.2 +/- 2.4	3.8	U	-0.20	0.5	1	U	0.6 +/- 1.1	1.9	U	-1.4 +/- 0.9	1.3	U	-0.10	0.4	1	U
^{144}Ce	0.5	2.6	4.4	U	-1.4	3.1	5.1	U	-15.2 +/- 14.1	22.7	U	-0.3	3.3	5.0	U	1.1 +/- 6.8	11.3	U	4.5 +/- 5.3	9.0	U	-1.2	2.6	4.2	U
^{56}Co	0.1	0.5	0.8	U	0.4	0.7	1.1	U	0.3 +/- 3.7	6.1	U	0.3	0.7	1.1	U	0.2 +/- 1.7	2.8	U	0.38 +/- 1.1	1.9	U	0.3	0.4	0.8	U
^{57}Co	-0.40	0.3	0.5	U	0.30	0.4	0.6	U	-0.2 +/- 1.8	3.0	U	-0.02	0.4	0.6	U	0.6 +/- 0.9	1.5	U	0.6 +/- 0.7	1.2	U	0.20	0.3	0.6	U
^{58}Co	-0.10	0.4	0.7	U	-0.20	0.6	1.0	U	-1.7 +/- 3.5	5.6	U	-0.20	0.7	1.0	U	-0.3 +/- 1.7	2.8	U	-0.61 +/- 1.2	1.9	U	-0.20	0.4	0.7	U
^{60}Co	-0.01	0.4	0.7	U	0.50	0.6	1.0	U	1.3 +/- 2.4	4.3	U	1.00	0.6	1.1	U	-0.8 +/- 1.2	1.9	U	-0.05 +/- 0.9	1.4	U	0.07	0.4	0.6	U
^{51}Cr	-1.5	5.3	8	U	-2.6	6.7	11	U	-24.4 +/- 56.3	89.4	U	-3.2	6.8	11	U	7.9 +/- 24.4	39.0	U	-8.1 +/- 17.8	27.7	U	4.0	5.4	9	U
^{134}Cs	-0.40	0.5	0.6	U	-0.01	0.6	0.9	U	-0.2 +/- 2.8	3.9	U	0.60	0.6	0.9	U	1.1 +/- 1.3	2.0	U	-0.1 +/- 0.8	1.2	U	-0.10	0.4	0.6	U
^{137}Cs	-0.50	0.5	0.7	U	0.10	0.6	1.0	U	0.7 +/- 2.5	4.1	U	-0.20	0.6	0.9	U	-0.5 +/- 1.2	1.9	U	0.1 +/- 0.8	1.3	U	0.20	0.4	0.7	U
^{152}Eu	2.40	2.0	3.5	U	-0.10	2.9	4.8	U	10.3 +/- 12.4	22.2	U	-1.50	2.8	4.5	U	-0.9 +/- 6.1	10.0	U	1.8 +/- 3.7	6.2	U	0.40	2.0	3.2	U
^{154}Eu	-0.40	0.7	1.1	U	0.20	0.8	1.3	U	2.9 +/- 3.4	5.7	U	-0.50	0.8	1.3	U	0.3 +/- 1.7	2.8	U	-0.6 +/- 1.3	2.2	U	-0.20	0.7	1.1	U
^{155}Eu	1.6	1.2	1.5		1.0	1.1	1.6	U	3.4 +/- 4.5	6.9	U	1.4	1.1	1.6	U	3.6 +/- 2.2	3.3	U	-1.0 +/- 1.7	2.8	U	0.6	0.9	1.4	U
^{59}Fe	-0.4	1.0	1.6	U	1.4	1.4	2.4	U	-1.5 +/- 8.9	14.2	U	-0.5	1.4	2.3	U	2.9 +/- 4.3	7.4	U	1.5 +/- 2.7	4.6	U	0.1	1.0	1.7	U
^{131}I	0	2	3	U	-1	3	4	U	-113 +/- 123	190	U	-1	3	5	U	23.9 +/- 39.	61	U	23.0 +/- 26.0	45	U	1	2	4	U
^{40}K	241	12	6.1		165	15.4	8.5		303 +/- 49.8	40		137	12.6	7.9		168 +/- 27.2	16.9		184 +/- 20.9	12		227	11.1	5.3	
^{54}Mn	-0.01	0.4	0.7	U	-0.10	0.6	1.0	U	1.7+/- 2.7	4.6	U	0.50	0.6	1.0	U	0.73 +/- 1.3	2.2	U	-1.0 +/- 0.8	1.3	U	-0.20	0.4	0.6	U
^{22}Na	0.20	0.4	0.7	U	-0.30	0.6	0.9	U	-0.1 +/- 2.6	4.2	U	-0.20	0.6	1.0	U	-0.6 +/- 1.4	2.2	U	-0.4 +/- 0.9	1.4	U	-0.10	0.4	0.6	U
^{94}Nb	-0.06	0.4	0.6	U	-0.30	0.6	0.9	U	1.0 +/- 2.4	4.1	U	0.07	0.5	0.9	U	0.7 +/- 1.2	1.8	U	-0.8 +/- 0.8	1.2	U	-0.10	0.4	0.6	U
^{95}Nb	0.6	0.6	1	U	1.0	0.8	1	U	1.7 +/- 5.8	9.8	U	0.5	0.8	1	U	0.01 +/- 2.6	4.3	U	-0.6 +/- 1.8	2.8	U	0.2	0.6	1	U
^{234m}Pa	96	62.7	109	U	25	89.2	147	U	101 +/- 382	633.0	U	163	89.7	156		81.6 +/- 185	311.0	U	181 +/- 174	197.0	U	118	82.6	97	
^{212}Pb	4.1	0.9	1.2		4.2	1.1	1.5		10.4 +/- 4.2	6.4		6.4	1.2	1.4		6.0+/- 2.4	3.1	U	1.5 +/- 1.5	2.5	U	3.1	1.0	1.2	
^{214}Pb	16.2	1.3	1.4		9.9	1.5	1.8		30.8 +/- 7.7	7.8		12	1.4	1.8		11.5 +/- 4.2	3.7		6.0 +/- 2.3	2.9		9.9	1.1	1.4	
^{106}Ru	43	4.6	2.7		39.8	4.5	3.8		93.9 +/- 23.6	17.8		40	5.3	3.8		57.1 +/- 11.3	7.7		49.6 +/- 8.0	5.7		43.1	4.1	2.8	
^{124}Sb	0.4	0.5	0.8	U	-0.6	0.8	1.1	U	-2.3 +/- 4.6	6.4	U	-0.5	0.8	1.1	U	1.5 +/- 2.0	3.0	U	-1.5 +/- 1.4	1.9	U	-0.2	0.5	0.8	U
^{125}Sb	-1.20	1.1	1.7	U	-1.00	1.4	2.4	U	2.0 +/- 6.2	10.5	U	1.50	1.4	2.4	U	-0.1 +/- 3.0	5.0	U	-0.38 +/- 2.1	3.5	U	-0.50	1.1	1.8	U
^{46}Sc	4.5	0.8	0.8		3.1	1.1	1.2		9.8 +/- 7.4	5.9		3.1	1.4	1.1		2.7 +/- 2.1	3.7	U	2.1 +/- 1.7	2.4	U	3.7	0.8	0.8	
^{85}Sr	1.7	0.5	0.8		4	0.7	1.2		15.0 +/- 4.3	7.4		4.8	0.7	1.2		5.5 +/- 1.7	3.1		1.8 +/- 1.3	2	U	2.1	0.5	0.8	
^{227}Th	-1.1	3.2	4.6	U	6.4	4.2	6		30.6 +/- 17.4	26.2		10.2	4	5.9		16.9 +/- 8.3	12.7	U	-7.1 +/- 5.7	8.8	U	0.3	3.1	4.4	U
^{234}Th	76.5	15.8	8.9		29.1	12.6	9.6		67.9 +/- 29.0	40.9		32.3	17.6	9.5		42.4 +/- 19.2	20.3		81.1 +/- 30.7	17.2		83.7	17.6	8.4	
^{208}Tl	2.7	0.6	0.6		2.2	0.7	0.9		2.9 +/- 2.6	4.5	U	2.2	0.7	0.8		2.9 +/- 1.7	1.9	U	2.7 +/- 1.4	1.2	U	2.4	0.7	0.7	
^{235}U	4.2	0.9	5	U	1.7	0.8	5	U	-30.8 +/- 14.2	22.2	U	2.1	0.8	5	U	-2.0 +/- 6.8	11.2	U	4.2 +/- 1.8	8.9	U	4.8	0.9	4	
^{65}Zn	0.0	1.0	1.4	U	1.2	1.5	2.2	U	-0.1 +/- 6.6	9.1	U	-0.5	1.5	2.0	U	-3.8 +/- 3.1	4.6	U	1.1 +/- 2.1	3.2	U	1.0	1.0	1.4	U

Watershed	Los Alamos				Pajarito				Pajarito			Pajarito			Pajarito			Pajarito			Pajarito		
Date	9/8/200				09/08/00				10/28/00			05/02/00			05/25/00			07/24/00			07/24/00		
Sample Location	Guaje @ SR 502				Pajarito Canyon @ SR 501				Pajarito Canyon @ SR 501			Pajarito Canyon @ Waterfall aboveSR 501			Pajarito Canyon @ Waterfall aboveSR 501			Pajarito Canyon @ Waterfall aboveSR 501			SR 501 Pond		
Sample ID	GU 0.01				PA 10.4				PA 10.4			PA-10.6			PA-10.6			PA-10.6			PA-10.6		
	Dissolved				Dissolved				Dissolved			Total			Total			Total			Total		
Nuclide Name	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	11.6	6.5	8.7		11.0	5.9	8.5		5.5 +/- 4.2	7.5	U	35 +/- 29	22.0		15 +/- 20	19.0	U	ND	70.0		ND	90.0	
^{110m}Ag	-25.0	34.9	56.6	U	1.0	33.9	56.5	U	5.6 +/- 27.1	44.9	U	1.3 +/- 4.1	5.2	U	-0.3 +/- 3.9	5.4	U						
^{26}Al												0 +/- 0	5.8	SQ	0 +/- 0	6.8	SQ						
^{241}Am	2.0	4.4	6.9	U	1.4	4.4	6.8	U	-0.7 +/- 2.6	3.8	U	0 +/- 0	26.0	SQ	-6 +/- 16	27.0	U	ND	70.0		ND	70.0	
^{7}Be	26.0	31.2	53.4	U	-21.3	30.9	49.9	U	5.2 +/- 15.7	26.5	U	-20 +/- 300	130.0	U	-20 +/- 180	100.0	U	ND	200.0		ND	200.0	
^{212}Bi	8.5	18.4	30.4	U	0.2	17.3	27.9	U	15.9 +/- 18.0	31.0	U	-5 +/- 51	39.0	U	-10 +/- 120	39.0	U	ND	300.0		ND	300.0	
^{214}Bi	21.7	4.5	4.2		7.9	4.2	4		10.0 +/- 4.3	5		8 +/- 13	12	U	2.3 +/- 9.8	13	U	ND	60		ND	50	
^{139}Ce	0.07	1.8	3	U	-1.70	1.8	3	U	-0.4 +/- 1.1	1.9	U	0.9 +/- 5.4	5.4	U	0.4 +/- 4.7	5.3	U						
^{144}Ce	1.7	9.8	16.4	U	6.9	9.6	16.0	U	4.5 +/- 7.1	11.9	U	4 +/- 24	31.0	U	2 +/- 23	32.0	U						
^{56}Co	1.5	2.6	4.5	U	-1.9	2.6	4.2	U	-0.4 +/- 1.8	2.9	U	0 +/- 18	12.0	U	1 +/- 11	9.3	U						
^{57}Co	-0.51	1.2	2.1	U	-0.42	1.3	2.1	U	0.2 +/- 0.9	1.5	U	-0.6 +/- 3.2	4.2	U	0.7 +/- 3.0	4.2	U						
^{58}Co	-0.90	2.8	4.4	U	1.70	2.8	4.7	U	1.1 +/- 1.8	3.0	U	3 +/- 19	12.0	U	0 +/- 11	8.9	U						
^{60}Co	1.93	1.5	2.6	U	-1.10	1.3	2.0	U	4.8 +/- 1.3	2.0		-0.9 +/- 3.1	5.1	U	0.6 +/- 2.9	4.9	U	ND	30.0		ND	20.0	
^{51}Cr	-48.3	91.5	142	U	49.7	8.9	144	U	2.5 +/- 25.7	41.6	U	0 +/- 3400	410.0	U	0 +/- 1200	270.0	U						
^{134}Cs	-0.35	1.6	2.2	U	-0.44	1.5	2.2	U	0.9 +/- 1.3	1.9	U	0.2 +/- 3.2	4.9	U	0.9 +/- 3.2	5.1	U						
^{137}Cs	-0.68	1.4	2.1	U	0.26	1.3	2.2	U	0.4 +/- 1.3	2.1	U	-0.2 +/- 2.6	4.5	U	-1.4 +/- 2.9	4.9	U						
^{152}Eu	0.47	6.5	10.5	U	-0.76	6.4	10.2	U	0.4 +/- 6.2	10.5	U	-0.4 +/- 8.0	13.0	U	2.5 +/- 8.5	14.0	U						
^{154}Eu	0.41	2.2	3.6	U	-0.98	2.2	3.6	U	0.6 +/- 1.7	2.8	U	9 +/- 13	22.0	U	-6 +/- 16	27.0	U						
^{155}Eu	1.3	2.9	4.9	U	-1.3	2.8	4.7	U	-0.02 +/- 2.1	3.3	U	3.1 +/- 8.9	14.0	U	3.2 +/- 9.3	15.0	U						
^{59}Fe	7.0	8.7	1.4	U	4.1	8.2	14.0	U	2.5 +/- 4.6	7.8	U	0 +/- 130	46.0	U	-5 +/- 68	33.0	U						
^{131}I	11100	31000	52900	U	757	2160	3680	U	4.8 +/- 43.9	71	U	0 +/- 0	0	SQ	0 +/- 0	0	SQ						
^{40}K	416	34.1	20.3		434	38.1	17.9		166 +/- 24.9	19.9		32 +/- 62	76	U	-38 +/- 99	86	U	ND	300		ND	200	
^{54}Mn	-0.03	1.5	2.4	U	0.96	1.5	2.6	U	0.6 +/- 1.3	2.2	U	-0.5 +/- 4.3	5.8	U	-0.3 +/- 3.6	5.2	U						
^{22}Na	-1.14	1.5	2.3	U	-1.40	1.3	2.0	U	-0.03 +/- 1.2	2.0	U	-1.1 +/- 3.3	5.3	U	0.0 +/- 2.9	4.8	U						
^{94}Nb	-0.59	1.2	1.9	U	-0.27	1.2	2.0	U	-0.8 +/- 1.2	1.9	U	-0.2 +/- 2.5	4.3	U	-0.6 +/- 2.7	4.7	U						
^{95}Nb	6.9	7.1	12	U	3.0	6.7	11	U	0.7 +/- 2.6	4.3	U	-1 +/- 22	12.0	U	3 +/- 14	9.6	U						
^{234m}Pa	112	19.4	334	U	351	191.0	351		37.5 +/- 176	291.0	U	-400 +/- 3100	750.0	U	100 +/- 4100	800.0	U						
^{212}Pb	5.9	2.8	3.9		5.7	3.2	3.8		2.9 +/- 2.2	3.0	U	0 +/- 13	10.0	U	2.1 +/- 8.7	10.0	U	ND	70.0		ND	40.0	
^{214}Pb	14.2	4.0	4.6		6.6	3.2	5		8.4 +/- 3.6	4.4		9 +/- 12	11.0	U	0 +/- 12	13.0	U	ND	70.0		ND	40.0	
^{106}Ru	88.8	16.3	10.4		97.8	14.1	9.9		40.1 +/- 9.5	8.3		5 +/- 34	49	U	0 +/- 30	45	U						
^{124}Sb	2.2	3.5	5.7	U	-1.2	3.7	5.5	U	0.1 +/- 2.1	3.0	U	1 +/- 29	15.0	U	1 +/- 18	12.0	U						
^{125}Sb	0.13	3.7	6.2	U	-0.22	3.6	6.0	U	0.7 +/- 3.1	5.2	U	1.1 +/- 7.3	12.0	U	-0.2 +/-7.8	13.0	U						
^{46}Sc	8.3	4.0	4.7		6.8	4.7	4.3		2.3 +/- 2.1	3.7	U	0 +/- 14	10.0	U	1.5 +/- 8.7	7.6	U						
^{85}Sr	4.6	3.3	5.1	U	5.6	3.2	5.1		5.0 +/- 2.0	3.3		2 +/- 20	11	U	0 +/- 14	10	U						
^{227}Th	1.45	10.1	14.5	U	3.3	10	14.5	U	7.2 +/- 8.6	12.5	U	-5 +/- 48	24	U	-2 +/- 16	28	U						
^{234}Th	20.0	60.8	28.1	U	170.0	50.7	27.7		26.7 +/- 13.8	19.9		155 +/- 78	98.0	TI	-21 +/- 66	73.0	TI	ND	300.0		ND	200.0	
^{208}Tl	4	1.9	2.1		3.2	1.9	2.1		1.9 +/- 1.2	2.2	U	10.1 +/- 5.9	4.9		-8 +/- 46	5.6	U	ND	20		ND	30	
^{235}U	9.9	3.1	15	U	8.5	2.6	15	U	-2.5 +/- 6.9	11.3	U	1 +/- 14	24.0	U	0 +/- 16	27.0	U						
^{65}Zn	-2.6	4.0	5.4	U	0.5	3.7	5.4	U	-2.8 +/- 3.3	4.9	U	0.1 +/- 8.3	11.0	U	0.6 +/- 8.9	12.0	U						

Watershed	Pajarito				Pajarito			Pajarito			Pajarito				Pajarito				Pajarito			
Date	06/29/00				10/28/00			06/15/00			08/24/00				08/24/00				06/29/00			
Sample Location	Pajarito @ SR 501				Twomile Canyon @ SR 501			Pajarito Canyon upstream of Junction with Bulldog Gulch			Pajarito Canyon @ jct with TwoMile Canyon				Pajarito Canyon @ jct with TwoMile Canyon				Pajarito Canyon @ Twomile Canyon Confluence			
Sample ID	PA 10.6				TM 3.1			PA 8.9			PA 6.7				PA 6.7				PA 6.7			
					Dissolved			Dissolved			Total				Dissolved							
Nuclide Name	(pCi/g)	Unc.	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	UNC	MDC	Qual	(pCi/L)	UNC	MDC	Qual	(pCi/g)	Unc.	MDC	Qual
^{228}Ac	-15.0	38.0	17.0	U	10.1 +/- 3.5	4.2		-20 +/- 610	20.0	U	20.2	14.5	24.7	U	41.3	7.2	8.6		-1.0	16.0	18.0	U
^{110m}Ag	0.4	2.5	3.9	U	14.7 +/- 18.5	31.9	U	-0.2 +/- -2.9	4.6	U	-60.2	82.5	136.0	U	20.2	36.1	60.5	U	1.3	2.4	3.7	U
^{26}Al	0.6	2.8	4.9	U															0.0	0.0	6.1	SQ
^{241}Am	5.0	15.0	25.0	U	3.6 +/- 2.9	4.3	U	0 +/- 0	19.0	SQ	12.2	8.6	12.7	U	4.0	5.6	8.8	U	1.0	14.0	25.0	U
^{7}Be	2.0	41.0	47.0	U	2.6 +/- 10.7	17.9	U	-3 +/- 49	55.0	U	4.3	33.2	55.6	U	-11.2	14.6	24.0	U	-6.0	40.0	47.0	U
^{212}Bi	-4.0	50.0	33.0	U	7.0 +/- 10.6	17.8	U	9 +/- 23	39.0	U	14.9	54.6	90.8	U	32.0	23.0	37.9	U	2.0	20.0	34.0	U
^{214}Bi	-8.0	19	13	U	9.7 +/- 2.3	2.7		-9 +/- 21	14	U	81.0	14.9	12.9		115.0	30.8	5.4		10.3	6.3	11	U
^{139}Ce	0.80	2.5	4	U	0.7 +/- 0.9	1.5	U	-0.8 +/- 3.0	4.3	U	-2.00	3.2	5	U	-2.30	1.6	3	U	0.60	2.5	4	U
^{144}Ce	2.0	15.0	24.0	U	3.1 +/- 5.4	9.1	U	5 +/- 18	29.0	U	-22.8	22.2	33.9	U	-1.2	10.5	17.5	U	6.0	15.0	24.0	U
^{56}Co	-0.4	4.2	5.5	U	-0.2 +/- 1.2	1.9	U	0.2 +/- 5.3	6.9	U	-0.5	4.4	7.2	U	-1.2	1.7	2.8	U	1.2	4.1	5.4	U
^{57}Co	0.60	2.0	3.1	U	0.3 +/- 0.7	1.2	U	0.7 +/- 2.4	3.8	U	-3.20	2.7	4.3	U	-0.10	1.3	2.2	U	0.50	2.0	3.1	U
^{58}Co	-0.40	4.0	5.1	U	0.4 +/- 1.1	1.9	U	.3 +/- 4.7	5.9	U	1.00	4.0	6.7	U	-0.80	1.6	2.7	U	-0.60	4.0	5.1	U
^{60}Co	0.40	2.6	4.5	U	-0.01 +/- 0.8	1.2	U	-1.2 +/- 3.3	5.7	U	37.30	5.8	6.9		-0.80	1.7	2.6	U	0.40	2.4	4.2	U
^{51}Cr	0.0	86.0	68	U	1.1 +/- 18.9	30.0	U	2 +/- 98	75.0	U	-40.1	36.3	57	U	-0.6	17.1	27	U	-18.0	84.0	67	U
^{134}Cs	-0.60	2.2	3.7	U	0.2 +/- 0.9	1.3	U	1.3 +/- 2.8	4.7	U	-1.60	4.4	6.2	U	-1.60	1.9	2.6	U	1.60	2.3	3.7	U
^{137}Cs	0.10	2.3	4.0	U	-0.4 +/- 0.8	1.3	U	-0.2 +/- 2.9	4.9	U	-1.70	4.2	6.8	U	-0.60	1.7	2.7	U	-1.00	2.4	4.0	U
^{152}Eu	2.90	7.0	12.0	U	5.3 +/- 4.1	7.4	U	1.3 +/- 8.6	15.0	U	3.40	19.7	33.1	U	10.00	8.3	13.5	U	2.30	7.1	12.0	U
^{154}Eu	-5.00	14.0	24.0	U	-0.2 +/- 1.3	2.2	U	0 +/- 16	28.0	U	-2.30	5.5	9.0	U	-0.60	2.8	4.6	U	-6.00	14.0	24.0	U
^{155}Eu	-1.7	8.0	13	U	1.8 +/- 1.7	3.0	U	0 +/- 9.3	16.0	U	15.8	7.4	10.9		2.0	3.9	5.9	U	2.5	7.8	13	U
^{59}Fe	3.0	11.0	12.0	U	1.0 +/- 2.8	4.7	U	-4 +/- 16	17.0	U	3.2	8.5	14.0	U	-1.9	3.5	5.7	U	-2.0	12.0	13.0	U
^{131}I	0	490	58	U	36.1 +/- 28.0	50	U	-10 +/- 660	70	U	-1	8	12	U	0	4	6	U	0	410	53	U
^{40}K	87	78	79	B2	204 +/- 21.2	10.5		61 +/- 85	96	U	958	94.2	58.5		1490	44.8	24.7		97	68	75	B2
^{54}Mn	0.80	2.6	4.2	U	-0.3 +/- 0.8	1.4	U	-0.9 +/- 3.3	5.3	U	0.30	4.2	6.9	U	-1.10	1.6	2.6	U	-0.30	2.5	4.0	U
^{22}Na	-0.50	2.8	4.7	U	0.5 +/- 0.9	1.5	U	-0.9 +/- 3.2	5.4	U	0.60	4.4	7.1	U	0.90	1.7	2.8	U	0.50	2.6	4.4	U
^{94}Nb	0.30	2.4	4.2	U	-0.3 +/- 0.7	1.2	U	1.0 +/- 2.8	4.7	U	-1.60	4.0	6.5	U	1.80	1.7	2.6	U	0.90	2.5	4.3	U
^{95}Nb	-0.4	4.5	6	U	1.1 +/- 1.8	3.0	U	-0.2 +/- 5.0	6.1	U	4.5	4.5	8	U	0.4	1.9	3	U	-0.9	4.4	6	U
^{234m}Pa	-100	#####	680	U	19.1 +/- 124	208.0	U	200 +/- 1900	870.0	U	858	650.0	1110	U	763	351.0	398		90	####	700	U
^{212}Pb	10.1	9.6	8.9		3.4 +/- 1.8	2.3		-1 +/- 11	10.0	U	32.6	8.6	10.4		18.2	3.6	3.6		0.1	3.6	6.5	U
^{214}Pb	-5	14.0	12	U	6.9 +/- 2.3	2.8		-2.1 +/- 7.5	9.8	U	41.7	10.5	12.7		49.7	4.8	5.6		-3.6	9.1	10	U
^{106}Ru	-2	24	38	U	47.2 +/- 9.4	5.9		10 +/- 28	45	U	301	36.6	26.2		342	17.5	11.1		-1	24	40	U
^{124}Sb	0.3	3.8	4.5	U	0.2 +/- 1.3	2.1	U	-0.8+/- 6.1	7.2	U	-0.1	10.0	16.7	U	-1.1	2.2	2.9	U	-0.9	4.4	5.3	U
^{125}Sb	6.50	5.9	11.0	U	-0.7 +/- 2.3	3.7	U	0.8 +/- 7.3	12.0	U	0.10	10.0	16.7	U	3.70	4.5	7.5	U	-1.40	6.6	11.0	U
^{46}Sc	1.2	3.6	4.7	U	1.7 +/- 1.8	2.4	U	0.8 +/- 4.7	6.2	U	6.8	5.2	8.8	U	17.3	3.1	3.0		-0.7	3.7	5.0	U
^{85}Sr	8.5	5.7	6.6	TI	2.7 +/- 1.3	2.1		1.1 +/- 4.7	5.7	U	33.7	4.6	7.9		14.2	1.8	3		7.6	5.5	6.5	TI
^{227}Th	-10	120	26	U	-1.0 +/- 6.0	8.6	U	0 +/- 20	27	U	51.3	29.2	42.4		-0.2	12.8	18.3	U	-10	340	26	U
^{234}Th	66.0	74.0	67	U	65.3 +/- 35.1	16.7		220 +/- 120	81.0	TI	247.0	87.4	66.8		667.0	51.2	35.9		370.0	####	76	TI
^{208}Tl	5.9	6.6	5.2	U	1.4 +/- 1.5	1.3		5.9 +/- 3.8	4.6		23.6	6.8	6.3		13	2.6	2.6		-2.3	5.6	4.7	U
^{235}U	2.0	14.0	24	U	4.2 +/- 1.8	9.0	U	4 +/- 16	27.0	U	22.0	7.8	37	U	36.0	3.6	18		82.0	28.0	27	TI
^{65}Zn	0.6	5.9	9.3	U	0.2 +/- 2.0	2.9	U	0.2 +/- 7.2	11.0	U	-7.2	9.6	15.2	U	3.7	3.9	5.7	U	-0.7	5.8	9.3	U

Watershed	Pajarito				Pajarito			Pajarito			Pajarito			Pajarito			Water		
Date	06/29/00				10/23/00			10/23/00			10/23/00			10/28/00			10/28/00		
Sample Location	Pajarito Canyon @ Twomile Canyon Confluence				Pajarito Canyon @ TA-18 entrance			TA-54 Area G Tributary (below NPDES Station G-3)			Unnamed Tributary @ PA 2.2			Pajarito Canyon @ SR 4			Water Canyon @ SR 501		
Sample ID	PA @ TM				PA 4.8			AREA G TRIB			UN 0.01			PA 2.2			WA 9.9		
					Dissolved			Dissolved			Dissolved			Dissolved			Dissolved		
Nuclide Name	(pCi/g)	Unc.	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	9.0	17.0	20.0	U	3.0 +/- 3.9	6.6	U	8.4 +/- 2.4	2.7		5.8 +/- 2.4	3.0		8.6 +/- 4.4	5.7	U	1.7 +/- 4.4	7.4	U
^{110m}Ag	-0.7	2.9	4.5	U	4.6 +/- 23.3	39.2	U	2.4 +/- 12.4	20.8	U	6.4 +/- 12.6	21.3	U	1.8 +/- 19.0	31.8	U	5.8 +/- 26.9	45.5	U
^{26}Al	0.0	0.0	6.4	SQ															
^{241}Am	-1.0	14.0	24.0	U	5.2 +/- 2.3	3.4		2.6 +/- 1.9	3.0	U	0.88 +/- 1.9	3.0	U	1.0 +/- 2.8	4.1	U	0.7 +/- 2.5	3.7	U
^{7}Be	0.0	43.0	50.0	U	0.27+/- 11.1	18.5	U	-1.8 +/- 5.9	9.7	U	3.0 +/- 5.9	10.0	U	-2.1 +/- 9.8	16.1	U	1.8 +/- 15.2	25.6	U
^{212}Bi	0.0	22.0	37.0	U	0.87 +/- 14.8	24.3	U	11.0 +/- 7.9	13.5	U	2.8 +/- 8.0	13.0	U	4.5 +/- 10.6	17.6	U	3.9 +/- 15.8	25.6	U
^{214}Bi	17.0	13	12		18.7 +/- 3.8	3.5		11.1 +/- 2.3	1.8		12.8 +/- 1.8	1.9		10.2 +/- 2.6	2.6		8.3 +/- 3.2	4	
^{139}Ce	0.60	2.5	4	U	0.66 +/- 1.0	1.6	U	-0.78 +/- 0.57	0.9	U	0.05 +/- 0.57	0.9	U	-0.5 +/- 0.9	1.4	U	-0.1 +/- 1.1	1.9	U
^{144}Ce	0.0	17.0	26.0	U	8.2 +/- 6.1	10.3	U	-1.8 +/- 3.7	6.0	U	1.1 +/- 3.6	6.1	U	3.9 +/- 5.3	9.0	U	-1.1 +/- 6.9	11.3	U
^{56}Co	3.1	3.9	6.2	U	-0.01+/- 1.3	2.2	U	0.11 +/- 0.65	1.1	U	0.31 +/- 0.66	1.1	U	-0.4 +/- 1.2	1.9	U	0.4 +/- 1.8	3.0	U
^{57}Co	0.10	2.2	3.5	U	0.14 +/- 0.8	1.3	U	0.20 +/- 0.47	0.8	U	0.13 +/- 0.46	0.8	U	-0.2 +/- 0.7	1.2	U	0.1 +/- 0.9	1.4	U
^{58}Co	-0.60	4.7	5.9	U	-0.50 +/- 1.3	2.0	U	-0.72 +/- 0.63	1.0	U	0.15 +/- 0.64	1.1	U	-0.1 +/- 1.0	1.7	U	-0.6 +/- 1.7	2.8	U
^{60}Co	1.40	2.8	4.7	U	0.55 +/- 1.1	1.8	U	0.63 +/- 0.61	1.1	U	0.38 +/- 0.59	1.0	U	-0.8 +/- 0.8	1.3	U	0.8 +/- 1.2	2.1	U
^{51}Cr	-6.0	86.0	67	U	-1.2 +/- 14.7	23.7	U	-3.3 +/- 7.5	12.6	U	-1.6 +/- 7.4	12.5	U	3.3 +/- 18.1	28.9	U	1.2 +/- 25.1	40.5	U
^{134}Cs	-0.40	2.5	4.2	U	0.79 +/- 1.2	1.7	U	0.18 +/- 0.64	0.9	U	0.01 +/- 0.65	0.9	U	-0.6 +/- 0.9	1.2	U	0.4 +/- 1.4	2.0	U
^{137}Cs	-0.50	2.6	4.5	U	-0.04 +/- 1.1	1.9	U	-0.15 +/- 0.58	0.9	U	0.51+/- 0.60	0.9	U	-0.7 +/- 0.8	1.2	U	-1.0 +/- 1.3	2.0	U
^{152}Eu	0.20	7.9	13.0	U	-0.83 +/- 5.7	9.3	U	3.3 +/- 3.2	4.6	U	1.7 +/- 2.8	4.8	U	4.4 +/- 4.4	7.7	U	0.2 +/- 5.5	9.2	U
^{154}Eu	3.00	14.0	25.0	U	-0.08 +/- 1.5	2.5	U	-0.86 +/- 0.94	1.5	U	0.41+/- 0.94	1.6	U	0.6 +/- 1.4	2.3	U	0.4 +/- 1.7	2.8	U
^{155}Eu	0.7	8.7	15	U	2.5 +/- 1.9	3.1	U	0.12 +/- 1.2	2.0	U	0.26 +/- 1.2	2.1	U	0.3 +/- 1.7	2.9	U	2.3 +/- 2.2	3.3	U
^{59}Fe	-2.0	14.0	15.0	U	1.2 +/- 3.1	5.2	U	0.21 +/- 1.4	2.4	U	0.65 +/- 1.4	2.3	U	-2.2 +/- 2.7	4.2	U	0.7 +/- 4.4	7.3	U
^{131}I	10	450	53	U	-3.6 +/- 8.3	13	U	0.80 +/- 3.9	7	U	-2.0 +/- 3.6	6	U	3.3 +/- 29.2	50	U	2.5 +/- 41.0	68	U
^{40}K	69	47	74	U	185 +/- 26.2	17.6		221 +/- 16.4	8.3		221 +/- 15.4	7.8		189 +/- 22.5	12.3		163 +/- 24.2	18.7	
^{54}Mn	1.00	2.9	4.7	U	0.15 +/- 1.2	1.9	U	0.11 +/- 0.54	0.9	U	0.16 +/- 0.54	0.9	U	-0.3 +/- 0.8	1.4	U	-1.5 +/- 1.3	2.0	U
^{22}Na	0.60	2.8	4.7	U	-0.10 +/- 1.1	1.9	U	0.33 +/- 0.59	1.0	U	0.26 +/- 0.59	1.0	U	-0.6 +/- 0.8	1.3	U	0.6 +/- 1.3	2.2	U
^{94}Nb	0.70	2.6	4.4	U	-1.3 +/- 1.1	1.7	U	-0.11 +/- 0.52	0.9	U	0.15 +/- 0.54	0.9	U	-0.3 +/- 0.8	1.2	U	0.7 +/- 1.1	1.9	U
^{95}Nb	-0.8	4.6	6	U	-0.38 +/- 1.6	2.6	U	0.33 +/- 0.89	1.5	U	0.23 +/- 0.86	1.4	U	-1.6 +/- 1.8	2.7	U	-0.3 +/- 2.5	4.1	U
^{234m}Pa	60	440.0	770	U	71.0 +/- 173	289.0	U	177 +/- 89.3	157.0		94.7+/- 87.4	152.0	U	86.3 +/- 122	213.0	U	76.1 +/- 189	316.0	U
^{212}Pb	5.4	8.3	8.3	U	6.8 +/- 2.5	2.8		3.2 +/- 1.2	1.7		3.3 +/- 1.3	1.7		2.8 +/- 1.9	2.2		2.7 +/- 3.1	3.2	U
^{214}Pb	1.4	9.9	10	U	10.4 +/- 2.8	3.5		9.1 +/- 1.7	2.0		9.6 +/- 1.7	1.9		7.1 +/- 2.3	2.7		10.2 +/- 4.7	4.7	
^{106}Ru	5	25	40	U	39.6 +/- 10.1	7.5		46.9 +/- 7.0	3.8		41.9 +/- 5.9	3.9		51.2 +/- 9.5	5.4		47.6 +/- 12.0	8.6	
^{124}Sb	0.2	4.8	5.8	U	-0.73 +/- 1.6	2.2	U	0.02 +/- 0.83	1.2	U	0.23 +/- 0.74	1.2	U	-0.8 +/- 1.4	2.0	U	-0.5+/- 2.1	3.0	U
^{125}Sb	-3.00	7.0	12.0	U	-0.32 +/- 2.7	4.5	U	-0.32 +/- 1.5	2.5	U	0.82 +/- 1.5	2.4	U	-0.7 +/- 2.2	3.6	U	1.0 +/- 3.2	5.5	U
^{46}Sc	1.1	4.1	5.5	U	3.7 +/- 1.6	3.0		2.9 +/- 1.2	1.2		3.3 +/- 1.1	1.2		1.6 +/- 1.4	2.5	U	2.6 +/- 2.0	3.5	U
^{85}Sr	5.6	5.7	6.7	U	4.3 +/- 1.5	2.5		2.2 +/- 0.67	1.2		2.2 +/- 0.72	1.2		3.6 +/- 1.2	2.2		5.4 +/- 1.8	3.3	
^{227}Th	3	14	24	U	7.9 +/- 8.1	11.8	U	-0.20 +/- 4.4	6.3	U	0.63 +/- 4.5	6.4	U	-1.5 +/- 6.1	8.6	U	12.5 +/- 8.6	12.9	U
^{234}Th	157.0	90.0	69	TI	33.8 +/- 30.8	18.6		101 +/- 26.2	11.8		75.2 +/- 24.8	12.3		103 +/- 34.7	17.6		36.2 +/- 28.1	19.4	
^{208}Tl	9.1	6.3	5.8		3.8 +/- 1.3	1.8		1.8 +/- 0.86	0.86		2.1 +/- 0.91	0.91		1.9 +/- 1.3	1.4		2.0 +/- 1.8	1.7	
^{235}U	-100.0	#####	28	U	1.4 +/- 1.5	10.3	U	4.9 +/- 1.2	6.4	U	4.4 +/- 1.2	6.3	U	4.4 +/- 1.9	9.2	U	0.8 +/- 6.8	11.2	U
^{65}Zn	1.4	6.1	9.7	U	6.1 +/- 2.8	3.9		-1.4 +/- 1.5	1.9	U	0.43 +/- 1.4	2.0	U	-2.4 +/- 2.0	3.1	U	-2.2 +/- 3.1	4.8	U

MDC - Minimum Detection Concentration
Uncertainty - 2 sigma
SQ - Spectral Interference prevents accurate quantitation
U - Result is less than the sample specific MDC or less than the associated TPU

Table 5 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Gamma Spec-1

Watershed	Water			Water			Water			Water			Mortandad			Mortandad			Mortandad			Sandia		
Date	10/28/00			10/23/00			10/24/00			10/23/00			10/23/00			10/23/00			10/23/00			10/23/00		
Sample Location	Water Canyon @ SR 4			Water Canyon @ SR 4			Water Canyon @ SR 4			Portrillo Canyon @ SR 4			Mortandad Canyon downstream from Test Well 8			Canada del Buey @ TA-46 Gage Station			Canada del Buey @ SR 4 Gage Station			Sandia Canyon near TA-53 entrance		
Sample ID	WA 2.9			Wa 2.9			WA 2.9 (ISCO)			PO 1.8			MO 7.2			CDB 5.4			CDB 1.9			SA 5.6		
	Dissolved			Dissolved			Dissolved			Dissolved			Dissolved			Dissolved			Dissolved			Dissolved		
Nuclide Name	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	2.0 +/- 4.1	7.0	U	6.1 +/- 2.4	3.1		7.2 +/- 3.5	5.1		14.1 +/- 5.5	6.0		8.2 +/- 3.5	3.9		1.1 +/- 4.1	6.8	U	5.7 +/- 3.1	5.3		3.8+/- 3.0	5.2	U
^{110m}Ag	0.9 +/- 27.4	45.8	U	3.2 +/- 12.2	20.5	U	11.9+/- 15.9	25.5	U	3.4 +/- 24.9	41.6	U	6.4 +/- 16.8	28.4	U	20.0 +/- 23.4	40.4	U	15.9 +/- 18	30.9	U	-3.9 +/- 1.8	29.6	U
^{26}Al																								
^{241}Am	1.0 +/- 2.6	3.8	U	0.44 +/- 2.1	3.0	U	2.1 +/- 2.5	4.0	U	1.0 +/- 3.7	5.8	U	1.3 +/- 2.5	4.0	U	2.2+/- 2.3	3.4	U	0.28 +/- 1.7	2.5	U	-1.9 +/- 2.7	2.6	U
^{7}Be	7.4 +/- 15.0	24.5	U	2.0 +/- 5.4	9.0	U	0.47+/- 7.5	12.5	U	-3.4 +/- 11.9	19.6	U	4.8 +/- 7.7	13.1	U	4.1 +/- 11.1	18.8	U	3.7 +/- 8.5	14.5	U	5.7 +/- 8.4	14.3	U
^{212}Bi	7.6 +/- 16.5	28.8	U	-0.62 +/- 7.8	12.6	U	9.0 +/- 10.3	17.4	U	16 +/- 14.9	25.1	U	10.4 +/- 10.5	17.8	U	10.1+/- 14.8	25.3	U	6.7 +/- 11.8	19.9	U	-0.56 +/- 11.7	19.3	U
^{214}Bi	10.5 +/- 4.5	3.7		12.4 +/- 1.7	1.7		9.8 +/- 2.4	2.5		25.9 +/- 3.6	3.5		13.7 +/- 2.5	2.3		21.6 +/- 4	3.3		7.9 +/- 2.8	2.7		13.6 +/- 2.6	2.6	
^{139}Ce	0.2 +/- 1.1	1.9	U	0.50 +/- 0.55	0.9	U	0.33 +/- 0.73	1.2	U	-0.98+/- 1.1	1.8	U	-0.11 +/- 0.74	1.2	U	0.70 +/- 0.94	1.5	U	-0.19+/- 0.71	1.2	U	-0.08 +/- 0.72	1.2	U
^{144}Ce	-0.5 +/- 7.0	11.5	U	-0.34 +/- 3.6	5.9	U	-3.6 +/- 4.6	7.5	U	6.7+/- 7.3	12.3	U	-7.2 +/- 4.8	7.7	U	-1.9 +/- 6.1	10.0	U	-2.3 +/- 4.6	7.6	U	-1.4 +/- 4.5	7.4	U
^{56}Co	-1.2 +/- 1.7	2.7	U	0.31 +/- 0.66	1.1	U	0.33 +/- 0.83	1.4	U	-0.44+/-1.3	2.2	U	-0.53 +/- 0.86	1.4	U	0.62+/- 1.4	2.3	U	0.64 +/- 1.0	1.7	U	0.75 +/- 1.0	1.7	U
^{57}Co	0.06 +/- 0.9	1.4	U	0.04 +/- 0.46	0.8	U	0.45 +/- 0.68	1.0	U	0.72 +/- 0.92	1.6	U	0.49 +/- 0.62	1.0	U	5.7 +/- 0.77	1.3		-0.23 +/- 0.58	1.0	U	0.13 +/- 0.58	1.0	U
^{58}Co	0.4 +/- 1.7	2.8	U	0.32 +/- 0.68	1.0	U	0.15 +/- 0.90	1.4	U	-0.33 +/- 1.3	2.1	U	-0.32 +/- 0.85	1.4	U	-1.0+/- 1.3	2.0	U	0.69 +/- 1.0	1.6	U	-0.1 +/- 1.0	1.6	U
^{60}Co	-0.5 +/- 1.3	2.0	U	0.22 +/- 0.63	1.0	U	0.07 +/- 0.75	1.2	U	0.86 +/- 1.1	1.9	U	0.49 +/- 0.74	1.3	U	-0.55 +/- 1.1	1.8	U	3.4 +/- 1.0	1.4		0.72 +/- 0.85	1.5	U
^{51}Cr	6.6 +/- 25.4	40.7	U	3.3 +/- 7.7	12.3	U	-4.0 +/- 9.7	16.2	U	-2.9 +/- 17	26.7	U	-15.3 +/- 10.1	16.3	U	-3.2 +/- 14.3	23.0	U	2.9 +/- 10.9	17.7	U	-3.7 +/- 10.7	17.2	U
^{134}Cs	-1.3 +/- 1.4	1.9	U	0.32 +/- 0.63	0.9	U	0.03 +/- 0.84	1.2	U	0.64 +/- 1.2	1.7	U	0.20 +/- 0.79	1.1	U	0.17 +/- 1.2	1.7	U	-0.35 +/- 0.92	1.3	U	-0.05 +/- 0.91	1.3	U
^{137}Cs	-0.2 +/- 1.2	1.9	U	0.29 +/- 0.56	0.9	U	0.65 +/- 0.73	1.1	U	-0.09 +/- 1.2	1.9	U	1.5 +/- 1.0	1.3		0.16 +/- 1.1	1.9	U	-0.02 +/- 0.85	1.4	U	0.10 +/- 0.84	1.4	U
^{152}Eu	-0.8 +/- 5.6	9.3	U	2.2 +/- 2.9	4.9	U	2.4 +/- 3.8	6.5	U	7.3 +/- 5.7	10.0	U	2.2 +/- 3.5	6.0	U	3.5 +/- 5.2	9.2	U	-3.0 +/- 3.9	6.2	U	1.3 +/- 4.2	7.1	U
^{154}Eu	0.3 +/- 1.7	2.8	U	0.66 +/- 0.92	1.6	U	-1.7 +/- 1.2	1.9	U	0.19 +/- 1.8	3.1	U	-0.29 +/- 1.2	2.1	U	-0.79 +/- 1.6	2.5	U	0.38 +/- 1.2	1.9	U	-0.25 +/- 1.2	1.9	U
^{155}Eu	4.0 +/- 2.2	3.3		-0.02 +/- 1.2	2.0	U	0.10 +/- 1.6	2.6	U	-0.81 +/- 2.4	4.0	U	0.49 +/- 1.6	2.7	U	2.1+/- 2.0	3.0	U	2.0 +/- 1.6	2.3	U	1.2 +/- 1.5	2.3	U
^{59}Fe	0.8 +/- 4.5	7.4	U	-0.32+/- 1.5	2.4	U	-0.95 +/- 2.0	3.1	U	0.91 +/- 2.9	4.8	U	-1.5 +/- 1.9	3.0	U	0.87+/- 3.0	4.9	U	-0.64 +/- 2.2	3.6	U	-0.83 +/- 2.2	3.5	U
^{131}I	1.6 +/- 40.6	68	U	-0.29 +/- 3.3	6	U	3.0 +/- 5.2	9	U	4.3 +/- 9.1	16	U	-1.5 +/- 5.3	9	U	-4.9 +/- 7.7	12	U	0.39 +/- 5.5	9	U	-0.91 +/- 5.1	8	U
^{40}K	172 +/- 26.1	18.5		205 +/- 16.5	7.9		232 +/- 219	106		355 +/- 31.6	15.3		218 +/- 19.5	11.3		187 +/- 29.5	17.4		189 +/- 18.1	12		183 +/- 19.3	13.2	
^{54}Mn	0.8 +/- 1.3	2.2	U	0.08 +/- 0.54	0.9	U	0.09 +/- 0.72	1.2	U	1.2 +/- 1.1	2.0	U	0.01 +/- 0.72	1.2	U	-0.68 +/- 1.1	1.7	U	-0.09 +/- 0.89	1.5	U	0.50 +/- 0.82	1.4	U
^{22}Na	0.8 +/- 1.3	2.2	U	0.30 +/- 0.57	0.9	U	0.72 +/- 0.71	1.3	U	-0.75 +/- 1.2	1.8	U	2.8 +/- 1.4	1.2		-1.4 +/- 1.1	1.7	U	-0.31 +/- 0.85	1.4	U	0.21 +/- 0.82	1.4	U
^{94}Nb	-1.1 +/- 1.2	1.9	U	0.03 +/- 0.52	0.9	U	0.13 +/- 0.67	1.1	U	0.09 +/- 1.0	1.7	U	0.50 +/- 0.69	1.2	U	-0.34 +/- 1.1	1.7	U	0.57 +/- 0.84	1.4	U	0.30 +/- 0.87	1.4	U
^{95}Nb	4.1 +/- 2.6	4.7	U	0.84 +/- 0.85	1.3	U	-0.29 +/- 1.1	1.8	U	1.6 +/- 1.8	3.1	U	-0.42 +/- 1.2	1.8	U	2.2+/- 1.7	2.9	U	1.3 +/- 1.2	2.1	U	0.13 +/- 1.2	2.0	U
^{234m}Pa	120 +/- 191	325.0	U	104 +/- 87	153.0	U	40.0 +/- 116	197.0	U	341 +/- 181	327.0		146 +/- 105	189.0	U	87.4 +/- 169	284.0	U	112 +/- 128	218.0	U	120 +/- 132	226.0	U
^{212}Pb	4.5 +/- 3.3	3.0		3.4 +/- 1.2	1.6		3.6 +/- 1.8	2.2		14.1 +/- 3.3	3.3		3.2 +/- 1.7	2.1		6.7 +/- 2.1	2.9		3.5 +/- 1.8	2.1		6.6 +/- 1.6	2.2	
^{214}Pb	8.2 +/- 3.0	3.8		9.4 +/- 1.7	1.9		7.8 +/- 2.1	2.5		14.1 +/- 3.4	3.8		10.3 +/- 2.3	2.6		15 +/- 3.2	3.6		8.5 +/- 2.8	2.5		7.1 +/- 2.0	2.7	
^{106}Ru	49.6 +/- 9.9	8.5		40.6 +/- 6.7	3.7		46.1 +/- 7.6	5.1		83 +/- 11.7	8.1		67.6 +/- 9.3	5.2		52.4 +/- 10.8	7.1		41.4 +/- 7.1	5.5		47.7 +/- 8.5	5.5	
^{124}Sb	-3.1 +/- 2.3	3.0	U	0.13 +/- 0.84	1.1	U	-0.68 +/- 1.0	1.4	U	-0.01 +/- 1.4	2.3	U	0.53 +/- 1.0	1.5	U	-0.19 +/- 1.5	2.2	U	-0.70 +/- 1.2	1.6	U	0.17 +/- 1.2	1.7	U
^{125}Sb	-1.0 +/- 3.1	5.2	U	0.54 +/- 1.5	2.6	U	0.01 +/- 2.0	3.4	U	-1.3+/- 2.9	4.8	U	-0.27 +/- 2.0	3.3	U	-0.39 +/- 2.7	4.6	U	-0.06 +/- 2.1	3.5	U	0.49 +/- 2.1	3.5	U
^{46}Sc	4.0 +/- 2.1	3.8		3.6 +/- 1.1	1.1		3.2 +/- 1.4	1.5		7.4 +/- 2.1	2.1		4.3 +/- 1.4	1.5		6.6 +/- 2.9	2.4		2.9 +/- 1.2	2.2		2.4 +/- 1.5	2.0	
^{85}Sr	7.5 +/- 1.9	3.4		1.5 +/- 0.6	1.1		1.9 +/- 0.97	1.5		4.1 +/- 1.5	2.4		2.7 +/- 0.92	1.7		4.8 +/- 1.3	2.4		5.3 +/- 1.1	1.9		5.3 +/- 1.1	1.9	
^{227}Th	-0.5 +/- 8.6	12.1	U	0.94 +/- 4.3	6.2	U	-1.0 +/- 5.7	8.1	U	-1.7+/- 8.7	12.5	U	4.3 +/- 5.6	8.2	U	14.8 +/- 7.8	11.8		8.0 +/- 6.0	8.7	U	13.7 +/- 5.9	8.9	
^{234}Th	87.2 +/- 25.3	19.6		96.8 +/- 21.9	11.8		83.8 +/- 31.6	15.7		167 +/- 48.6	24.5		75.8 +/- 28.8	16.1		41.9 +/- 12.5	18.8		26.5 +/- 16.5	13.9		49.2 +/- 21	13.7	
^{208}Tl	2.1 +/- 1.3	2.2	U	2.8 +/- 0.95	0.87	U	1.8 +/- 1.2	1.2		6.8 +/- 2.2	1.8		1.6 +/- 1.4	1.2		3.1 +/- 1.5	1.8		2.8 +/- 1.7	1.3		3.7 +/- 1.4	1.3	
^{235}U	3.6 +/- 2.0	11.4	U	3.5 +/- 1.2	6.2		3.8 +/- 1.7	8.3	U	9.0 +/- 2.4	12.8	U	4.6 +/- 1.5	8.4	U	-1.5 +/- 6.2	10.2	U	1.9 +/- 1.6	7.9	U	1.9 +/- 1.1	7.8	U
^{65}Zn	-3.4 +/- 3.2	4.8	U	0.08 +/- 1.4	1.9	U	-0.47 +/- 1.8	2.4	U	-0.72+/- 2.9	4.0	U	1.4 +/- 1.7	2.6	U	1.7 +/- 2.9	4.3	U	3.8 +/- 2.1	3.1		-0.57+/- 2.2	3.0	U

MDC - Minimum Detection Concentration
Uncertainty - 2 sigma
SQ - Spectral interference prevents accurate quantitation
U - Result is less than the sample specific MDC or less than the associated TPU

Table 6 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Gross Alpha/Beta, Plutonium, Americium Activities

Sample ID	Sample Location	Date	Dissolved / Total	Gross Alpha (pCi/L)	Unc	DL	Gross Beta (pCi/L)	Unc	DL	^{238}Pu (pCi/L)	Unc	DL	$^{239/240}Pu$ (pCi/L)	Unc	DL	^{241}Am (pCi/L)	Unc	DL
Los Alamos Canyon Watershed																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	Dissolved	2.4	0.6	0.4	5.3	0.06	0.8	0.11	0.05	0.03	1.3	0.3	0.03	< 0.1	0.06	0.04
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	Dissolved							0.41	0.15	0.03	2	0.41	0.03			
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	Dissolved							0.5	0.3	0.1	2.6	0.8	0.1			
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	Dissolved							0.5	0.3	0.1	16.4	4	0.2			
AC 0.5	Acid Canyon above confluence with SFAC	09/08/00	Dissolved							0.31	0.14	0.04	0.16	0.1	0.04			
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	Dissolved							< 0.2	0.2	0.2	< 0.2	0.2	0.2			
PUN 0.1	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/28/00	Dissolved	2.2	0.9	0.9	18.2	1.5	1.3	< 0.1	0.07	0.1	< 0.07	0.03	0.07	0.05	0.05	0.05
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	Dissolved	3.3	1.3	1.5	31.1	2.2	1.8	0.06	0.02	0.006	0.03	0.02	0.006	0.4	0.12	0.01
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	Dissolved	3	1.1	0.9	30.9	2.1	1.6	0.06	0.02	0.005	0.04	0.02	0.005	0.07	0.04	0.01
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	Dissolved	6.8	2.3	2.1	43.7	3.1	2.4	0.07	0.03	0.006	0.04	0.03	0.006	0.02	0.01	0.02
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	Dissolved	1.3	0.5	0.5	11.7	0.9	0.9	0.09	0.04	0.03	0.11	0.05	0.03	< 0.05	0.03	0.05
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Dissolved	1.9	0.9	1.1	6.8	0.9	1.2	0.08	0.03	0.01	0.05	0.02	0.01	0.03	0.02	0.01
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Total	1.6	1.2	1.2	8.9	0.8	0.8	0.08	0.03	0.01	0.05	0.03	0.01	0.03	0.02	0.01
LA 12.0	Los Alamos Reservoir	08/31/00	Dissolved	4.3	1.7	2	22.5	2.1	2.3	0.08	0.03	0.01	0.03	0.02	0.01	0.02	0.01	0.01
LA 12.0	Los Alamos Reservoir	08/31/00	Total	9.4	2.4	2	27.4	3.4	4.3	0.06	0.02	0.01	0.03	0.02	0.01	0.03	0.02	0.01
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	Dissolved	2.9	1.1	1	14.9	1.2	1.2	0.07	0.04	0.04	0.03	0.03	0.03	< 0.05	0.04	0.05
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite 18:20 - 18:55	10/27/00	Dissolved															
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite 19:00 - 19:35	10/27/00	Dissolved															
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite 19:40 - 20:15	10/27/00	Dissolved															
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	Total															
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	Dissolved	2.2	1.1	1.7	40.4	5.7	1.7									
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	Total	39	21	30	92	19	30	0.0047	0.3	0.5	0.24	0.34	0.5	-0.2	2.2	4
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	09/12/00	Dissolved	4.5	1.6	1.7	30.2	2.1	1.6	0.06	0.02	0.005	0.04	0.02	0.005	0.03	0.01	0.01
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	Dissolved	1.4	0.5	0.4	15.9	1.1	0.8	0.06	0.03	0.03	< 0.03	0.02	0.03	< 0.09	0.05	0.09
GU 0.01	Gauje Canyon at State Road 502	09/08/00	Dissolved	8.8	2.7	1.8	43.4	3.3	3	0.07	0.04	0.04	< 0.03	0.02	0.03	< 0.05	0.04	0.05
Pajarito Canyon Watershed																		
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	Total	1.09	0.57	0.86	2.61	0.74	1.0									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	Total	1.33	0.55	0.79	3.11	0.78	1.0									
PA 10.6	Pajarito Canyon @ SR 501	06/29/00	Total	1.53	0.59	0.83	19.2	2.8	1									
PA 10.6	Pajarito Canyon @ SR 501	6/29/00 Duplicate	Total	2.08	0.59	0.71	17.3	2.5	0.96									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	Total															
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	Total															
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	Dissolved	2.6	1	0.8	21.1	1.6	1.4	0.06	0.04	0.04	< 0.04	0.03	0.04	< 0.09	0.04	0.09
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	Dissolved	2.3	0.8	0.7	12.2	1	1	0.07	0.04	0.05	< 0.13	0.02	0.05	< 0.06	0.03	0.06
TM 3.1	Twomile Canyon @ SR 501	10/28/00	Dissolved	1.5	0.7	0.8	14.3	1.2	1.1	0.12	0.06	0.05	< 0.07	0.03	0.07	< 0.04	0.02	0.04
SR 501 Pond	State Road 501 Pond	05/25/00	Total															
SR 501 Pond	State Road 501 Pond	07/24/00	Total															
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	Total	1.16	0.59		7.0	1.3										
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	Total															
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved	7.1	1.3	1	44.8	6.2	1.3									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved															
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved	8.1	1.5	1	43.4	6	1									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Total	15.7	4.2	2.1	37.0	2.9	2.5	< 0.04	0.05	0.04	0.05	0.04	0.05	1.5	0.7	0.4
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Dissolved	3.4	1.4	1.6	18.3	1.6	1.7	< 0.05	0.06	0.05	0.02	0.02	0.01	1.9	0.7	0.3
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	Dissolved	0.7	0.2	0.3	5.8	0.6	0.7	0.11	0.05	0.01	0.03	0.03	0.03	0.04	0.03	0.04
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G 3)	10/23/00	Dissolved	1.1	0.3	0.3	3.3	0.6	0.8	0.11	0.05	0.03	0.03 +/- 0.02	0.02	0.03	0.04	0.03	0.02
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	Dissolved	0.9	0.3	0.2	3.4	0.5	0.7	0.09	0.05	0.03	0.02	0.02	0.03	< 0.03	0.02	0.03
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	Dissolved	2.1	0.7	0.5	15	1.2	1.2	0.11	0.05	0.05	< 0.04	0.02	0.04	< 0.06	0.03	0.06
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total	< 0.7	0.4	0.7	3.5	0.7	1									
Water Canyon Watershed																		
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	Dissolved															
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	Total															
WA 9.9	Water Canyon @ SR 501	10/28/00	Dissolved	1.5	0.6	0.6	10.3	0.8	0.8	0.04	0.03	0.03	< 0.03	0.02	0.03	< 0.05	0.02	0.05
WA 2.9	Water Canyon @ SR 4	10/23/00	Dissolved	0.8	0.3	0.3	4	0.6	0.7	0.1	0.05	0.03	0.02	0.02	0.03	0.04	0.03	0.02
WA 2.9	Water Canyon @ SR 4	10/28/00	Dissolved	1.6	0.5	0.5	8.9	0.9	1.1	0.09	0.06	0.09	< 0.08	0.05	0.08	< 0.05	0.04	0.05
WA 2.9 (ISCO)	Water Canyon @ SR 4	10/24/00	Dissolved	0.9	0.3	0.3	4.9	0.6	0.8	0.1	0.05	0.03	0.03	0.02	0.03	< 0.04	0.02	0.04
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	Dissolved	1.6	0.4	0.3	4.2	0.6	0.7				4.2	0.6	0.7			
Sandia Canyon Watershed																		
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	Dissolved	4.2	1.8	1.5	14.7	1.4	1.6	0.09	0.04	0.02	0.02 +/- 0.02	0.02	0.02	0.04	0.03	0.02
Mortandad Canyon Watershed																		
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	Dissolved	6.6	2.1	0.6	51.3	2.5	0.8	1.3	0.2	0.02	1.5 +/- 0.3	0.3	0.02	2.1	0.5	0.03
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	Dissolved	1.8	0.5	0.3	7.8	0.7	0.8	0.11	0.05	0.03	0.01 +/- 0.01	0.01	0.03	0.03	0.03	0.02
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	Dissolved	1	0.3	0.3	4.1	0.6	0.7	0.1	0.05	0.01	0.02 +/- 0.02	0.02	0.03	0.03	0.03	0.03
Ancho Canyon																		
AN 0.01	Ancho Canyon @ Rio Grande	09/26/00	Total	0.7	0.4	0.6	2.6	0.7	1									
Rio Grande																		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	Dissolved															
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	Dissolved															
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	Dissolved							0.06	0.04	0.04	< 0.03	0.02	0.03	< 0.13	0.13	
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00	Dissolved							-0.04	0.06	0.05	0.06	0.04	0.06			
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00	Dissolved															
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	Dissolved															
Cochiti 01	Cochiti Reservoir Outlet	08/29/00	Dissolved							-0.04	0.07	0.04	< 0.06	0.04	0.06			
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	Dissolved							-0.06	0.08	0.07	< 0.06	0.04	0.06			

Qualifiers:
DL: Detection Limit
Uncertainty: +/- 2 x TPU
U = Below detection limit or associated uncertainty
ND = Non detect
< = Less than value
E,T = Result is less than requested MDC, greater than sample specific MDC
J = 'Estimated Value' - result between Method Detectionn Limit and Reporting Limit
Note. Am-241 from alpha spec.

Table 7 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Uranium and Thorium Activities

Sample ID	Sample Location	Date	Dissolved / Total	U(kpa)			^{234}U			^{235}U			^{238}U			^{228}Th			^{230}Th			^{232}Th		
				ug/L	unc	DL	(pCi/L)	Unc	DL	(pCi/L)	Unc	DL	(pCi/L)	Unc	DL	(pCi/L)	Unc	DL	(pCi/L)	Unc	DL	(pCi/L)	Unc	DL
Los Alamos Canyon Watershed																								
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	Dissolved				< 0.22	0.16	0.12	< 0.08	0.06	0.08	0.14	0.12	0.06									
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	Dissolved				0.47	0.34	0.32	< 0.34	0.14	0.34	< 0.32	0.25	0.32									
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	Dissolved																					
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	Dissolved																					
AC 0.5	Acid Canyon above confluence with SFAC	09/08/00	Dissolved				< 0.17	0.1	0.17	< 0.1	0.1	0.1	0.16	0.14	0.14									
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	Dissolved																					
PUN-0.01	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/28/00	Dissolved				0.4	0.23	0.12	< 0.11	0.01	0.11	0.45	0.24	0.09									
PUN-0.01	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	09/08/00	Dissolved				0.6	0.27	0.16	< 0.14	0.08	0.14	0.86	0.33	0.11	0.07	0.03	0.007	0.02	0.05	0.007	0.02	0.02	0.007
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	Dissolved				0.43	0.2	0.05	< 0.07	0.07	0.07	0.5	0.22	0.05	0.14	0.04	0.006	0.08	0.03	0.006	0.05	0.02	0.006
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	Dissolved				1.16	0.35	0.97	< 0.06	0.01	0.06	0.95	0.3	0.04	0.04	0.02	0.006	0.04	0.02	0.006	0.02	0.01	0.006
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	Dissolved				0.16	0.11	0.1	< 0.1	0.01	0.1	< 0.08	0.08	0.08									
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Dissolved				0.25	0.14	0.04	< 0.06	0.04	0.06	0.08	0.08	0.05	0.02	0.02	0.01	0.09	0.03	0.01	0.01	0.01	0.01
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Total				0.39	0.25	0.32	< 0.26	0.03	0.26	< 0.24	0.18	0.24	0.03	0.02	0.01	0.05	0.03	0.01	0.02	0.02	0.01
LA 12.0	Los Alamos Reservoir	08/31/00	Dissolved				0.5	0.3	0.28	< 0.24	0.08	0.24	0.45	0.27	0.22	0.05	0.03	0.01	0.15	0.06	0.01	0.05	0.03	0.01
LA 12.0	Los Alamos Reservoir	08/31/00	Total				1.66	0.51	0.14	0.09	0.1	0.08	0.45	0.22	0.06	0.13	0.04	0.01	0.1	0.04	0.01	0.06	0.03	0.01
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	Dissolved				0.13	0.1	0.09	< 0.06	0.06	0.06	0.28	0.15	0.05									
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite 18:20 - 18:55	10/27/00	Dissolved																					
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite 19:00 - 19:35	10/27/00	Dissolved																					
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite 19:40 - 20:15	10/27/00	Dissolved																					
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	Total																					
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	Dissolved																					
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	09/12/00	Dissolved				1.08	0.66	0.51	< 0.29	0.21	0.29	0.78	0.57	0.6									
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	Dissolved				0.36	0.21	0.18	< 0.17	0.06	0.18	0.25	0.17	0.14									
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	Total				4	1.1	1	-0.35	0.37	0.8	4.9	0.98	0.8									
GU 0.01	Guaje Canyon at State Road 502	09/08/00	Dissolved				1.26	0.56	0.07	0.16	0.15	0.09	0.93	0.44	0.17									
Pajarito Canyon Watershed																								
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	Total	< 0.13 J	0.02	0.2	0.088 LT	0.059	0.064	< 0.009	0.026	0.064	< 0.009	0.026	0.064									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	Total	0.2	0.03	0.2	0.116	0.039	0.032	0.025	0.018	0.023	0.04	0.024	0.03									
PA 10.6	Pajarito Canyon @ SR 501	06/29/00	Total																					
PA 10.6	Pajarito Canyon @ SR 501	6/29/00 Duplicate	Total																					
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	Total				1.5	1	1	-0.48	0.39	0.8	1.9	0.76	0.8									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11.02/00	Total																					
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	Dissolved				0.4	0.2	0.2	< 0.1	0.1	0.1	0.2	0.2	0.2									
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	Dissolved				0.38	0.19	0.08	0.04	0.05	0.05	0.13	0.17	0.07									
TM 3.1	Twomile Canyon @ SR 501	10/28/00	Dissolved				0.18	0.11	0.1	< 0.05	0.04	0.05	0.14	0.1	0.08									
SR 501 Pond	State Road 501 Pond	05/25/00	Total	0.48	0.07	0.2	0.13	0.041	0.03	0.042	0.024	0.027	0.105	0.038	0.033									
SR 501 Pond	State Road 501 Pond	07/24/00	Total				5.4	1.3	1	-0.6	0.42	0.9	4.1	1.1	1									
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	Total	1.27	0.17	0.2	0.56	0.18	0.086	0.055	0.049	0.03	0.46	0.16	0.058									
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	Total	0.73	0.1	0.2	0.26	0.11	0.067	< 0.018	0.03	0.056	0.21	0.11	0.11									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved				1.1	0.23	0.055	0.084	0.052	0.055	1.2	0.25	0.045									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved																					
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved				1.17	0.25	0.071	< 0.031	0.038	0.067	1.17	0.25	0.039									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Total				1.32	0.55	0.14	< 0.18	0.13	0.18	1.08	0.5	0.31	0.8	0.5	0.5	3	1	0.3	< 0.4	0.3	0.4
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Dissolved				0.87	0.45	0.31	< 0.4	0.04	0.39	0.61	0.39	0.41	< 0.3	0.1	0.3	1	0.5	0.2	< 0.3	0.1	0.3
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total																					
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	Dissolved				< 0.12	0.05	0.12	< 0.06	0.04	0.06	< 0.09	0.04	0.09									
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	Dissolved				< 0.11	0.08	0.11	< 0.14	0.01	0.14	< 0.11	0.05	0.11									
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	Dissolved				0.14	0.12	0.11	< 0.07	0.01	0.07	< 0.06	0.04	0.06									
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	Dissolved				0.45	0.21	0.04	< 0.05	0.05	0.05	0.44	0.21	0.02									
Water Canyon Watershed																								
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	Dissolved				-0.17	0.67	0.5	-0.29	0.32	0.6	0.13	0.42	0.5	0.27	0.65	0.9	-3.2	1.5	0.7	0.59	0.65	0.8
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	Total				-0.32	1	0.8	-0.46	0.38	0.8	0.3	0.68	0.8									
WA 9.9	Water Canyon @ SR 501	10/28/00	Dissolved				0.22	0.14	0.1	< 0.12	0.01	0.12	0.12	0.1	0.1									
WA 2.9	Water Canyon @ SR 4	10/23/00	Dissolved				0.16	0.13	0.16	< 0.16	0.02	0.16	< 0.13	0.08	0.13									
WA 2.9	Water Canyon @ SR 4	10/28/00	Dissolved				0.32	0.26	0.2	< 0.29	0.24	0.3	0.24	0.22	0.1									
WA 2.9 (ISCO)	Water Canyon @ SR 4	10/24/00	Dissolved				< 0.13	0.05	0.13	< 0.13	0.01	0.13	< 0.13	0.06	0.13									
PO 1.8	Pomrillo Canyon @ SR 4	10/23/00	Dissolved				0.11	0.13	0.1	< 0.23	0.22	0.23	< 0.1	0.07	0.1									
Sandia Canyon Watershed																								
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	Dissolved				< 0.11	0.09	0.11	< 0.12	0.05	0.12	0.1	0.09	0.09									
Mortandad Canyon Watershed																								
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	Dissolved				0.27	0.17	0.14	< 0.08	0.01	0.08	0.19	0.14	0.06									
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	Dissolved				< 0.2	0.09	0.2	< 0.18	0.02	0.16	< 0.15	0.07	0.15									
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	Dissolved				0.1	0.1	0.1	< 0.13	0.05	0.13	< 0.1	0.09	0.1									
Ancho Canyon																								
AN 0.01	Ancho Canyon @ Rio Grande	09/26/00	Total																					
Rio Grande																								
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	Dissolved				1.63	0.37	0.05	< 0.03	0.04	0.07	0.83	0.23	0.08									
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	Dissolved				3.24	0.67	0.06	0.1	0.07	0.03	3.16	0.65	0.05									
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	Dissolved				4.2	0.8	0.2	0.16	0.09	0.03	3.1	0.6	0.02									
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00	Dissolved																					
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00	Dissolved				1.21	0.21	0.03	0.05	0.05	0.03	0.61	0.19	0.03									
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	Dissolved				1.43	0.31	0.05	< 0.03	0.04	0.06	0.83	0.21	0.07									
Cochiti 01	Cochiti Reservoir Outlet	08/29/00	Dissolved																					
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	Dissolved																					

Qualifiers:
DL: Detection Limit
Uncertainty: +/- 2 x TPU
U = Below detection limit or associated uncertainty
ND = Non detect
< = Less than value
LT = Result is less than requested MDC, greater than sample specific MDC
J = 'Estimated Value' - result between Method Detection Limit and Reporting Limit

Table 8 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Strontium, Cesium, Curium, Tritium Activities

Sample ID	Sample Location	Date	Dissolved / Total	^{89}Sr (pCi/L)	^{89}Sr Unc	^{89}Sr DL	^{90}Sr (pCi/L)	^{90}Sr Unc	^{90}Sr DL	^{137}Cs (pCi/L)	^{137}Cs Unc	^{137}Cs DL	$^{243/244}Cm$ (pCi/L)	$^{243/244}Cm$ Unc	$^{243/244}Cm$ DL	^{3}H TU	^{3}H UNC(eTU)	^{3}H (pCi/L)	^{3}H DL pCi/L	^{3}H UNC pCi/L
Los Alamos Canyon Watershed																				
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	Dissolved				< 1	0.4	1	< 0.29	0.8	1.3								
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	Dissolved				9.8	2.4	4.6	< 0.7	3.3	5.4								
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	Dissolved				3.3	1.3	2.6	< -0.83	4.7	7.7								
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	Dissolved				7.7	1.5	2.6	< -0.48	4.6	7.6								
AC 0.5	Acid Canyon above confluence with SFAC	09/08/00	Dissolved				< 1.8	0.8	1.8	< 0.1	2.3	3.7								
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	Dissolved				< 2.6	1.1	2.6	< 1.2	3.3	5.4								
PUN 0.1	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/28/00	Dissolved	< 1.1	0.06	1.1	2.2	0.6	1.1	< 0.7	2.5	4.1								
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	Dissolved				6.4	0.6	0.9	< 0.1	0.6	1	< 0.04	0.01	0.04					
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	Dissolved				5	0.6	0.9	< -0.5	0.5	0.7	< 0.05	0.03	0.05					
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	Dissolved				6.8	0.7	0.9	< -0.2	0.6	0.9	< 0.02	0.01	0.02					
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	Dissolved	< 1.1	0.06	1.1	1.2	0.6	1.1	< -0.5	1.2	1.9								
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Dissolved				2.5	1	2.2	< -0.2	0.4	0.7	< 0.02	0.01	0.02					
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Total				< 2.2	1	2.2	< -0.01	0.6	0.9	< 0.01	0.01	0.01					
LA 12.0	Los Alamos Reservoir	08/31/00	Dissolved				4	0.6	1.1	< 0.5	0.4	0.7	< 0.01	0.01	0.01					
LA 12.0	Los Alamos Reservoir	08/31/00	Total				3.5	0.6	1.1	< 0.1	0.6	1	< 0.01	0.01	0.01					
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	Dissolved	< 1.1	0.05	1.1	< 1.1	0.5	1.1	< -0.6	1.8	2.8								
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite 18:20 - 18:55	10/27/00	Dissolved				0.77	0.330	0.5											
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite 19:00 - 19:35	10/27/00	Dissolved				0.66	0.290	0.4											
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite 19:40 - 20:15	10/27/00	Dissolved				0.37	0.280	0.4											
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	Total				15.7	2.9	0.4											
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	Dissolved																	
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	09/12/00	Dissolved							0.2	0.04	0.07	< 0.02	0.01	0.02					
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	Dissolved	< 1.1	0.06	1.1	1.9	0.6	1.1	< 0.1	0.8	1.3								
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	Total				6.1	1.2	2.0	ND		30								
GU 0.01	Guaje Canyon at State Road 502	09/08/00	Dissolved				5.9	1.1	1.9	< -0.68	1.4	2.1								
Pajarito Canyon Watershed																				
TM 3.1	Twomile Canyon @ SR 501	10/28/00	Dissolved	< 1.1	0.06	1.1	2	0.6	1.1	< -0.4	0.8	1.3								
SR 501 Pond	State Road 501 Pond	05/25/00	Total													43.6	1.4			
SR 501 Pond	State Road 501 Pond	07/24/00	Total				9.2	1.2	2.0											
PA 10.6	Pajarito Canyon @ Waterfall above/SR 501	05/02/00	Total							< 0.2	2.6	4.5				11.8	0.4			
PA 10.6	Pajarito Canyon @ Waterfall above/SR 501	05/25/00	Total													10.3	0.3			
PA 10.6	Pajarito Canyon @ SR 501	06/29/00	Total							< 0.1	2.3	4								
PA 10.6	Pajarito Canyon @ Waterfall above/SR 501	07/24/00	Total				1.8	1	2.0											
PA 10.6	Pajarito Canyon @ Waterfall above/SR 501	11/02/00	Total				1.08	0.35	0.4											
PA 10.6	Pajarito Canyon @ SR 501	6/29/00 Duplicate	Total																	
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	Dissolved				3.2	0.6	1.0	< 0.26	1.3	2.2								
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	Dissolved	< 1.1	0.05	1.1	< 1.1	0.5	1.1	< 0.4	1.3	2.1								
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	Dissolved							= 0.2	2.9	4.9				16.5	0.5			
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	Total													33.3	1.1			
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved							= -1	2.4	4								
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved																	
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Total				3.6	0.7	1.4	< -1.7	4.2	6.8	< 0.3	0.1	0.3					
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Dissolved				1.7	0.6	1.4	< -0.6	1.7	2.7	< 0.5	0.3	0.5	17.4	0.6	56.06	1.93	3.87
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved							< -0.5	2.6	4.5								
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	Dissolved				< 1.1	0.4	1.1	< -0.04	1.1	1.9								
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	Dissolved				< 1	0.4	1.0	< -0.15	0.58	0.92								
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	Dissolved				< 1.1	0.4	1.1	< -0.51	0.6	0.93								
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	Dissolved	< 1.1	0.06	1.1	< 1.7	0.6	1.1	< -0.7	0.8	1.2								
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total				< 0.6	0.3	0.6											
Water Canyon Watershed																				
WA 9.9	Water Canyon @ SR 501	10/28/00	Dissolved	< 1.1	0.05	1.1	< 1.1	0.5	1.1	< -1	1.3	2								
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	Dissolved				< 0.28	1.3	2.6							10.0	0.3	32.22	0.97	1.93
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	Total																	
WA 2.9	Water Canyon @ SR 4	10/23/00	Dissolved				< 1.1	0.4	1.1	< 0.29	0.56	0.93								
WA 2.9	Water Canyon @ SR 4	10/28/00	Dissolved	< 1.1	0.05	1.1	< 1.1	0.5	1.1	< -0.2	1.2	1.9								
WA 2.9 (ISCO)	Water Canyon @ SR 4	10/24/00	Dissolved				< 1	0.4	1.0	< -0.65	0.73	1.1								
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	Dissolved				< 1.9	0.8	1.9	< 0.64	1.2	1.7								
Sandia Canyon Watershed																				
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	Dissolved				< 1.1	0.5	1.1	< 0.1	0.84	1.4								
Mortandad Canyon Watershed																				
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	Dissolved				9.7	0.8	1.0	< 0.2	0.79	1.1								
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	Dissolved				< 1.1	0.5	1.1	< 0.16	1.1	1.9								
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	Dissolved				< 1.1	0.5	1.1	< 0.35	0.92	1.3								
Ancho Canyon																				
AN 0.01	Ancho Canyon @ Rio Grande	09/26/00	Total				< 0.6	0.3	0.6											
Rio Grande																				
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	Dissolved																	
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	Dissolved																	
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	Dissolved																	
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00	Dissolved																	
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	Dissolved																	
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00	Dissolved																	
Cochiti 01	Cochiti Reservoir Outlet	08/29/00	Dissolved																	
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	Dissolved																	

Qualifiers:
DL: Detection Limit
Uncertainty: +/- 2 x TPU
U = Below detection limit or associated uncertainty
ND = Non detect
< = Less than value
LT = Result is less than requested MDC, greater than sample specific MDC
I = 'Estimated Value' - result between Method Detection Limit and Reporting Limit
Note. Cs-137 from gama spec.

Table 9. NMED DOE Oversight 2000 Surface and Stormwater Analytical Results: General Chemistry-1

				pH	WAD Cyanide	DL	Cyanide Amenable	DL	Total Cyanide	DL	Total Alkalinity	DL	Ammonia as N	DL
Sample ID	**Sample Location**	**Date**	**Time**	**S.U.**	**(mg/L)**		**(mg/L)**		**(mg/L)**		**mg/L**		**(mg/L)**	
Los Alamos Canyon Watershed														
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30						0.037	0.002	153	5	1.8	0.5
PUN 0.01	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/28/00	14:00		<0.005	0.005	<0.005	0.005	<0.005	0.005	108	5.000	<0.5	0.500
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50						0	0.002	112	5.000	1	0.500
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00											
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00											
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00											
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30											
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00											
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15											
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00						0.03	0.002			1.5	0.5
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08		<0.005	0.005	<0.005	0.005	<0.005	0.005	60.000	5.000	<0.5	0.500
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10		<0.01	0.01			<0.005	0.005	111	2	<0.05	0.05
LA 12.0	Los Alamos Reservoir	08/31/00	11:00		<0.01	0.01			<0.005	0.005	211	2	0.64	0.05
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45		<0.005	0.005	<0.005	0.005	<0.005	0.005	116	5.000	<0.5	0.500
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:20											
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:25											
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:30											
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:35											
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:40											
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:45											
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:50											
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:55											
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	18:20 - 18:55											
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:00											
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:05											
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:10											
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:15											
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:20											
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:25											
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:30											
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:35											
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:00 - 19:35											
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:40											
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:45											
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:50											
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:55											
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:00											
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:05											
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:10											
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:15											
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:40 - 20:15											
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:21											
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:26											
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	11:25				<.01	0.010	<.005		281	2.000	1	0.050
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	09/12/00	10:33								258	5	<0.5	1
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	10:05		<0.005	0.005	<0.005	0.005	<0.005	0.005	71.000	5.000	<0.5	0.500

Table 9. NMED DOE Oversight 2000 Surface and Stormwater Analytical Results: General Chemistry-1

				pH	WAD Cyanide	DL	Cyanide Amenable	DL	Total Cyanide	DL	Total Alkalinity	DL	Ammonia as N	DL
Sample ID	**Sample Location**	**Date**	**Time**	**S.U.**	**(mg/L)**		**(mg/L)**		**(mg/L)**		**mg/L**		**(mg/L)**	
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31											
Pajarito Canyon Watershed														
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20										ND	0.100
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	10:30						<0.01	0.010			<0.5	0.500
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	06/29/00	11:10						0.015					
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/11/00	7:10	7.50					<0.005	0.005	215		0	
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	9:05	7.59					<0.005		219			
PA 10.6(F)	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00										<0.5	0.500
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00				<0.01	0.010	0	0.010			<0.5	0.500
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50											
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	13:00		<0.005	0.005	<0.005	0.005	<0.005	0.005	107	5.000	<0.5	0.500
SR 501 Pond	State Road 501 Pond	05/25/00	12:15						<0.01	0.010			<0.5	0.500
SR 501 Pond	State Road 501 Pond	07/24/00	9:50	7.24					<0.005		420		0	
TM 3.1	Twomile Canyon @ SR 501	10/28/00	13:15		0.041	0.005	0.010	0.005	0.028	0.005	84	5.000	<0.5	0.500
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	15:20						0.01	0.01			0.5	0.5
BU 0.01	Bulldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30						0.01	0.01			0.5	0.5
PA 6.7	Pajarito Canyon @ jct. With TwoMile Canyon	06/29/00	8:30						0.019					
PA @ TM	Pajarito Canyon @ jct. With TwoMile Canyon (PA 6.7 Dup)	06/29/00	9:30						0.015					
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55						<0.005	0.005	152	2.000	<0.5	0.500
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05											
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17											
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55											
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00		<0.005	0.005	<0.005	0.005	<0.005	0.005	119.000	5.000	<0.5	0.500
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total						<.002	0.002			<0.5	0.500
Water Canyon Watershed														
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40						<0.005		119		<.05	
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30		<0.005	0.005	<0.005	0.005	<0.005	0.005	67	5.000	<0.5	0.500
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40											
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30											
WA 2.9 ISCO	Water Canyon @ SR 4	10/24/00	15:00 - 17:00											
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10		<0.005	0.005	<0.005	0.005	<0.005	0.005	52	5.000	<0.5	0.500
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	14:40											
Sandia Canyon Watershed														
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41											
SA 5.6	Sandia Canyon near TA-53 entrance	10/28/00			<0.005	0.005	<0.005	0.005	<0.005	0.005				
SA 5.6	Sandia Canyon near TA-53 entrance	10/28/00	10:00		<0.005	0.005	<0.005	0.005	<0.005	0.005				
Mortandad Canyon Watershed														
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55											
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50											
CDB 1.9	Canada del Buey @ SR 4	08/18/00	17:50											
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00											
Ancho Canyon														
AN 0.01	Ancho Canyon @ Rio Grande	09/26/00	Total						<0.002	0.002			<0.5	0.500
Rio Grande														
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30											
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30											
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00											
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00	12:30											

Table 9. NMED DOE Oversight 2000 Surface and Stormwater Analytical Results: General Chemistry-1

				pH	WAD Cyanide	DL	Cyanide Amenable	DL	Total Cyanide	DL	Total Alkalinity	DL	Ammonia as N	DL
Sample ID	**Sample Location**	**Date**	**Time**	**S.U.**	**(mg/L)**		**(mg/L)**		**(mg/L)**		**mg/L**		**(mg/L)**	
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00	12:30											
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	1:45											
Cochiti 01	Cochiti Reservoir Outlet	08/03/00	10:00											
Cochiti 01	Cochiti Reservoir Outlet	08/29/00	8:52											
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	9:20											

** - Total Suspended Load (Dry Weight) is a calculated value using 52.34 as a percent moisture value to convert wet weight to dry weight. 52.34 is the average of five actual percent moisture values (range 30.4 to 65.9).

J9 - LCS or surogate %R is < lower control limit (LCL), results may be biased low

TAble 10. NMED DOE Oversight 2000 Surface and Stormwater Analytical Results: General Chemistry-2

				Total Organic Carbon	DL	Total Dissolved Solids (TDS)	DL	Total Suspended Solids (TSS)	DL	Total Suspended Load (Wet Weight)	DL	Total Suspended Load (Dry Weight)	DL
Sample ID	**Sample Location**	**Date**	**Time**	**(mg/L)**		**(mg/L)**		**(mg/L)**		**(mg/L)**		**(mg/L)**	
Los Alamos Canyon Watershed													
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30			410	5			240000	10	114384	**
PUN 0.01	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon	10/28/00	14:00							1321.70	0.010	630	**
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50			426	5.000			130000	10.000	61958	**
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00			134.00	5.00			34000.00	0.01	18088.00	**
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00			546.00	5.00			7600.00	0.01	2591.60	**
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00			184	5.00			8300	0.01	3955.78	**
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30							606.00	0.01	288.82	**
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00			190.00	5.00			22000.00	0.01	9328.00	**
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15			76.0	5.00			57000	0.01	39672.00	**
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00			374	5			140000	10	66724	**
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08							7744.600	0.010	3691.076	**
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	7.6	0.7	180	20	<5	5				
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	61	0.7	369	20	34	5				
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45							3212	0.010	1531	**
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:20									1839	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:25									2593	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:30									2557	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:35									2933	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:40									2869	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:45									2420	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:50									2387	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:55									3528	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	18:20 - 18:55										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:00									4212	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:05									3021	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:10									4212	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:15									3792	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:20									3415	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:25									4207	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:30									3206	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:35									2844	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:00 - 19:35										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:40									2411	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:45									2232	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:50									2273	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:55									2369	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:00									2179	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:05									2026	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:10									1981	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:15									2079	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:40 - 20:15										
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:21										
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:26										
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	11:25										
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	09/12/00	10:33			340	5			3100	0	1209	**
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	10:05							2085.500	0.010	993.949	**
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31							186231		88757.6946	**
Pajarito Canyon Watershed													
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	3		76	20.000	20	20.000				
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	10:30	3		110	20.000	20	20.000				
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	06/29/00	11:10	70									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/11/00	7:10			285	-	<5	5.000				
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	9:05	16		268		<5					
PA 10.6(F)	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00										
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	5		160	20.000	<20	20.000				
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50							22939.300	0.010	10932.870	**
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	13:00							350	0.010	167	**
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	21		720	20.000	20	20.000				
SR 501 Pond	State Road 501 Pond	07/24/00	9:50			764		382					
TM 3.1	Twomile Canyon @ SR 501	10/28/00	13:15							2175.70	0.010	1037	**
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	15:20	8.4		200	20	20	20				
BU 0.01	Bulldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	5		200	20	20	20				
PA 6.7	Pajarito Canyon @ jct. With TwoMile Canyon	06/29/00	8:30	100									
PA @ TM	Pajarito Canyon @ jct. With TwoMile Canyon (PA 6.7 Dup)	06/29/00	9:30	100									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	37	0.700	286	20.000	104	5.000				
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05							2220.70	0.010	1058	**
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17							5085.00	0.010	2424	**
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55							4250.70	0.010	2026	**
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00							10596.200	0.010	5050.149	**
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total										
Water Canyon Watershed													
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	3		80		<5		<10000	10000.000		
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30							1985	0.010	946	**
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40							<10000	10000.000		
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30							2476.40	0.010	1180.252	**
WA 2.9 ISCO	Water Canyon @ SR 4	10/24/00	15:00 - 17:00							3705.40	0.01	1765.99364	**
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10							5853	0.010	2789	**
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	14:40							7530.00	0.010	3589	**
Sandia Canyon Watershed													
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41							609.800	0.010	290.631	**
SA 5.6	Sandia Canyon near TA-53 entrance	10/28/00											
SA 5.6	Sandia Canyon near TA-53 entrance	10/28/00	10:00										
Mortandad Canyon Watershed													
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55							2046.50	0.010	975	**
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50							1256.40	0.010	598.800	**
CDB 1.9	Canada del Buey @ SR 4	08/18/00	17:50							15100.000		7196.660	**
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00							19654.3	0.010	9367.239	**
Ancho Canyon													
AN 0.01	Ancho Canyon @ Rio Grande	09/26/00	Total										
Rio Grande													
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30							15878	0.010	7567	**
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30							46546	0.01	22183.8236	**
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00							36329.50	0.01	17314.64	**
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00	12:30	3.6						<10000	10000		
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00	12:30							<10000	10000		
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	1:45							1326.04	0.01	631.990664	**
Cochiti 01	Cochiti Reservoir Outlet	08/03/00	10:00							<10000	10000.00		
Cochiti 01	Cochiti Reservoir Outlet	08/29/00	8:52							<10000	10000.00		
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	9:20							990.00			

** - Total Suspended Load (Dry Weight) is a calculated value using 52.34 as a percent moisture value to convert wet weight to dry weight. 52.34 is the average of five actual percent moisture values (range 30.4 to 65.9).

J9 - LCS or surogate %R is < lower control limit (LCL), results may be biased low

TAble 11. NMED DOE Oversight 2000 Surface and Stormwater Analytical Results: General Chemistry-3

Sample ID	Sample Location	Date	Time	Bicarbonate mg/l $CaCO_3$	DL	Carbonate mg/l $CaCO_3$	DL	Total Phosphorus as P (mg/L)	DL	Total Phosphorus as (PO_4) (mg/L)	DL	Flouride (mg/L)	DL
Los Alamos Canyon Watershed													
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30	153	2	<2	2			<0.01		0.1	0.1
PUN 0.01	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon	10/28/00	14:00	108	2	<2	2	0.186	0.002			<0.10	0.100
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50	112	2	<2	2			0	0.010	<0.1	0.100
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00										
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00										
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00										
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30										
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00										
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15										
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	155	2	<2	2			0.17	0.01	0.1	0.1
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08	60.000	2	<2	2	0.206	0.002			0.120	0.100
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	<2	2	<2	2	0.24	0.02	0.74	0.02	<0.10	0.1
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	211	2	<2	2	0.95	0.2	2.91	0.02	<0.10	0.1
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45	116	2	<2	2	0.154	0.002			<0.10	0.100
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:20										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:25										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:30										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:35										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:40										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:45										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:50										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:55										
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	18:20 - 18:55	83	20	<20	20					<0.1	0.100
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:00										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:05										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:10										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:15										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:20										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:25										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:30										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:35										
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:00 - 19:35	64	20	<20	20					<0.1	0.100
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:40										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:45										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:50										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:55										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:00										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:05										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:10										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:15										
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:40 - 20:15	52	20	<20	20					<0.1	0.100
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:21										
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:26										
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	11:25	281	2	<2	2	0	0.020	0		0	0.100
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	09/12/00	10:33	315	5	<5	5			0	0	0	0
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	10:05	71	2	<2	2	0.143	0.002			0.14	0.100
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31										
Pajarito Canyon Watershed													
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	46	5	5	5			0	0.050	<0.1	0.100
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	10:30	62	10	10	10			0	0.050	<0.1	0.100
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	06/29/00	11:10										
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/11/00	7:10	215		<2	2	0	-	1	-	0	-
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	9:05	219		<2		0		2		0	
PA 10.6(F)	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00					0	0.050				
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	100	20	<20	20	0	0.050			<0.1	0.100
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50										
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	13:00	107	2	<2	2	0.236	0.002			0.10	0.100
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	64	10	10	10			0	0.050	0	0.100
SR 501 Pond	State Road 501 Pond	07/24/00	9:50	420		<2		2		5		0	
TM 3.1	Twomile Canyon @ SR 501	10/28/00	13:15	84	2	<2	2	0.297	0.002			<0.10	0.100
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	15:20	110	5	5	5	0.25	0.05			0.1	0.1
BU 0.01	Bulldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	100	5	5	5	0.28	0.05			0.26	0.1
PA 6.7	Pajarito Canyon @ jct. With TwoMile Canyon	06/29/00	8:30										
PA @ TM	Pajarito Canyon @ jct. With TwoMile Canyon (PA 6.7 Dup)	06/29/00	9:30										
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	152	2	<2	2	2	0.020	5	0.020	0	0.100
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05										
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17										
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55										
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00	119.000	2	<2	2	0.231	0.002			0.120	0.100
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total					0	0.002				
Water Canyon Watershed													
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	119		<2		<.02		<.06		0	
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	67	2	<2	2	0.367	0.002			0.13	0.100
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40										
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30										
WA 2.9 ISCO	Water Canyon @ SR 4	10/24/00	15:00 - 17:00										
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	52	2	<2	2	0.290	0.002			0.12	0.100
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	14:40										
Sandia Canyon Watershed													
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41										
SA 5.6	Sandia Canyon near TA-53 entrance	10/28/00											
SA 5.6	Sandia Canyon near TA-53 entrance	10/28/00	10:00										
Mortandad Canyon Watershed													
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55										
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50										
CDB 1.9	Canada del Buey @ SR 4	08/18/00	17:50										
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00										
Ancho Canyon													
AN 0.01	Ancho Canyon @ Rio Grande	09/26/00	Total					0.019	0.002				
Rio Grande													
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30										
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30										
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00										
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00	12:30										
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00	12:30										
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	1:45										
Cochiti 01	Cochiti Reservoir Outlet	08/03/00	10:00										
Cochiti 01	Cochiti Reservoir Outlet	08/29/00	8:52										
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	9:20										

** - Total Suspended Load (Dry Weight) is a calculated value using 52.34 as a percent moisture value to convert wet weight to dry weight. 52.34 is the average of five actual percent moisture values (range 30.4 to 65.9).

J9 - LCS or surogate %R is < lower control limit (LCL), results may be biased low

TAble 12. NMED DOE Oversight 2000 Surface and Stormwater Analytical Results: General Chemistry-4

Sample ID	Sample Location	Date	Time	Chloride (mg/L)	DL	Bromide (mg/L)	DL	Sulfate as (SO_4) (mg/L)	DL	Nitrite/ Nitrate as N (mg/L)	DL	Total Kjeldahl Nitrogen (ppm)	DL
Los Alamos Canyon Watershed													
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30	<1	1	<0.2	0.2	45	2	<0.1	0.1	<2.0	
PUN 0.01	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon	10/28/00	14:00	9.3	1.0			23	2	0.25	0.050		
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	16:50	5	1	<0.2	0.2	12	2	<0.1	0.100	2	2.000
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	16:00										
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00										
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00										
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30										
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00	16:00										
AC-0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15										
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	18:00	6	1	<0.2	0.2	45	2	<0.1	0.1	3.1	2
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08	7.300	1			18	2	0.09	0.05		
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	8	5	<0.5	0.5	<5	5	0.11	0.05	<0.50	0.5
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	9	5	<0.5	0.5	<5	5	<0.05	0.05	2.31	1
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45	1.5	1			7	2	<0.05	0.05		
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:20										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:25										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:30										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:35										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:40										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:45										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:50										
LA 6.6A	Middle Los Alamos Canyon Gage E030	10/27/00	18:55										
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	18:20 - 18:55	24	2	<0.2	0.2	6	1				
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:00										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:05										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:10										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:15										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:20										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:25										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:30										
LA 6.6B	Middle Los Alamos Canyon Gage E030	10/27/00	19:35										
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:00 - 19:35	15	0.2	<0.2	0.2	5	1				
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:40										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:45										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:50										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	19:55										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:00										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:05										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:10										
LA 6.6C	Middle Los Alamos Canyon Gage E030	10/27/00	20:15										
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	10/27/00	19:40 - 20:15	12	0.2	<.2	0.2	5	1				
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:21										
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:26										
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	11:25	10	5	<0.5	0.5	44	5	<.05	0.05	5	2
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	09/12/00	10:33	4	1	<0.2	0	2480	2	<0.1	0	<2.0	
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	10:05	11.3	1			<2	2	0.080	0.05		
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31										
Pajarito Canyon Watershed													
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	14:20	1	0	<0.2	0.2	3	1	0	0.05	1	1
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	10:30	1	0	<0.2	0.2	4	1	0	0.05	ND	
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	06/29/00	11:10										
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/11/00	7:10	7		<0.5	0.5	14	-	<0.05	0.05	1	
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	9:05	7		2		<5		<0.05		1	
PA 10.6(F)	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00							0	0.10	1	
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00	3	0	<0.2	0.2	12	1	0	0.10	<0.5	
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50										
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	13:00	<1.0	1			7	2	0.29	0.05		
SR 501 Pond	State Road 501 Pond	05/25/00	12:15	350	10	<0.2	0.2	7	1	<0.05	0.05	5	
SR 501 Pond	State Road 501 Pond	07/24/00	9:50	18		10		<5		<0.05		6	
TM 3.1	Twomile Canyon @ SR 501	10/28/00	13:15	11.7	1			19	2	0.54	0.05		
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	15:20	11	0.2	0.2	0.2	21	1	0.15	0.1	1.5	0.5
BU 0.01	Bulldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30	18	0.2	0.2	0.2	14	1	0.33	0.1	1.7	0.5
PA 6.7	Pajarito Canyon @ jct. With TwoMile Canyon	06/29/00	8:30										
PA @ TM	Pajarito Canyon @ jct. With TwoMile Canyon (PA 6.7 Dup)	06/29/00	9:30										
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55	11	5	<0.5	0.5	10	5	<0.05	0.05	5	2
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05										
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17										
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55										
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00	3.400	1.0			9.000	2	0.060	0.050		
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total							1	0.05		
Water Canyon Watershed													
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	10:40	6		<0.5		<5		<0.05		<0.50	
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	1.0	1.0			3	2	0.21	0.05		
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40										
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30										
WA 2.9 ISCO	Water Canyon @ SR 4	10/24/00	15:00 - 17:00										
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	6.4	1.0			13	2	1	0.050		
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	14:40										
Sandia Canyon Watershed													
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41										
SA 5.6	Sandia Canyon near TA-53 entrance	10/28/00											
SA 5.6	Sandia Canyon near TA-53 entrance	10/28/00	10:00										
Mortandad Canyon Watershed													
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55										
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50										
CDB 1.9	Canada del Buey @ SR 4	08/18/00	17:50										
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00										
Ancho Canyon													
AN 0.01	Ancho Canyon @ Rio Grande	09/26/00	Total							<0.05	0.05		
Rio Grande													
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30										
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30										
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00										
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00	12:30										
Cochiti Site A 1 ft depth	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00	12:30										
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	1:45										
Cochiti 01	Cochiti Reservoir Outlet	08/03/00	10:00										
Cochiti 01	Cochiti Reservoir Outlet	08/29/00	8:52										
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	9:20										

** - Total Suspended Load (Dry Weight) is a calculated value using 52.34 as a percent moisture value to convert wet weight to dry weight. 52.34 is the average of five actual percent moisture values (range 30.4 to 65.9).

J9 - LCS or surogate %R is < lower control limit (LCL), results may be biased low

TAble 13. NMED DOE Oversight 2000 Surface and Storm water Analytical Results: General Chemistry-5

				Sulfur as S	DL	BOD, 5-day	BL	COD	BL	Perchlorate
Sample ID	**Sample Location**	**Date**	**Time**			**mg/L**		**mg/L**		**ug/L**
Los Alamos Canyon Watershed										
PCN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30							
PCN-0.05	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/18/00	14:00							
PC-0.7	Pueblo Canyon @ confluence with Pueblo Oeste (PLN)	09/08/00	16:50							
SFAC 0.01	S Fork Acid Canyon above cond. with Acid	09/08/00	16:00							
SFAC 0.01	S Fork Acid Canyon above cond. with Acid	10/12/00	12:00							
SFAC 0.01	S Fork Acid Canyon above cond. with Acid	10/13/00	15:00							
SFAC 0.01	S Fork Acid Canyon above cond. with Acid	10/23/00	16:30							<5.00
AC-0.1	Acid Canyon above confluence with SFAC	09/08/00	16:00							
AC-0.1	Acid Canyon above confluence with SFAC	10/12/00	12:15							
PC-0.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	16:00							
PC-2.0	Pueblo Canyon near Bayo Treatment Plant	10/20/00	11:00							<5.00
LA-12.5	Upstream from Los Alamos Reservoir	08/31/00	9:10	2.2	1					
LA 12.0	Los Alamos Reservoir	08/31/00	11:00	2	1					
LA-10.5	Los Alamos Canyon @ Shate Rock Gage	10/20/00	15:45							
LA-6.6A	Middle Los Alamos Canyon Gage E050	05/27/00	10:20							
LA-6.6A	Middle Los Alamos Canyon Gage E050	05/27/00	10:25							
LA-6.6A	Middle Los Alamos Canyon Gage E050	05/27/00	10:30							
LA-6.6A	Middle Los Alamos Canyon Gage E050	05/27/00	10:35							
LA-6.6A	Middle Los Alamos Canyon Gage E050	05/27/00	10:40							
LA-6.6A	Middle Los Alamos Canyon Gage E050	05/27/00	10:45							
LA-6.6A	Middle Los Alamos Canyon Gage E050	05/27/00	10:50							
LA-6.6A	Middle Los Alamos Canyon Gage E050	05/27/00	10:55							
LA-6.6A	Middle Los Alamos Canyon Gage E050 Composite	05/27/00	10:20 - 10:55							
LA-6.6B	Middle Los Alamos Canyon Gage E050	05/27/00	19:00							
LA-6.6B	Middle Los Alamos Canyon Gage E050	05/27/00	19:05							
LA-6.6B	Middle Los Alamos Canyon Gage E050	05/27/00	19:10							
LA-6.6B	Middle Los Alamos Canyon Gage E050	05/27/00	19:15							
LA-6.6B	Middle Los Alamos Canyon Gage E050	05/27/00	19:20							
LA-6.6B	Middle Los Alamos Canyon Gage E050	05/27/00	19:25							
LA-6.6B	Middle Los Alamos Canyon Gage E050	05/27/00	19:30							
LA-6.6B	Middle Los Alamos Canyon Gage E050	05/27/00	19:35							
LA-6.6B	Middle Los Alamos Canyon Gage E050 Composite	05/27/00	19:00 - 19:35							
LA-6.6C	Middle Los Alamos Canyon Gage E050	05/27/00	19:40							
LA-6.6C	Middle Los Alamos Canyon Gage E050	05/27/00	19:45							
LA-6.6C	Middle Los Alamos Canyon Gage E050	05/27/00	19:50							
LA-6.6C	Middle Los Alamos Canyon Gage E050	05/27/00	19:55							
LA-6.6C	Middle Los Alamos Canyon Gage E050	05/27/00	20:00							
LA-6.6C	Middle Los Alamos Canyon Gage E050	05/27/00	20:05							
LA-6.6C	Middle Los Alamos Canyon Gage E050	05/27/00	20:10							
LA-6.6C	Middle Los Alamos Canyon Gage E050	05/27/00	20:15							
LA-6.6C	Middle Los Alamos Canyon Gage E050 Composite	05/27/00	19:40 - 20:15							
DP-0.01	DP Canyon upstream from jct. With Los Alamos Canyon	05/27/00	10:21							
DP-0.01	DP Canyon upstream from jct. With Los Alamos Canyon	05/27/00	10:26							
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	11:25							
LA 5.0	Los Alamos Canyon - Sediment Retention Structure	09/12/00	10:33							
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/18/00	10:05							
G1-0.01	Gauge Canyon at State Road 501	09/08/00	16:31							
Pajarito Canyon Watershed										
PA 10.6	Pajarito Canyon @ Waterfall above SR 501	05/02/00	14:20		1.000					<5.00
PA 10.6	Pajarito Canyon @ Waterfall above SR 501	05/25/00	16:30		2.500					<5.0
PA 10.6	Pajarito Canyon @ Waterfall above SR 501	06/20/00	15:00							<10.0
PA 10.6	Pajarito Canyon @ Waterfall above SR 501	07/11/00	7:00							
PA 10.6	Pajarito Canyon @ Waterfall above SR 501	07/24/00	9:05							
PA 10.6 (F)	Pajarito Canyon @ Waterfall above SR 501	11/02/00	10:00		1.000					
PA 10.6	Pajarito Canyon @ Waterfall above SR 501	11/02/00	10:00		0.500					
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	16:50							
PA 10.4	Pajarito Canyon @ SR 501	10/20/00	15:00							
SR 501 Pond	State Road 501 Pond	05/25/00	12:15		2.500					<10.0
SR 501 Pond	State Road 501 Pond	07/24/00	9:50							
TM 3.1	Twomile Canyon @ SR 501	10/20/00	13:15							
PA 0.9	Pajarito Canyon upstream from Junction with Building Gulch	06/15/00	15:20							<5.00
BG 0.06	Building Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30							<5.00
PA-0.7	Pajarito Canyon @ jct. With TwoMile Canyon	05/20/00	8:30							<10.0
PA @ TM	Pajarito Canyon @ jct. With TwoMile Canyon (PA-0.7 Dup)	05/20/00	9:30							<10.0
PA-0.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55							<5.00
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05							
ARIA G TRIB	TA-54 Area G Tributary (below NPDES Station G-2)	10/23/00	15:17							
PA 2.2	Pajarito Canyon @ SR 4	10/23/00	14:55							
PA 2.2	Pajarito Canyon @ SR 4	10/20/00	12:00							
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total							<5.00
Water Canyon Watershed										
WC 5.8	Canyon de Valle @ SR 501	08/16/00	10:40							<5.00
WA 0.9	Water Canyon @ SR 501	10/20/00	12:30							
WA 2.09	Water Canyon @ SR 4	08/14/00	15:40							
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55							
WA 2.09 ISCO	Water Canyon @ SR 4	10/24/00	15:00 - 17:00							
WA 2.09	Water Canyon @ SR 4	10/20/00	12:10							
PO-1.4	Potrillo Canyon @ SR 4	10/23/00	14:40							
Sandia Canyon Watershed										
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	15:41							
SA 5.6	Sandia Canyon near TA-53 entrance	10/20/00								
SA 5.6	Sandia Canyon near TA-53 entrance	10/20/00	10:00							
Mortandad Canyon Watershed										
MO 7.2	Mortandad Canyon downstream from Test Well 4	10/23/00	16:55							<9.0
CBR 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	14:50							
CBR 5.0	Canada del Buey @ SR 4	10/18/00	17:00							
CBR 5.0	Canada del Buey @ SR 4 Gage Station	10/23/00	10:00							
Ancho Canyon										
AN 0.01	Ancho Canyon @ Rio Grande	09/26/00	Total							<5.
Rio Grande										
Rio Grande @ WR 100	Rio Grande White Rock Gage (08313260)	09/14/00	1:30							
Rio Grande @ WR 100	Rio Grande White Rock Gage (08313260)	10/14/00	5:30							
Rio Grande @ WR 100	Rio Grande White Rock Gage (08313260)	10/20/00	13:00							
Cochiti Lake	Cochiti Lake Site A (08317300)	09/20/00	12:30							
Cochiti Site A 7.0 depth	Cochiti Reservoir Site A (1.0 depth) (08317300)	10/25/00	15:30							
Cochiti Site A 60.0	Cochiti Reservoir Site A (60.0 depth)	10/25/00	1:45							
Cochiti 01	Cochiti Reservoir Outlet	08/01/00	10:00			3 (J5)		<21	10.00	
Cochiti 01	Cochiti Reservoir Outlet	08/20/00	6:52			<1	4.00	<20	20.00	
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	9:20			<1	4	<20	20	

** Total Suspended Load (Dry Weight) is a calculated value using 5.3.14 as a percent moisture value to convert wet weight to dry weight. 5.3.14 is the average of five actual percent moisture values (range 30.4 to 95.9).
J5 - CRA or nitrogen NR or < lowest control limit (LCL), results not for formal use.

Table 14. NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: High Explosives

Watershed	Los Alamos Canyon				Ancho Canyon		Pajarito Canyon				Pajarito Canyon												Pajarito Canyon				Water Canyon			
Sample Location	Upstream of LA Reservoir §		Los Alamos Reservoir §		Ancho @ Rio Grande		Pajarito Canyon below waterfall (west of LANL)		Pajarito Canyon at SR-501		Two Mile Canyon at SR-501		State Road 501 Pond		Pajarito Canyon upstream from Junction with Bulding Gulch		Bulding Gulch upstream from Junction with Pajarito Canyon		Pajarito Canyon @ j.v. With TwoMile Canyon		Pajarito Canyon at SR-4		Pajarito Canyon @ Rio Grande		Water Canyon at SR-501		Water Canyon at SR-4	
SAMPLE ID:	LA 12.5		LA 12.0		AN 0.01		PA 10.6		PA 10.4		TM 3.1		SR 501 Pond		PA 0.9		BU 0.01		PA 6.7		PA 2.2		PA 0.01		WA 9.9		WA 2.9	
SAMPLING DATE-TIME:	08/31/00	9:10	08/31/00	11:00	09/26/00	11:45	05/25/00	10:30	10/20/00	13:00	10/28/00	13:14	05/25/00	12:15	06/15/00	15:20	06/15/00	14:30	08/24/00	9:55	10/20/00	12:00	09/26/00	9:40	10/20/00	12:30	10/20/00	12:10
Compound	*RESULT (ug/L) §	DL	*RESULT (ug/L) §	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL
NITROGLYCERIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
PETN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-AMINO-4,6-DNT	U	0.4	U	0.4	U	0.4	U	0.25	U	0.4	U	0.4	U	0.25	U	0.25	U	0.25	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4
4-AMINO-2,6-DNT	U	0.9	U	0.9	U	0.9	U	0.25	U	0.9	U	0.9	U	0.25	U	0.25	U	0.25	U	0.9	U	0.9	U	0.9	U	0.9	U	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HM	U	0.2	U	0.2	U	0.2	U	1	U	0.2	U	0.2	U	1	U	1		2.1	U	0.2	U	0.2	U	0.2	U	0.2	9.9	2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	U	0.2	U	0.2	U	0.2	U	0.84	U	0.2	U	0.2	U	0.84	U	0.84	U	0.84	U	0.2	U	0.2	U	0.2	U	0.2	14	2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	U	0.1	U	0.1	U	0.1	U	0.26	U	0.1	U	0.1	U	0.26	U	0.26	U	0.26	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
1,3-DINITROBENZENE (1,3-DNB)	U	0.2	U	0.2	U	0.2	U	0.25	U	0.2	U	0.2	U	0.25	U	0.25	U	0.25	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
TETRYL	U	0.6	U	0.6	J	0.6	U	1	U	0.6	U	0.6	U	1	U	1	J	0.16	U	0.6	U	0.6	J	0.6	U	0.6	U	0.6
NITROBENZENE (NB)	U	0.4	U	0.4	U	0.4	U	1	U	0.4	U	0.4	U	1	U	1	U	1	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	U	0.6	U	0.6	U	0.6	U	0.25	U	0.6	U	0.6	U	0.25	U	0.25	U	0.25	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6
2,4-DINITROTOLUENE(2,4-DNT)	U	0.4	U	0.4	U	0.4	U	0.25	U	0.4	U	0.4	U	0.25	U	0.25	U	0.25	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4
2,6-DINITROTOLUENE(2,6-DNT)	U	0.4	U	0.4	U	0.4	U	0.25	U	0.4	U	0.4	U	0.25	U	0.25	U	0.25	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4
o-NITROTOLUENE (2-NT)	U	0.2	U	0.2	U	0.2	U	1	U	0.2	U	0.2	U	1	U	1	U	1	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2
p-NITROTOLUENE (4-NT)	U	0.3	0.48	0.3	U	0.3	U	1	U	0.3	U	0.3	U	1	U	1	U	1	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3
m-NITROTOLUENE (3-NT)	U	0.2	1.0	0.2	U	0.2	U	1	U	0.2	U	0.2	U	1	U	1	U	1	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2

* - Modified Method 8330
NA - Not analyzed or not available
U - Not detected
DL - Detection limit (ug/L)
§ - Holding Times Broken

Table 15. NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Poylaromatic Hydrocarbons

	Pajarito Canyon Watershed									Los Alamos Canyon Watershed					
Sample ID	**PA 8.9**			**BU 0.01**			**PA 6.7**			**LA 12.5**			**LA 12.0**		
Sample Location	**Pajarito Canyon upstream from Junction with Buldog Gulch**			**Bulldog Gulch upstream from Junction with Pajarito Canyon**			**Pajarito Canyon @ jct. With TwoMile Canyon**			**Upstream of LA Reservoir**			**Los Alamos Reservoir**		
Date	**06/15/00**			**06/15/00**			**08/24/00**			**08/31/00**			**08/31/00**		
Time	**15:20**			**14:30**			**9:55**			**9:10**			**11:00**		
	(ug/L)	**DL**	**Qual**	**(ug/L)**	**DL**	**Qual**	**(ug/L)**	**DL**	**Qual**	**(ug/L)**	**DL**	**Qual**	**(ug/L)**	**DL**	**Qual**
Acenaphthene	1	1	U	1.1	1.1	U	ND	0.4	U	ND	1	U	ND	1	U
Acenaphthylene	1	1	U	1.1	1.1	U	ND	0.4	U	ND	1	U	ND	1	U
Anthracene	0.1	0.1	U	0.11	0.11	U	ND	0.4	U	ND	1	U	ND	1	U
Benzo(a)anthracene	0.051	0.051	U	0.053	0.053	U	ND	0.400	U	ND	1	U	ND	1	U
Benzo(a)pyrene	0.1	0.1	U	0.11	0.11	U	ND	0.4	U	ND	0.7	U	ND	0.7	U
Benzo(b)fluoranthene	0.1	0.1	U	0.11	0.11	U	ND	0.4	U	ND	0.7	U	ND	0.7	U
Benzo(g,h,i)perylene	0.1	0.1	U	0.11	0.11	U	ND	0.4	U	ND	1	U	ND	1	U
Benzo(k)fluoranthene	0.051	0.051	U	0.053	0.053	U	ND	0.4	U	ND	1	U	ND	1	U
Chrysene	0.051	0.051	U	0.053	0.053	U	ND	0.4	U	ND	1	U	ND	1	U
Dibenzo(a,h)anthracene	0.1	0.1	U	0.11	0.11	U	ND	0.4	U	ND	1	U	ND	1	U
Fluoranthene	0.1	0.1	U	0.11	0.11	U	ND	0.4	U	ND	1	U	ND	1	U
Fluorene	0.1	0.1	U	0.11	0.11	U	ND	0.4	U	ND	1	U	ND	1	U
Indeno(1,2,3-cd)pyrene	0.1	0.1	U	0.11	0.11	U	ND	0.4	U	ND	1	U	ND	1	U
Naphthalene	0.51	0.51	U	0.53	0.53	U	ND	0.4	U	ND	1	U	ND	1	U
Phenanthrene	0.51	0.51	U	0.053	0.053	U	ND	0.4	U	ND	1	U	ND	1	U
Pyrene	0.51	0.51	U	0.053	0.053	U	ND	0.4	U	ND	1	U	ND	1	U
1-Methylnapthalene	1	1	U	1.1	1.1	U	NA			ND	1	U	ND	1	U
2-Methylnapthalene	1	1	U	1.1	1.1	U	NA			ND	1	U	ND	1	U

Qualifiers

NA - Not analyzed or not available

U - Not detected

DL - Detection limit (ug/L)

Table 16. NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Volatile Organic Aromatics (VOA)

Sample Location	Pajarito Canyon @ jct. With TwoMile Canyon	
Date	08/24/00	
Time	9:55	DL
Parameter	§	ug/L
Acetone	U	20
Allyl chloride	U	20
Benzene	U	1.0
Bromodichloromethane	U	1.0
Bromoform	U	1.0
Bromomethane	U	1.0
Carbon Disulfide	U	5.0
Carbon Tetrachloride	U	1.0
Chlorobenzene	U	1.0
Chloroethane	U	1.0
Chloroform	U	0.5
Chloromethane	U	1.0
Chloroprene	U	20
Dibromochlormethane	U	1.0
1,2-Dibromo-3-chloropropane	U	1.0
1,2-Dibromethane(EDB)	U	1.0
Dibromethane	U	10
Trans-1,4-Dichloro-2-Butene	U	1.0
Dichlorodifluoromethane	U	1.0
1,1-Dichoroethane	U	0.5
1,2-Dichoroethane	U	0.5
1,1-Dichoroethene	U	0.5
trans-1,2-Dichlorethene	U	0.5
1,2-Dichlorpropane	U	1.0
cis-1,3-Dichloropropene	U	1.0
trans-1,3-Dichloropropene	U	1.0
1,4-Dioxane	U	20
Ethylbenzene	U	1.0
Ehtylmethacrylate	U	10
2-Hexanone	U	20
Methacrylonitrile	U	10
Methylene chloride	U	1.0
Methyl ethyl ketone	U	10
Methyl Iodide	U	10
Methylmethacrylate	U	20
4-Methyl-2-pentanone (MIBK)	U	20
Propionitrile	U	20
Styrene	U	1.0
1,1,1,2-Tetrachloroethane	U	1.0
1,1,2,2-Tetrachloroethane	U	1.0
Tetrachlorethene	U	1.0
Toluene	U	1.0
1,1,1-Trichloroethane	U	1.0
1,1,2-Trichloroehane	U	1.0
Trichlorethene	U	0.5
Trilchlorofluoromethane	U	1.0
1,2,3-Trichloropropane	U	1.0
Vinyl acetate	U	10
Vinyl chloride	U	1.0
Xylene, Total	U	2.0
§ Samples were not run within holding time		
U - Not detected		

TAble 17. NMED DOE Oversight Bureau 2000 Surface and Stormwater Analytical Results: Organochlorinated Pesticides

Date	08/31/00		08/31/00		07/18/00			10/28/00		10/28/00			10/24/00		10/28/00	
Time	9:10		11:00		18:58			13:45		10:45			9:55		10:00	
Sample Location	Upstream of LA Reservoir §		Los Alamos Reservoir (Depth Integrated Sample)		Los Alamos Canyon Skate Rink Gage			Los Alamos Canyon @ SR 502		Los Alamos Canyon below Weir			Pajarito Canyon @ jct. With TwoMile Canyon §		Sandia Canyon near TA-53 entrance	
Sample ID	LA 12.5		LA 12.0		LA 11.0			LA 10.5		LA 5.0			PA 6.7		SA 5.6	
COMPOUND	Concentration	R.L.	Concentration	R.L.	Concentration	R.L.	Qual	Concentration	DL	Concentration	DL	Qual	Concentration	R.L.	Concentration	DL
	ug/L		ug/L		ng/L			ng/L		ng/L			ng/L		ng/L	
Hexachlorobenzene					1.38	0.370		U	1.32	1.17	0.98				1.28	1.24
alpha HCH					U	0.730		U	1.77	U	1.16				U	1.22
beta HCH					U	0.998		U	2.42	U	1.59				U	1.67
gamma HCH					U	1.24		U	2.97	U	1.95				3.4	2.05
Heptachlor					U	1.04		U	5.83	U	4.14				U	4.04
Aldrin					U	1.12		U	2.46	U	1.36				U	1.57
Oxychlordane					U	7.8		U	9.44	U	5.55				U	3.82
trans-Chlordane					0.539	0.37	R	U	1.48	2.68	1.05				U	0.896
cis-Chlordane					0.553	0.328		U	1.33	1.82	0.948				U	0.808
o,p'-DDE					2.47	0.497		U	1.01	U	1.44				U	1.21
p,p'-DDE					72.2	0.411		7.87	0.83	6.81	1.19				U	1
trans-Nonachlor					0.671	0.26		U	1.3	1.34	0.632				U	0.571
cis-Nonachlor					0.302	0.188		U	0.992	U	0.481				U	0.435
o,p'-DDD					3.27	1.41		U	0.792	U	0.994				U	0.835
p,p'-DDD					11.8	1.49		U	0.805	1.2	1.01	R			U	0.848
o,p'-DDT					7.05	0.745	E,D	U	0.864	U	1.51				U	1.22
p,p'-DDT					103	0.902	E,D	3.13	0.92	6.59	1.61				U	1.3
Mirex					U	1.14		U	0.575	U	0.865				U	0.852
delta HCH	NA		NA		U	3.10		U	0.66	U	0.65		NA		U	0.69
Heptachlor Epoxide	U	0.03	U	0.03	U	2.10		U	0.49	U	0.48		U	0.03	U	0.21
alpha-Endosulphan (I)	U	0.03	U	0.03	U	2.10		U	0.62	U	0.54		U	0.03	U	0.24
Dieldrin	U	0.02	U	0.02	U	2.20		U	0.48	U	0.47		U	0.02	U	0.2
Endrin	U	0.05	U	0.05	U	4.40		U	1	U	1		U	0.05	U	0.45
beta-Endosulphan (II)	U	0.03	U	0.03	U	3.20		U	0.84	U	0.74			0.03	U	0.32
Endosulphan Sulphate	U	0.03	U	0.03	U	4.50		U	1.09	U	0.95			0.03	U	0.42
Methoxychlor	U	0.03	U	0.03	U	12.0		U	2.1	U	2.1		U	0.03	U	0.91
Aldrin	U	0.02	U	0.02									U	0.02		
alpha-BHC	U	0.02	U	0.02									U	0.02		
beta-BHC	U	0.02	U	0.02									U	0.02		
delta-BHC	U	0.02	U	0.02									U	0.02		
gamma-BHC (Lindane)	U	0.02	U	0.02									U	0.02		
Chlordane (Total)	U	0.10	U	0.10									U	0.10		
4,4'-DDD	U	0.02	U	0.02									U	0.02		
4,4'-DDE	U	0.03	U	0.03									U	0.03		
4,4'-DDT	U	0.03	U	0.03									U	0.03		
Endrin aldehyde	U	0.05	U	0.05									U	0.05		
Endrin Keton	U	0.04	U	0.04										0.04		
Heptachlor	U	0.03	U	0.03									U	0.03		
Toxaphene	U	0.10	U	0.10									U	0.10		
Polychlorinated Biphenols (PCB aroclors)																
Aroclor 1016	U	0.10	U	0.10									U	0.10		
Aroclor 1221	U	0.10	U	0.10									U	0.10		
Aroclor 1232	U	0.10	U	0.10									U	0.10		
Aroclor 1242	U	0.10	U	0.10									U	0.10		
Aroclor 1248	U	0.10	U	0.10									U	0.10		
Aroclor 1254	U	0.10	U	0.10									U	0.10		
Aroclor 1260	U	0.10	U	0.10									U	0.10		

§ - Holding time exceeded
U - Non detect
R - Peak detected but did not meet quantification criteria
U - Not detected
E - exceeds callibrated linear range, see dilution data;
D - dilution data

TAble 18. NMED DOE Oversight Bureau 2000 Surface and Stormwater Analytical Results: Dioxin - Furan

Sample ID		Los Alamos Reservoir					LA 12.5					PA 6.7				
Location Description		Depth integrated, near center of reservoir, near dam					Upstream of LA Reservoir					Pajarito Canyon @ jct with TwoMile Canyon				
Date/Time		08/23/00	10:00				08/23/00					08/24/00	9:55			
		Concentration	TEQ Min.		TEQ Max.	Data Quality	Concentration	TEQ Min.		TEQ Max.	Data Quality	Concentration	TEQ Min.		TEQ Max.	Data Quality
		pg/L (ppq)	Calculation	D.L.	Calculation	Flags	pg/L (ppq)	Calculation	D.L.	Calculation	Flags	pg/L (ppq)	Calculation	D.L.	Calculation	Flags
Congener	**WHO-TEF**															
PCDDs																
2,3,7,8-TCDD	1	ND	0	4.4	2.2	U	ND	0	1.2	0.6	U	ND	0	1.9	0.95	
1,2,3,7,8-PeCDD	1	ND	0	4.6	2.3	U	ND	0	1.3	0.65	U	ND	0	1.7	0.85	
1,2,3,4,7,8-HxCDD	0.1	ND	0	4.5	0.225	U	ND	0	1.4	0.07	U	ND	0	1.6	0.08	
1,2,3,6,7,8-HxCDD	0.1	ND	0	4.2	0.21	U	ND	0	1.3	0.065	U	ND	0	1.6	0.08	
1,2,3,7,8,9-HxCDD	0.1	ND	0	4.5	0.225	U	ND	0	1.4	0.07	U	2.8	0.28			J
1,2,3,4,6,7,8-HpCDD	0.01	ND	0	5.8	0.029	U	ND	0	2.1	0.0105	U	3.2	0.032			J,EMPC
OCDD	0.0001	24.2	0.00242			J,B	22.4	0.00224			J,B	29.4	0.00294			J,B
PCDFs																
2,3,7,8-TCDF	0.1	ND	0	2.9	0.145	U	ND	0	0.8	0.04	U	ND	0	1.3	0.065	
1,2,3,7,8-PeCDF	0.05	ND	0	3	0.075	U	ND	0	0.9	0.0225	U	2.7	0.135			J
2,3,4,7,8-PeCDF	0.5	ND	0	3.1	0.775	U	ND	0	0.9	0.225	U	ND	0	1.2	0.3	
1,2,3,4,7,8-HxCDF	0.1	ND	0	2.6	0.13	U	ND	0	0.9	0.045	U	2.6	0.26			J
1,2,3,6,7,8-HxCDF	0.1	ND	0	2.4	0.12	U	ND	0	0.8	0.04	U	2.3	0.23			J
1,2,3,7,8,9-HxCDF	0.1	ND	0	2.8	0.14	U	ND	0	0.9	0.045	U	1.8	0.18			J
2,3,4,6,7,8-HxCDF	0.1	ND	0	3.4	0.17	U	ND	0	1.1	0.055	U	3.1	0.31			J
1,2,3,4,6,7,8-HpCDF	0.01	ND	0	3.3	0.0165	U	ND	0	1.1	0.0055	U	ND	0	1.3	0.0065	
1,2,3,4,7,8,9-HpCDF	0.01	ND	0	4.6	0.023	U	ND	0	1.6	0.008	U	ND	0	1.6	0.008	
OCDF	0.0001	ND	0	7.6	0.00038	U	ND	0	3.2	0.00016	U	5.3	0.00053			J, EMPC
TEQ Dioxin/Furan Minimum pg/L (ppq)			**0.00242**					**0.00224**					**1.43047**			
TEQ Dioxin/Furan Maximum pg/L (ppq)			**6.7863**					**1.9539**					**3.76997**			
Totals		Concentration	Number	DL	EMPC	Flags	Concentration	Number	DL	EMPC	Flags	Concentration	Number	DL	EMPC	Flags
Total TCDD		ND		4.4			ND		1.2			ND		1.9		
Total PeCDD		EMPC			18.6		ND		1.3			ND		1.7		
Total HxCDD		ND		4.4			ND		1.4			2.8	1		4.9	
Total HpCDD		ND		5.8			ND		2.1			3.1	1		6.3	
Total TCDF		EMPC			8.5		ND		0.8			ND		1.3		
Total PeCDF		ND		3.1			ND		0.9			2.7	1		4	
Total HxCDF		ND		2.8			ND		0.9			9.7	4			
Total HpCDF		ND		3.8			ND		1.3			ND		1.4		

EMPC = Estimated Maximum Possible Concentration
J = Estimated Value
B = Analyte detected in blank, concentration in sample is less than 20 times that found in associated blank.
TEQ Dioxin/Furan Minimum = SUM (TEF X Concentration of the Dioxin and Furan congeners detected)
TEQ Dioxin/Furan Maximum= SUM (TEF X Concentration of the Dioxin and Furan congeners detected) + SUM [TEF X (0.5 X Detection Limit of All Non-detects)]
TEFs from "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife Environmetal Health Perspectives" Volume 106, Number 12, December 1998 (Van den Berg, et al., 1998)

EMPC = Estimated Maximum Possible Concentration
J = Estimated Value
B = Analyte detected in blank, concentration in sample is less than 20 times that found in associated blank.
TEQ Dioxin/Furan Minimum = SUM (TEF X Concentration of the Dioxin and Furan congeners detected)
TEQ Dioxin/Furan Maximum= SUM (TEF X Concentration of the Dioxin and Furan congeners detected) + SUM [TEF X (0.5 X Detection Limit of All Non-detects)]
TEFs from "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife Environmetal Health Perspectives" Volume 106, Number 12,
December 1998 (Van den Berg, et al., 1998)

EMPC = Estimated Maximum Possible Concentration
J = Estimated Value
B = Analyte detected in blank, concentration in sample is less than 20 times that found in associated blank.
TEQ Dioxin/Furan Minimum = SUM (TEF X Concentration of the Dioxin and Furan congeners detected)
TEQ Dioxin/Furan Maximum= SUM (TEF X Concentration of the Dioxin and Furan congeners detected) + SUM [TEF X (0.5 X Detection Limit of All Non-detects)]
TEFs from "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife Environmetal Health Perspectives" Volume 106, Number 12,
December 1998 (Van den Berg, et al., 1998)

Table 19. NMED DOE Oversight Bureau 2000 Surface and Stormwater Analytical Results: Semi Volatile Organic Aromatics (SVOAs)

Date	8/24/2000	
Time	9:55	
Sample Location	Pajarito Canyon @ jct. With TwoMile Canyon	§
ANALYTE	ug/L	
Acenaphthene	U	10
Acenaphthylene	U	10
Acetophenone	U	10
2-Acetylaminofluorene (2AAF)	U	10
4-Aminobiphenyl	U	10
Aniline	U	10
Anthracene	U	10
Aramite	U	10
Benzo(a)anthracene	U	10
Benzo(a)pyrene	U	10
Benzo(b)fluoranthene	U	10
Benzo(g,h,i)perylene	U	10
Benzo(k)fluoranthene	U	10
Benzyl Alcohol	U	20
4-Bromophenyl phenyl ether	U	10
Butylbenzylphthalate	U	10
4-chloroaniline	U	20
Chlorobenzilate	U	10
Bis(2-chloroethoxy)methane	U	10
Bis(2-chloroethyl)ether	U	10
4-Chloro-3-methylphenol	U	20
2-Chloronaphthalene	U	10
2-Chlorophenol	U	10
4-Chlorophenyl phenyl ether	U	10
Chrysene	U	10
Disulfate	U	10
Dibenz(a,h)anthracene	U	10
Dibenzofuran	U	10
Di-n-butylphthalate	U	10
1,2-Dichlorobenzene	U	10
1,3-Dichlorobenzene	U	10
1,4-Dichlorobenzene	U	10
3,3'-Dichlorobenzene	U	20
2,4-Dichlorophenol	U	10
2,6-Dichlorophenol	U	10
Diethyl phthalate	U	10
Dimethoate	U	10
p-(dimethylamino)azobenzene	U	10
7,12-Dimethylben(a)anthracene	U	10
3,3'-Dimethylbenzidine	U	10
a,a-Dimethylphenethylamine	U	10
2,4-Dimethylphenol	U	10
Dimethyl phthalate	U	10
1,3-Dinitrobenzene(DNB)	U	10
4,6-Dinitro-0-Cresol	U	50
2,4,-Dinitrophenol	U	50
2,4,-Dinitrotoluene	U	10
2,6,-Dinitrotoluene	U	10
Di-n-octylphthalate	U	10
Diphenylamine	U	10
Disolfoton	U	10
Bis(2-ethylhexyl)phthalate	U	10
Ethyl methanesulfonate	U	10
Famphur	U	10
Fluoranthene	U	10
Fluorene	U	10
Hexachlorobenzene	U	10
Hexachlorobutadiene	U	10
Hexachlorocyclopentadiene	U	10
Hexachloroethane	U	10
Hexachlorophene	U	10
Hexachlorpropene	U	10
Indeno(1,2,3-cd)pyrene	U	10
Isodrin	U	10
Isophorone	U	10
Isosafrole	U	10
Kepone	U	10
Methapyrilene	U	10
3-Methylcholanthrene	U	10
Methyl methanesufonate	U	10
2-Methylnaphthalene	U	10
Methyl parathion	U	10
2-Methylphenol	U	10
3-Methylphenol	U	10
4-Methylphenol	U	10
Napthalene	U	10
1,4-Naphthoquinone	U	10
1-Naphthylamine	U	10
2-Naphthylamine	U	10
2-Nitroaniline	U	10
3-Nitroaniline	U	10
4-Nitroaniline	U	10
Nitrobenzene	U	10
2-Nitrophenol	U	10
4-Nitrophenol	U	10
4-Nitroquinoline-1-oxide	U	10
N-Nitrosodi-n-butylamine	U	10
N-Nitrosodiethylamine	U	10
N-Nitrosodimethylamine	U	10
N-Nitrosodiphenylamine	U	10
N-Nitrosodi-n-propylamine	U	10
N-Nitrosomethylethylamine	U	10
N-Nitrosomorpholine	U	10
N-Nitrosopiperidine	U	10
N-Nitrosopyrrolidine	U	10
5-Nitro-o-toluadine	U	10
Parathion (Ethyl)	U	10
Pentachlorobenzene	U	10
Pentachloroethane	U	10
Pentachlorophenol	U	50
Phenacetin	U	10
Phenanthrene	U	10
Phenol	U	10
p-Phenylenediamine	U	10
Phorate	U	10
2-Picoline	U	10
Pronamide	U	10
Pyrene	U	10
Pyridine	U	10
Safrole	U	10
Sulfotepp	U	10
1,2,4,5-Tetrachlorbenzene	U	10
2,3,4,6-Tetrachlorophenol	U	10
Thionazin	U	10
0-Toluidine	U	10
1,2,4-Trichlorbenzene	U	10
2,4,5-Trichlorophenol	U	10
2,4,6-Trichlorophenol	U	10
o,o,o-Triethyl phosphorothioate	U	10
1,3,5-Trinitrobenzene(TNB)	U	10

Table 20. NMED DOE Oversight Bureau 2000 Surface and Stormwater Analytical Results: Toxicity Test Results

Toxicity Tests
Test Organism: Ceriodaphnia dubia

RESULTS SUMMARY : Significant effects were observed in 7-day Survival and Reproduction Tests to organisms in PUN - 0.1 and PU - 6.7 water samples. No significant effects were observed for the remaining Pueblo Canyon and 2 Los Alamos canyon water samples. No Significant effects were observed in 48-Hour Acute Mortality Test for the 3 Pueblo Canyon and 2 Los Alamos Canyon water samples.

Table 1: Water chemistry

Site	pH	Hardness	Alkalinity	Conductivity	Total Ammonia	Total Chlorine	Salinity
	su	mg/L	mg/L	ppm	mg/L	mg/L	mg/L
Control	8.2	88	60	293	<0.1	<0.1	0
PUN - 0.1	8.1	208	147	320	2.6	0.1	0
PU - 2.0	8.1	178	143	319	1	0.1	0
PU - 6.7	8.1	155	117	253	1.3	0.1	0
Control	8.2	80	63	297	<0.1	<0.1	0
LA - 12.5	8.0	117	110	184	0.5	<0.1	0
LA Reservoir	8.2	300	206	326	1.6	<0.1	0

Table 2. 48-Hour Acute Mortality Test on Pueblo Canyon water samples collected 9/8/2000:
Mortality percentage after 48 hour exposure. Twenty organisms were exposed to each test concentration and the control

Concentration (%)	Mortality (%)				
	PUN-0.1	PU - 2.0	PU - 6.7	LA -12.5	LA Reservoir
	8-Sep	8-Sep	8-Sep	31-Aug	31-Aug
Control	0	0	0	0	0
6.2	0	0	5	0	0
12.5	5	0	0	0	0
25	0	0	5	0	0
50	0	10	5	0	5
100	5	0	0	5	0

Table 3. Seven Day Survival and Reproduction Test on Los Alamos Canyon water samples collected 8/31/2000:
Percentage mortality and mean number of young per female produced after seven days of exposure. Ten organisms were exposed to the control and each water sample.

Site	Mortality (%)	Young per Female
Control	0	16.6
PUN - 0.1	70[a]	1.4[a]
PU - 2.0	0	16.0
PU - 6.7	100	1.6[a]
Control	0	17.7
LA 12.5	0	17.3
LA Reservoir	0	24.3

[a] Significantly different (p> 0.95) from control

Table 4. Percentage of fathead minnow embryo/larvae affected after seven days of exposure. Thirty embryos were exposed to the control and the water samples.

Site	Organisms Affected (%)[a]
Control	3
PUN - 0.1	0
PU - 2.0	3
PU - 6.7	7
Control	0
LA 12.5	0
LA Reservoir	3

[a] – Effects include the combined number of dead embryos (unhatched) and larvae, also, organisms exhibiting terata and abnormal swimming behavior.

Table 21. NMED DOE Oversight Bureau 2000 Surface and Stormwater Analytical Results: Poly Chlorinated Biphenyls (PCBs)

All samples Blank-corrected

Stormwater; Ambient water; NPDES & Environmental Restoration water

Lab ID	Sample ID	Sample Location	Date	Time	Sample Type	Analytical Method	Total PCB		Total Dioxin-like Congeners	PCB TEQ for Dioxin-like Congeners																	
							ng/L (ppt)		ng/L (ppt)	ng/L (ppt)																	
		NM WQCC Standard					14																				
L2845-21	PU 2.0	Pueblo Canyon near Bayo Treatment Plant	9/8/2000	18:00	Whole Water Storm Water Grab Sample	1668 HRGC/HRMS	821.70		27.67	3.04E-02											U	U	U	U	U	U	U
																					U	U	U	0.64	U	U	U
L2845-22	LA12.0	LA RESERVOIR Depth Composited Sample	8/31/2000	10:00	Whole Water Ambient Water Depth Composited	1668 HRGC/HRMS	4.42		0.02	2.30E-06											U	U	U	U	U	U	U
L2845-23	PUN-0.01	Pueblo Canyon North Tributary	9/8/2000	16:30	Whole Water Storm Water Grab Sample	1668 HRGC/HRMS	520.80		11.97	2.05E-02																	
L2937-4R	LA 10.5	Los Alamos Below Omega Bridge	10/28/2000	13:45	Whole Water Storm Water	8081/8082M GC/LRMS	ND		ND	ND																	
L2937-5R	LA 5.0 (LA@SR-4)	Los Alamos Canyon below Sediment Trap	10/28/2000	10:45	Whole Water Storm Water Grab Sample	8081/8082M GC/LRMS	125.44		13.06	2.60E-03																	
L2937-6R	SA 5.6	Sandia Canyon near TA-53 Entrance	10/28/2000	10:00	Whole Water Storm Water Grab Sample	8081/8082M GC/LRMS	224.63		14.41	6.42E-02																	

Samples Collected during Environmental Clean-up Operations in Sandia Canyon Streamcourse

All samples Blank-corrected

All samples have been corrected for PCBs found in Automatic Sampling Equipment Rinsate-blank

Lab ID	Sample ID	Sample Location	Date	Time	Sample Type	Analytical Method	Total PCB	Sample Concentration minus Equipment Rinsate Blank Concentration	Total Dioxin-like Congeners	PCB TEQ for Dioxin-like Congeners
								Total PCB		
							ng/L (ppt)	ng/L (ppt)	ng/L (ppt)	ng/L (ppt)
L3060-8	056(C)-01	Upstream from sediment removal	12/8/2000	10:10 - 16:10 (1/2 hour intervals)	Ambient Water (cooling tower effluent) Automatic Sampler 1/2 hour intervals Composit	1668 HRGC/HRMS	6.70	6.45	0.51	7.61E-05
L3060-9	056(C)-02	Downstream from sediment removal	12/8/2001	10:15 - 16:15 (1/2 hour intervals)	Ambient Water (cooling tower effluent) Automatic Sampler 1/2 hour intervals Composit	1668 HRGC/HRMS	71.22	70.97	2.32	3.98E-04
L3060-10	056(C)-03	Equipment Rinsate Blank	12/6/2001		De-ionized water run through sampler	1668 HRGC/HRMS	0.25		0.03	2.37E-06

ND = None Detected

Total PCB = Sum of all congeners

Total Dioxin-like Congeners = Sum of the 12 Dioxin-like congeners

TEQ (PCBs) = SUM (TEF X Concentration of the 12 Dioxin-like congeners detected)

TEFs from "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife Environmetal Health Perspectives" Volume 106, Number 12, December 1998 (Van den Berg, et al., 1998)

Table 22. NMED DOE Oversight Bureau 2000 Surface and Stormwater Analytical Results: Organophosphate Pesticides

Date	8/31/2000	
Time	9:10	
Sample Location	Upstream of LA Reservoir §	
Sample ID	LA 12.5	
COMPOUND	ug/L §	DL
Organophosphorous Pesticides		
Aspon	U	2.0
Carbophenothion	U	2.0
Chlorfenvinphos	U	2.0
Crotoxyphos	U	2.0
Dichlofenthion	U	2.0
Dicrotophos	U	2.0
Dimethoate	U	2.0
Dioxathion	U	2.0
EPN	U	2.0
Ethion	U	2.0
Ethyl Azinphos	U	2.0
Famphur	U	2.0
Fenitrothion	U	2.0
Fonophos	U	2.0
Leptophos	U	2.0
Malathion	U	2.0
Methyl chlorpyrifos	U	2.0
Monocrotophos	U	2.0
Naled	U	2.0
Parathion (Ethyl)	U	2.0
Phosmet	U	2.0
Phosphamidon	U	2.0
Sulfotepp	U	2.0
TEPP	U	2.0
Terbufos	U	2.0
Thionazin	U	2.0
Trichlorofon	U	2.0

§ - Holding Time exceeded
U - Non detect

Table 23. NMED DOE Oversight Bureau 2000 Surface and Stormwater Analytical Results: Herbicides

Date	8/24/2000	
Time	9:55	
Sample Location	Pajarito Canyon @ jct. With TwoMile Canyon	
Sample I.D.	PA 6.7	
	ug/L	D.L.
2,4-Dichlorophenoxyacetic acid (2,4-D)	U	10
Dinoseb	U	1.0
Silvex	U	2.0
2,4,5-T	U	2.0

U - Not detected

Table 1. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 1

Watershed	Los Alamos Canyon				Los Alamos Canyon				Los Alamos Canyon				Los Alamos Canyon				Los Alamos Canyon			
Date	8/31/2000				10/27/2000				10/27/2000				10/28/2000				10/28/2000			
Location	Center of LA Reservoir (east end)(Surficial bottom sediment)				Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples				Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples				Los Alamos Canyon below Weir				Los Alamos Canyon @ Skate Rink Gage			
Sample ID	LA Res				LA 6.6C				LA 6.6B (SED)				LA 5.0				LA 10.5			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name																				
^{228}Ac	2.4	0.2	0.3		1	2	2.4	U	2.7	1.6	2		9.8	4.6	6		10.8	3	3.6	
^{110m}Ag	-0.2	1.1	1.8	U	-0.11	0.38	0.6	U	0.06	0.31	0.5	U	8.6	17.8	30.4	U	-2	15.9	26.3	U
^{26}Al					0	0	0.720	SQ	0	0	0.390	SQ								
^{241}Am	0.1	0.1	0.1		-0.26	0.5	0.84	U	-0.1	1.9	3.1	U	1.4	1	1.5	U	0.4	2.2	3.1	U
^{7}Be	2.1	0.9	1.0		14	29	11.0	U	23	20	9.4	TI	13	12.5	15.8	U	10.7	9.7	16.9	U
^{212}Bi	2.7	1.0	1.1		5.7	4.2	4.7		1.8	2.3	3.6	U	16.8	12.3	21.7	U	-0.9	10.0	16	U
^{214}Bi	2.6	0.2	0.2		1.45	0.81	1.1		1.1	1	1.2	U	9.1	2.8	2.6		14.8	2.8	2.3	
^{139}Ce	0.003	0.04	0.06	U	0	0.32	0.43	U	-0.02	0.31	0.42	U	0.2	0.70	1.10	U	-0.6	0.70	1.10	U
^{144}Ce	-0.1	0.3	0.4	U	-0.2	1.8	2.8	U	0.2	2	3	U	-2	3.7	6.1	U	0.6	3.9	6.6	U
^{56}Co	-0.05	0.06	0.1	U	0.03	0.66	0.8	U	-0.06	0.67	0.8	U	0.1	1.10	1.9	U	0.6	1.10	1.8	U
^{57}Co	0.004	0.03	0.05	U	0.05	0.23	0.34	U	0	0.25	0.38	U	0.08	0.50	0.8	U	-0.09	0.50	0.8	U
^{58}Co	0.02	0.06	0.1	U	0.05	0.63	0.69	U	-0.27	0.71	0.75	U	0.8	1.1	1.9	U	0.2	1	1.7	U
^{60}Co	0.001	0.05	0.08	U	-0.01	0.34	0.58	U	-0.09	0.31	0.52	U	0.09	0.9	1.5	U	0.1	0.7	1.1	U
^{51}Cr	-0.6	0.8	1.3	U	-3	24	13	U	-2	21	11	U	-0.7	14.2	22.9	U	14.7	17.1	28	U
^{134}Cs	0.01	0.06	0.08	U	-0.06	0.33	0.53	U	-0.04	0.3	0.49	U	-1	1	1.3	U	0.07	8	1.2	U
^{137}Cs	3.3	0.1	0.1		2.32	0.84	0.66		1.3	0.33	0.42		10.3	1.6	1.4		3	1.2	1.2	
^{152}Eu	0.9	0.4	0.4		1.5	2.2	3.7	U	-0.2	1.9	3.4	U	-0.3	4	6.5	U	2.7	3.9	6.6	U
^{154}Eu	-0.01	0.06	0.09	U	-0.1	1.8	3.00	U	-0.6	1.6	2.70	U	0.1	0.9	1.50	U	0.2	1	1.60	U
^{155}Eu	0.7	0.1	0.1		-0.01	0.74	1.2	U	0.16	0.93	1.6	U	0.6	1.2	1.8	U	2.4	2	2.3	
^{59}Fe	-0.06	0.2	0.3	U	-0.2	2.5	2.1	U	-0.1	2.2	1.8	U	-1.6	2.8	4.4	U	-0.2	2.5	4	U
^{131}I	-0.09	0.8	1.3	U	10	930	27	U	0	820	24	U	18.2	19.3	32.2	U	23.8	30.2	52.6	U
^{40}K	38.5	1.7	0.7		22.4	8.3	9		24.7	9.7	9.2		154	21.2	12.7		223	20.4	10.8	
^{54}Mn	-0.001	0.05	0.09	U	0.05	0.32	0.5	U	-0.03	0.33	0.51	U	0.5	0.9	1.6	U	0.02	0.7	1.2	U
^{22}Na	-0.01	0.06	0.09	U	-0.07	0.36	0.61	U	0.04	0.31	0.53	U	0.02	0.8	1.4	U	0.2	0.8	1.3	U
^{94}Nb	0.01	0.05	0.08	U	0.12	0.28	0.48	U	0.07	0.28	0.48	U	-0.4	0.8	1.3	U	0.7	0.7	1.2	U
^{95}Nb	0.1	0.1	0.2	U	0.03	0.75	0.78	U	-0.05	0.69	0.71	U	1.2	1.6	2.7	U	-1	1.7	2.6	U
^{234m}Pa	6.3	8	13.3	U	1	51	90	U	-20	110	80	U	27.6	133	219	U	53.3	112	191	U
^{210}Pb																				
^{212}Pb	2.8	0.1	0.1		2.7	1.1	1.1		0.9	0.42	0.69		13.7	1.6	1.9		6.2	1.5	1.9	
^{214}Pb	2.6	0.1	0.2		2.6	1.6	1.3		2.02	0.51	0.67		9.9	2.2	2.6		15.8	2.1	2.3	
^{106}Ru	3.9	0.5	0.3		-0.04	3.3	5.2	U	-0.2	2.8	4.4	U	33.2	8.9	5.5		45.2	7.1	4.7	
^{124}Sb	0.01	0.08	0.1	U	0.26	0.85	0.84	U	-0.04	0.81	0.81	U	-0.9	1.5	2	U	-0.1	1.3	1.9	U
^{125}Sb	0.01	0.1	0.2	U	0.07	0.81	1.3	U	0.1	0.71	1.2	U	-0.2	2.1	3.5	U	-0.9	1.9	3.1	U
^{46}Sc	0.6	0.1	0.2		-0.1	0.59	0.69	U	0.14	0.57	0.66	U	1.9	1.7	2.5	U	4.6	1.9	1.8	
^{85}Sr	0.5	0.1	0.1		-0.03	0.65	0.67	U	1.02	0.86	0.84	SI	4.6	1.2	2.2		2.3	1.1	1.8	
^{227}Th	4.8	0.4	0.6		-0.1	1.8	3	U	0.2	1.5	2.8	U	18.5	5.8	9.1		-0.8	4.9	6.9	U
^{234}Th	4.2	0.8	0.6		2.1	4.2	5.5	U	6.9	6.7	8.1	U	21.9	11.3	9.9		62.5	27.6	12.3	
^{208}Tl	0.8	0.1	0.08		0.54	0.57	0.65	U	0.49	0.57	0.66	U	5.6	1.3	1.4		1.5	1.2	1.1	
^{235}U	0.4	0.1	0.4		-2	32	2.6	U	0.3	1.6	2.7	U	1.9	1.2	6.5	U	4.2	1.3	6.8	U
^{65}Zn	0.1	0.1	0.2	U	0.08	0.82	1.3	U	-0.06	0.77	1.2	U	-0.5	2.5	3.3	U	-1.1	2	2.7	U

Watershed	Los Alamos Canyon				Los Alamos Canyon				Los Alamos Canyon				Los Alamos Canyon				Los Alamos Canyon			
Date	7/10/2000				10/27/2000				10/27/2000				9/8/2000				9/8/2000			
Location	Los Alamos Canyon @ Skate Rink Gage				Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples				DP Canyon above jct. With Los Alamos Canyon				N. Tributary of Pueblo Canyon west of Diamond Dr.				Pueblo Canyon @ confluence with Pueblo North(PUN)			
Sample ID	LA 11.0				LA 6.6A (SED)				DP 0.01				PUN-0.01				PU-6.7			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual
Nuclide Name																				
^{228}Ac	1.3	0.44	0.5		3.5	1.7	1.8		6.1	2.9	1.7	U	1.7	0.2	0.2		1.9	0.1	0.2	
^{110m}Ag					-0.11	0.34	0.5	U	0.07	0.32	0.5	U	-0.5	0.8	1.4	U	0.08	0.7	1.1	U
^{26}Al					0	0	0.320	SQ	-0.02	0.24	0.430	U								
^{241}Am					-3.2	5.6	9.4	U	-2	5.6	9.4	U	0.1	0.05	0.08		0.1	0.09	0.1	
^{7}Be					18	19	9.6		16	22	9.9	U	3	0.6	0.7		3.3	0.6	0.5	
^{212}Bi					0.2	2.2	3.7	U	0.7	2.1	3.5	U	2.1	0.8	0.8		2.6	0.6	0.6	
^{214}Bi	1.1	0.26	0.3		2.5	1.6	1.3		3.3	1.3	1.3		2.2	0.2	0.1		3	0.3	0.1	
^{139}Ce					0.03	0.42	0.56	U	0	0.40	0.53	U	0.01	0.03	0.05	U	-0.01	0.03	0.04	U
^{144}Ce					-0.2	2.6	4	U	0.5	2.6	4	U	0.3	0.2	0.3		-0.1	0.2	0.3	U
^{56}Co					-0.12	0.59	0.7	U	-0.02	0.53	0.6	U	-0.01	0.04	0.1	U	0.007	0.04	0.1	U
^{57}Co					0	0.00	0.5	SQ	-0.06	0.35	0.52	U	-0.002	0.02	0.04	U	0.004	0.02	0.03	U
^{58}Co					0	0.56	0.61	U	0.02	0.58	0.64	U	-0.07	0.04	0.07	U	0.004	0.04	0.05	U
^{60}Co					0.02	0.24	0.4	U	0.1	0.24	0.4	U	0	0.04	0.07	U	0.01	0.03	0.05	U
^{51}Cr					-2	23	12	U	0	22	12	U	-0.2	0.5	0.8	U	-0.3	0.4	0.7	U
^{134}Cs					-0.09	0.28	0.45	U	0.3	0.29	0.5	U	0.002	0.04	0.06	U	-0.002	0.03	0.05	U
^{137}Cs	2.3	0.32	0.2		0.99	0.63	0.64		3.91	0.73	0.49		3.4	0.1	0.06		3.3	0.09	0.05	
^{152}Eu					-0.6	1.8	3.1	U	0.1	1.7	3	U	0.3	0.2	0.3		0.3	0.2	0.3	
^{154}Eu					0.2	1.2	2.10	U	0.1	1.3	2.20	U	0.004	0.05	0.07	U	-0.007	0.04	0.07	U
^{155}Eu					0.1	1.4	2.3	U	-0.3	1.4	2.3		0.5	0.07	0.1		0.6	0.08	0.1	
^{59}Fe					-0.1	1.9	1.6	U	0.1	1.8	1.6	U	0.1	0.1	0.2	U	-0.02	0.08	0.1	U
^{131}I					0	1500	16	U	0	790	25	U	0.04	0.3	0.4	U	-0.2	0.2	0.4	U
^{40}K	15	2.7	2		38	12	7.2		30.9	8.1	7.2		34	1.3	0.6		43.1	1.1	0.4	
^{54}Mn					0.12	0.31	0.48	U	0.12	0.29	0.45	U	0.02	0.04	0.07	U	0.004	0.03	0.05	U
^{22}Na					-0.02	0.25	0.43	U	-0.04	0.25	0.42	U	-0.03	0.04	0.07	U	-0.02	0.03	0.05	U
^{94}Nb					0.03	0.26	0.45	U	-0.03	0.26	0.44	U	-0.01	0.04	0.06	U	-0.02	0.03	0.04	U
^{95}Nb					0.16	0.68	0.69	U	-0.17	0.65	0.67	U	0.2	0.07	0.1		0.08	0.05	0.08	
^{234m}Pa					-7	45	70	U	10	37	64	U	10.4	6.3	10.8	U	9.6	5.8	7.5	
^{210}Pb	8.9	2	2																	
^{212}Pb	1.6	0.26	0.3		0.7	1.5	1.1	U	1.9	1	1.1		2.1	0.09	0.09		2	0.07	0.08	
^{214}Pb	1.6	0.32	0.3		0.4	1.1	1.2	U	2.5	1.3	1.3		2	0.1	0.1		2.3	0.1	0.1	
^{106}Ru					0.9	2.8	4.4	U	0.2	2.8	4.4	U	3.1	0.4	0.2		3.6	0.3	0.2	
^{124}Sb					0.11	0.72	0.71	U	0	0.82	0.83	U	0.01	0.05	0.08	U	-0.02	0.04	0.06	U
^{125}Sb					-0.06	0.78	1.3	U	0.22	0.78	1.3	U	-0.08	0.1	0.2	U	0.001	0.08	0.1	U
^{46}Sc					0.22	0.51	0.58	U	-0.01	0.59	0.59	U	0.5	0.1	0.08		0.5	0.07	0.1	
^{85}Sr					0	0.61	0.63	U	0.21	0.63	0.65	U	0.3	0.04	0.08		0.1	0.04	0.06	
^{227}Th					-0.1	3.8	3.2	U	0.5	1.8	3.1	U	3.5	0.3	0.5		0.08	0.2	0.3	U
^{234}Th					1.5	6.4	11	U	0	18	11	U	3	0.6	0.5		6.7	1.3	0.5	
^{208}Tl	0.53	0.12	0.1		0.83	0.71	0.61		1.14	0.47	0.53		0.7	0.07	0.06		0.7	0.06	0.05	
^{235}U					1.6	0.2	3.3	U	0.6	2.1	3.5	U	0.4	0.07	0.3		0.5	0.06	0.3	
^{65}Zn					0.01	0.64	0.97	U	0.22	0.65	0.98	U	-0.07	0.1	0.1	U	-0.02	0.08	0.1	U

Watershed	Los Alamos Canyon				Los Alamos Canyon				Los Alamos Canyon				Mortandad Canyon				Mortandad Canyon			
Date	10/28/2000				9/8/2000				9/8/2000				10/23/2000				8/18/2000			
Location	Pueblo Canyon @ Bayo Treatment Plant				Pueblo Canyon @ Bayo Treatment Plant				Guaje @ SR 502				Mid Mortandad Canyon below TW-8				Canada del Buey @ SR4			
Sample ID	PU-2.0				PU-2.0				GU 0.01				MO 7.2				CDB 1.9			
	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name																				
^{228}Ac	2.5	0.4	0.5		2	0.1	0.2		1.7	0.6	0.8		9.5	1.5	2		2.4	0.4	0.5	
^{110m}Ag	0.8	2.4	4.0	U	-0.4	0.8	1.3	U	1.6	3.5	5.9	U	5.6	11.4	19.2	U	1.1	1.8	3.1	U
^{26}Al																				
^{241}Am	0.1	0.3	0.5	U	0.04	0.1	0.2	U	0.2	0.2	0.3	U	126	3.2	2.1		0.1	0.1	0.2	U
^{7}Be	3	2.6	2.3		4	0.6	0.6		0.3	3.4	5.7	U	3.3	5.8	9.6	U	9.4	1.5	1.5	
^{212}Bi	2	1.5	2.6	U	3.1	0.7	0.7		1.9	1.9	3.3	U	11.6	6.4	7.9		3.3	1.8	2	
^{214}Bi	2.5	0.4	0.3		3.6	0.4	0.1		2.1	0.4	0.4		20.6	1.5	1.3		2.8	0.4	0.3	
^{139}Ce	0.04	0.10	0.20	U	-0.02	0.03	0.05	U	0.03	0.10	0.20	U	-0.39	0.36	0.59	U	0.04	0.06	0.10	U
^{144}Ce	-0.2	0.6	0.9	U	-0.1	0.2	0.3	U	-0.9	0.7	1.1	U	-0.11	2.2	3.6	U	- 0.4	0.4	0.6	U
^{56}Co	-0.06	0.10	0.2	U	-0.03	0.04	0.1	U	0.1	0.30	0.5	U	0.07	0.45	0.8	U	0.08	0.10	0.2	U
^{57}Co	0.02	0.10	0.1	U	0	0.02	0.04	U	0.05	0.10	0.1	U	0.75	0.37	0.46		- 0.01	0.05	0.08	U
^{58}Co	0.03	0.1	0.3	U	-0.04	0.04	0.06	U	0.3	0.3	0.5	U	-0.14	0.46	0.72	U	- 0.1	0.1	0.2	U
^{60}Co	0.03	0.1	0.2	U	0.01	0.03	0.06	U	-0.1	0.1	0.2	U	2.4	0.48	0.59		- 0.08	0.1	0.2	U
^{51}Cr	-1.2	2.4	3.6	U	-0.3	0.5	0.8	U	9.2	9.6	16.1	U	-2.2	6.9	10.9	U	-0.02	1.1	1.7	U
^{134}Cs	0.04	0.1	0.2	U	0.3	0.2	0.05		-0.07	0.1	0.2	U	0.01	0.44	0.62	U	0.001	0.1	0.1	U
^{137}Cs	2.1	0.2	0.2		4.4	0.1	0.06		2.3	0.3	0.2		234	2.4	0.67		0.2	0.2	0.2	U
^{152}Eu	0.7	0.5	0.9	U	0.4	0.2	0.3		-0.5	0.7	1	U	3.9	2.7	3.1		0.2	0.5	0.8	U
^{154}Eu	-0.05	0.1	0.20	U	-0.009	0.05	0.08	U	0.02	0.1	0.20	U	1.5	0.73	0.95		-0.08	0.1	0.20	U
^{155}Eu	0.6	0.3	0.4		0.8	0.09	0.1		0.3	0.2	0.3	U	3.7	0.94	1.1		0.9	0.2	0.2	
^{59}Fe	0.04	0.4	0.6	U	0.01	0.09	0.1	U	0.7	1.2	2	U	-0.44	1.1	1.7	U	0.09	0.2	0.4	U
^{131}I	4.4	4.2	7.4	U	0.2	0.3	0.5	U	-301	421	652	U	-0.48	5	8.4	U	-0.2	0.6	0.9	U
^{40}K	47.8	3.8	1.3		42	1.2	0.4		33	4.1	1.9		228	9.8	5.2		50.3	2.5	1.3	
^{54}Mn	0.02	0.1	0.2	U	0.07	0.04	0.05		-0.02	0.2	0.3	U	0.19	0.37	0.64	U	0.01	0.1	0.2	U
^{22}Na	-0.06	0.1	0.2	U	-0.003	0.04	0.06	U	-0.05	0.2	0.3	U	0.08	0.38	0.62	U	0.1	0.1	0.2	U
^{94}Nb	-0.09	0.1	0.1	U	0.006	0.03	0.05	U	-0.1	0.1	0.2	U	0.12	0.33	0.57	U	0.05	0.1	0.1	U
^{95}Nb	-0.1	0.3	0.4	U	0.04	0.06	0.09	U	0.6	0.9	1.5	U	0.95	0.71	1	U	0.1	0.1	0.2	U
^{234m}Pa	19.4	16.3	29.6	U	15.7	6	8.6		3.9	20.4	33.7	U	163	66.9	87.6		10.3	15.1	25.2	U
^{210}Pb																				
^{212}Pb	2.1	0.2	0.3		2.3	0.08	0.09		2.3	0.3	0.3		8.8	0.8	1.1		3.2	0.2	0.2	
^{214}Pb	2.5	0.3	0.3		2.9	0.1	0.1		2.1	0.4	0.4		20.8	1.4	1.5		3.0	0.2	0.3	
^{106}Ru	4.1	0.9	0.8		4.1	0.4	0.2		5.1	1.4	0.9		49.7	4.8	3		7.6	0.9	0.6	
^{124}Sb	-0.03	0.2	0.3	U	-0.02	0.05	0.07	U	0.1	0.4	0.6	U	-0.52	0.54	0.83	U	-0.05	0.1	0.2	U
^{125}Sb	-0.06	0.3	0.5	U	0.001	0.09	0.2	U	-0.1	0.3	0.6	U	-1.3	1.3	2.2	U	0.01	0.2	0.4	U
^{46}Sc	0.6	0.3	0.3		0.7	0.09	0.07		0.7	0.5	0.7	U	4.9	0.81	0.83		0.7	0.2	0.2	
^{85}Sr	0.3	0.2	0.3		0.2	0.04	0.07		1	0.3	0.6		2.4	0.57	0.91		0.8	0.1	0.2	
^{227}Th	-0.01	0.7	1	U	0.2	0.2	0.4	U	3.3	0.9	1.5		0.35	2.9	4.2	U	5.5	0.6	1	
^{234}Th	7.4	3.9	2.1		8	1.3	0.6		3.7	2	1.8		73	12.9	6.7		4.6	1.4	1	
^{208}Tl	0.9	0.2	0.2		0.8	0.07	0.05		0.8	0.2	0.2		2.7	0.62	0.65		1.1	0.2	0.1	
^{235}U	0.5	0.3	1	U	0.6	0.07	0.3		0.4	0.2	1	U	4.4	0.8	3.8		0.6	0.2	0.7	U
^{65}Zn	-0.1	0.3	0.4	U	0.04	0.09	0.1	U	-0.1	0.4	0.6	U	0.56	1	1.4	U	0.01	0.2	0.3	U

Watershed	Mortandad Canyon				Pajarito Canyon				Pajarito Canyon				Pajarito Canyon				Pajarito Canyon			
Date	10/23/2000				9/8/2000				10/23/2000				10/28/2000				10/28/2000			
Location	Canada del Buey @ SR 4				Pajarito Canyon @ SR501(west of LANL)				Unnamed Tributary @ PA 2.2				Twomile Canyon @ SR 501				Pajarito Canyon @ SR 4			
Sample ID	CDB 1.9				PA 10.4				UN 0.01				TM 3.1				PA 2.2			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name																				
^{228}Ac	2.1	0.18	0.24		1.6	0.3	0.5		5	1.5	1.7		6.4	2.8	4.6		2.2	0.05	0.6	
^{110m}Ag	0.23	0.98	1.6	U	-1.3	2.4	4.0	U	2.9	7	11.9	U	12.8	14.4	25.2	U	1.2	2.6	4.4	U
^{26}Al																				
^{241}Am	-0.01	0.15	0.22	U	0.09	0.3	0.4	U	0.19	0.92	1.4	U	-0.2	0.7	1	U	0.2	0.1	0.2	
^{7}Be	6.2	0.94	0.7		6.8	3.3	4.2		21.2	5	5.4		1.9	7.7	13.0	U	3.4	2.7	2.6	
^{212}Bi	2.4	1.0	1		3.3	1.8	1.8		5.7	8.0	7.3	U	6	8.6	14.9	U	2.7	2.1	2.5	
^{214}Bi	2.1	0.19	0.2		2.4	0.3	0.2		6	1.1	1.0		5.5	2.2	2.0		1.8	0.4	0.3	
^{139}Ce	0.004	0.04	0.07	U	-0.03	0.10	0.20	U	0.03	0.28	0.46	U	0.1	0.50	0.80	U	0.08	0.10	0.20	U
^{144}Ce	0.02	0.26	0.41	U	-0.5	0.6	0.9	U	1.2	1.7	3	U	-0.4	2.9	4.8	U	-0.4	0.6	0.9	U
^{56}Co	-0.009	0.05	0.1	U	-0.09	0.20	0.3	U	0.33	0.38	0.7	U	0.3	0.90	1.5	U	-0.04	0.20	0.3	U
^{57}Co	0.01	0.03	0.05	U	-0.04	0.10	0.1	U	0.1	0.22	0.38	U	-0.01	0.40	0.6	U	0.005	0.07	0.1	U
^{58}Co	-0.06	0.05	0.08	U	0.04	0.2	0.3	U	0.28	0.36	0.64	U	-0.5	0.9	1.4	U	0.08	0.2	0.3	U
^{60}Co	0.04	0.05	0.21	U	-0.03	0.1	0.1	U	-0.01	0.3	0.49	U	0.4	0.7	1.2	U	0.08	0.1	0.2	U
^{51}Cr	-0.41	0.59	0.91	U	-2.7	6.6	10.2	U	2.9	4.1	7.3	U	-2.7	12.5	19.9	U	0.8	0.25	4.1	U
^{134}Cs	-0.03	0.05	0.07	U	-0.04	0.1	0.1	U	0.16	0.33	0.49	U	-0.4	0.7	1	U	-0.1	0.1	0.2	U
^{137}Cs	0.22	0.07	0.08		3.7	0.3	0.1		0.57	0.38	0.68	U	3.1	1.2	1		3.2	0.3	0.2	
^{152}Eu	0.25	0.23	0.4	U	0.6	0.4	0.8	U	0.17	1.6	2.7	U	2.2	2.9	5.3	U	0.1	0.5	0.9	U
^{154}Eu	0.02	0.07	0.11	U	0.03	0.1	0.20	U	-0.19	0.44	0.73	U	-0.01	0.7	1.10	U	-0.03	0.1	0.20	U
^{155}Eu	0.65	0.12	0.14		0.5	0.2	0.3		0.47	0.63	1.1	U	1.2	0.8	1.3	U	0.3	0.2	0.3	
^{59}Fe	0.03	0.12	0.21	U	-0.3	0.7	1.1	U	0.47	0.86	1.5	U	-0.02	2.5	4	U	0.2	0.5	0.8	U
^{131}I	0.05	0.24	0.42	U	-41.1	291	487	U	-1.4	2.1	3.4	U	8.6	25.9	42.5	U	5.5	4.7	8	U
^{40}K	37.8	1.8	0.69		34.9	3	1.2		90.6	9.6	5.1		111	16.9	9.1		28.4	3.5	1.5	
^{54}Mn	0.02	0.05	0.08	U	0.04	0.1	0.2	U	0.2	0.33	0.59	U	-0.2	0.7	1.1	U	-0.07	0.1	0.2	U
^{22}Na	0.02	0.05	0.09	U	0.05	0.1	0.2	U	-0.13	0.35	0.55	U	0.1	0.7	1.2	U	-0.06	0.1	0.2	U
^{94}Nb	0.03	0.04	0.08	U	0.04	0.8	0.1	U	0.19	0.3	0.53	U	0.3	0.6	1	U	0.04	0.1	0.2	U
^{95}Nb	0.04	0.08	0.11	U	0.02	0.6	0.9	U	0.02	0.05	0.8	U	-0.3	1.5	2.4	U	0.2	0.3	0.5	U
^{234m}Pa	16.1	7.3	13.5		20.2	14.5	26.5	U	44.8	76.7	78	U	3.5	99.7	163	U	-0.8	17.9	29	U
^{210}Pb																				
^{212}Pb	2.1	0.12	0.12		1.6	0.2	0.2		4.8	0.73	0.82		3.3	1.3	1.5		2.1	0.3	0.3	
^{214}Pb	2.1	0.17	0.15		2.1	0.3	0.3		6.2	0.98	1.1		5.7	1.4	1.9		1.4	0.4	0.4	
^{106}Ru	2.8	0.46	0.31		3.9	0.9	0.7		12.2	3.2	2.3		19.1	5.6	4.4		4.1	1	0.8	
^{124}Sb	0.007	0.06	0.09	U	0.2	0.3	0.4	U	-0.01	0.39	0.62	U	-1	1.2	1.6	U	-0.1	0.2	0.3	U
^{125}Sb	0.01	0.12	0.2	U	-0.08	0.2	0.4	U	0.008	0.83	1.8	U	-0.9	1.6	2.6	U	-0.01	0.3	0.5	U
^{46}Sc	0.37	0.11	0.15		0.7	0.3	0.5		0.82	0.75	0.97	U	2.6	1.2	2.3		0.3	0.3	0.4	U
^{85}Sr	0.1	0.05	0.09		0.2	0.2	0.4	U	0.68	0.41	0.68	U	3.8	1	1.8		0.6	0.2	0.3	
^{227}Th	-0.01	0.33	0.48	U	0.06	0.6	0.9	U	-1.8	2.3	3.1	U	5	4.2	6.3	U	3.9	0.8	1.4	
^{234}Th	7.1	2.1	0.84		5.1	2.9	1.6		24.9	10.4	6.1		15.1	6.4	7.3		2.2	1.6	1.5	
^{208}Tl	0.65	0.09	0.07		0.6	0.2	0.1		1.5	0.56	0.51		0.4	1	0.9	U	0.7	0.2	0.2	
^{235}U	0.51	0.1	0.45		0.4	0.2	0.8	U	1.3	0.65	3.3	U	-0.09	2.8	4.6	U	0.4	0.2	0.9	U
^{65}Zn	-0.02	0.12	0.17	U	0.08	0.3	0.4	U	0.12	0.87	1.3	U	-3.5	1.9	2.5	U	0.2	0.3	0.5	U

Watershed	Pajarito Canyon				Pajarito Canyon				Water Canyon				Water Canyon				Water Canyon				Water Canyon				Rio Grande - White Rock Canyon		
Date	10/23/2000				10/23/2000				10/23/2000				10/24/2000				10/28/2000				10/23/2000				10/28/2000		
Location	Pajarito Canyon below TA 18				TA - 54 Area G Tributary (below NPDES Station G-3)				Water Canyon @ SR 4				Water Canyon @ SR 4 (ISCO sample)				Water Canyon @ SR 4				Potrillo Canyon @ SR 4				Rio Grande near White Rock(08313260) at 1:30 am		
Sample ID	PA 4.8				AREA G TRIB				WA 2.9				WA 2.9 ISCO				WA 2.9				PO 1.8				White Rock, Rio Grande		
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDC
Nuclide Name																											
^{228}Ac	7.2	3.4	6.5		5.8	0.93	1.2		3.8	1.9	2.4		5.4	1.6	2.1		5.7	1.6	2.1		5.4	2.7	4.8		3	1.1	1.3
^{110m}Ag	-5.5	18	29.6	U	-0.94	4.6	7.6	U	-2.2	7.3	12.2	U	8.3	8.6	15.1	U	-6.8	9.1	14.4	U	-1.2	13.8	22.9	U	3.5	5.1	8.8
^{26}Al																											
^{241}Am	1.6	0.94	1.5		-0.03	0.65	0.99	U	3.2	0.47	0.61		0.54	1.2	1.8	U	9.2	1.2	1.8		-0.88	0.71	1.1	U	0.3	0.3	0.4
^{7}Be	11.8	9.2	16.4	U	12.9	3	3.6		18.3	5	5.6		19.4	6.2	6.7	U	5.3	5.7	10.0	U	9	8.6	11.1	U	3.2	3.8	4.0
^{212}Bi	14	12.0	21.6	U	4.3	3.3	5.8	U	4.1	4.8	8.1	U	8.3	5.4	9.9	U	5.4	5.8	10	U	5.6	9.5	16.4	U	0.36	3.4	5.7
^{214}Bi	9.6	3.2	2.9		6.6	0.83	0.7		12.2	1.3	1.1		6.3	1.6	1.4		6.4	1.6	1.2		5.3	2.6	2.1		3.4	0.7	0.7
^{139}Ce	-0.19	0.63	1.00	U	-0.11	0.18	0.29	U	0.11	0.26	0.43	U	-0.78	0.35	0.56	U	0.2	0.40	0.70	U	-0.08	0.47	0.76	U	0.08	0.17	0.28
^{144}Ce	0.31	3.9	6.4	U	0.22	1.1	1.9	U	-0.63	1.6	2.6	U	0.14	2.2	3.7	U	1.8	2.3	3.8	U	1.41	3	4.9	U	-0.41	1.06	1.7
^{56}Co	0.1	1.00	1.7	U	-0.07	0.25	0.4	U	-0.12	0.43	0.7	U	-0.41	0.49	0.8	U	-0.1	0.50	0.9	U	0.15	0.81	1.4	U	0.06	0.27	0.5
^{57}Co	-0.01	0.46	0.76	U	-0.12	0.15	0.28	U	0.06	0.20	0.33	U	0.12	0.27	0.45	U	-0.2	0.30	0.5	U	-0.15	0.35	0.58	U	0.03	0.13	0.21
^{58}Co	0.27	1	1.7	U	0.07	0.24	0.41	U	-0.38	0.4	0.65	U	-0.31	0.45	0.71	U	0.04	0.5	0.9	U	0.1	0.77	1.3	U	-0.15	0.28	0.44
^{60}Co	-0.06	1.1	1.7	U	-0.04	0.22	0.34	U	-0.1	0.38	0.61	U	-0.25	0.42	0.62	U	-0.06	0.4	0.7	U	0.58	0.67	1.2	U	0.1	0.25	0.44
^{51}Cr	-6.7	11.3	17.7	U	0.58	2.5	4.4	U	2.3	4.1	6.7	U	-1.9	5	8.3	U	-3.1	9.1	14.1	U	1.8	8	13.1	U	-2.4	2.9	4.5
^{134}Cs	0.29	1	1.5	U	0.18	0.22	0.34	U	-0.52	0.41	0.56	U	0.26	0.48	0.73	U	0.1	0.5	0.7	U	-0.5	0.82	1.1	U	0.24	0.25	0.39
^{137}Cs	0.91	0.98	1.7	U	0.003	0.24	0.39	U	3.5	0.64	0.64		2.7	0.93	0.76		2.8	0.7	0.7		0.61	0.72	1.3	U	2.3	0.5	0.3
^{152}Eu	-0.11	4.7	7.9	U	0.78	1.1	1.9	U	0.58	1.8	3.1	U	2.5	2	3.8	U	1.9	2.1	3.7	U	1	3	5.3	U	0.8	1.2	2.2
^{154}Eu	-0.02	0.93	1.50	U	0.03	0.3	0.50	U	0.31	0.4	0.66	U	-0.43	0.54	0.87	U	0.06	0.5	0.90	U	-0.45	0.71	1.20	U	0.65	0.26	0.43
^{155}Eu	1.6	1.3	1.9	U	1.3	0.57	0.81		0.4	0.59	0.74	U	1.5	0.85	1.3		0.8	1.2	1.3	U	0.28	0.85	1.4	U	0.25	0.44	0.55
^{59}Fe	-0.12	2.3	3.8	U	0.03	0.53	0.88	U	-0.03	0.93	1.5	U	-0.45	1	1.6	U	-1.2	1.5	2.3	U	0.11	1.9	3.1	U	-0.34	0.66	1
^{131}I	1.7	5.4	8.8	U	-0.67	1.4	2.2	U	0.86	1.6	2.7	U	-0.06	2.3	3.8	U	2.2	17.7	30.1	U	1.6	4.1	6.7	U	1	1.4	2.4
^{40}K	121	19.1	12.4		78.9	7	3.1		130	10.4	5.4		110	12.4	5.6		105	12.7	6.9		89.9	7.5	11.8		47.9	7.1	3.7
^{54}Mn	0.54	0.91	1.6	U	-0.03	0.23	0.38	U	0.15	0.37	0.62	U	-0.16	0.4	0.66	U	0.1	0.4	0.8	U	0.24	0.68	1.1	U	-0.13	0.24	0.38
^{22}Na	-0.68	0.9	1.4	U	-0.18	0.25	0.38	U	-0.47	0.39	0.6	U	-0.11	0.4	0.62	U	-0.4	0.5	0.7	U	-0.018	0.67	1.1	U	-0.17	0.26	0.41
^{94}Nb	0.15	0.82	1.4	U	0.07	0.18	0.31	U	0.09	0.34	0.57	U	-0.6	0.36	0.59	U	-0.23	0.3	0.5	U	-0.004	0.63	1	U	0.08	0.22	0.38
^{95}Nb	0.32	1.2	2	U	0.06	0.34	0.55	U	0.24	0.5	0.83	U	0.56	0.66	1.1	U	0.06	0.9	1.5	U	0.11	0.88	1.5	U	-0.04	0.36	0.58
^{234m}Pa	166	143	258	U	4.6	33.3	62.7	U	24	57.5	95.2	U	18.8	58	99.3	U	57.8	64.6	116	U	-10.1	112	180	U	46	39.1	70.3
^{210}Pb																											
^{212}Pb	5.5	2.1	1.9		4.9	0.62	0.58		5.8	0.75	0.82		4.2	0.91	1.1		4.1	0.8	1		4.9	1.6	1.6		3.6	0.5	0.5
^{214}Pb	8.7	2.3	2.7		7.4	0.74	0.68		12.2	1	1.1		7.2	1.3	1.2		7.8	1.2	1.3		6.2	2	1.9		3.4	0.7	0.7
^{106}Ru	23.1	7.2	5.9		9.2	2.2	1.4		27.8	3	2.3		18	3.9	2.5		16.5	4.1	2.8		26.9	7	4.3		7.1	2.4	1.6
^{124}Sb	0.58	1.2	1.9	U	-0.02	0.3	0.42	U	-0.31	0.5	0.69	U	-0.02	0.57	0.89	U	-0.4	0.7	1	U	0.29	0.99	1.4	U	0.29	0.35	0.5
^{125}Sb	0.04	2.3	3.8	U	-0.09	0.55	0.92	U	-0.68	0.9	1.5	U	0.54	1.1	1.8	U	0.8	1.1	1.8	U	-0.54	1.5	2.5	U	-0.03	0.59	1
^{46}Sc	3.2	2.7	2		1.7	0.62	0.43		2.7	0.67	0.74		1.5	0.84	0.76		1.8	0.9	1		1.7	1.1	1.6		0.43	0.35	0.63
^{85}Sr	3	1.1	2		0.34	0.25	0.41	U	2.9	0.45	0.76		0.6	0.46	0.75	U	0.7	0.6	1	U	2.6	0.81	1.6		0.77	0.29	0.54
^{227}Th	9.1	5.8	8.9		0.44	1.5	2.2	U	7.2	2.4	3.6		0.58	2.9	4.1	U	0.5	2.6	3.8	U	9.8	4.5	7		5.9	1.7	2.8
^{234}Th	16.3	9.4	9.6		15.9	10.1	4		15.6	5.7	4.2		30.1	14.6	7.3		27.6	13.7	7.1		9.8	7.8	8.7		8	3.9	3.6
^{208}Tl	2.6	1.8	1.4		1.8	0.41	0.33		2.1	0.59	0.56		0.76	0.77	0.67		1.3	0.6	0.7		1	0.73	1.3	U	1.2	0.4	0.4
^{235}U	-0.55	4.1	6.8	U	1.5	0.46	2.1	U	1.6	0.59	2.8	U	2.3	0.92	3.9	U	2	0.7	4	U	-0.22	3.1	5	U	0.71	0.42	1.8
^{65}Zn	1.9	2.1	3.3	U	0.22	0.51	0.77	U	0.13	0.97	1.4	U	0.72	1	1.5	U	0.3	1	1.5	U	1.4	1.6	2.6	U	-0.43	0.6	0.9

Qualifiers:
U - Result is less than the sample specific MDA
or less than the associated uncertainty
SQ - Spectral interference prevents accurate quantitation.
TI - Nuclide identification is tentative
SI - Identification is tentative due to spectral interference
R2 - Five times greater activity than the measured blank.
MDA - Minimum Detection Activity

Table 1. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 1

Watershed		Rio Grande - White Rock Canyon			
Date		10/24/2000			
Location		Rio Grande near White Rock(08313268) at 5:30 am			
Sample ID		White Rock, Rio Grande			
	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual
Nuclide Name					
^{228}Ac		2.1	0.4	0.5	
^{110m}Ag	U	-0.32	1.8	3.0	U
^{26}Al					
^{241}Am	U	0.16	0.13	0.2	U
^{7}Be	U	2.1	1.5	1.6	
^{212}Bi	U	2.2	1.4	2.6	U
^{214}Bi		2	0.3	0.3	
^{139}Ce	U	-0.04	0.07	0.12	U
^{144}Ce	U	-0.35	0.45	0.73	U
^{56}Co	U	0.002	0.12	0.2	U
^{57}Co	U	-0.02	0.05	0.09	U
^{58}Co	U	-0.12	0.16	0.16	U
^{60}Co	U	-0.03	0.16	0.16	U
^{51}Cr	U	0.27	1.2	1.9	U
^{134}Cs	U	-0.02	0.1	0.15	U
^{137}Cs		0.55	0.22	0.16	
^{152}Eu	U	0.18	0.5	0.87	U
^{154}Eu		-0.03	0.18	0.18	U
^{155}Eu	U	0.52	0.15	0.25	
^{59}Fe	U	0.09	0.28	0.46	U
^{131}I	U	0.4	0.62	1	U
^{40}K		30.3	3	1.4	
^{54}Mn	U	0.05	0.05	0.17	U
^{22}Na	U	-0.04	0.1	0.17	U
^{94}Nb	U	0.01	0.09	0.15	U
^{95}Nb	U	0.28	0.2	0.28	U
^{234m}Pa	U	-3.3	16.9	27	U
^{210}Pb					
^{212}Pb		2	0.2	0.22	
^{214}Pb		2.2	0.27	0.28	
^{106}Ru		3.3	0.8	0.6	
^{124}Sb	U	0.05	0.14	0.2	U
^{125}Sb	U	0.05	0.24	0.41	U
^{46}Sc	U	0.44	0.22	0.22	
^{85}Sr		0.2	0.12	0.19	
^{227}Th		2.9	0.7	1.1	
^{234}Th		4	1.7	1.3	
^{208}Tl		0.65	0.15	0.16	
^{235}U	U	0.41	0.13	0.75	U
^{65}Zn	U	-0.27	0.31	0.37	U
	< MDA				
	ate quantitation.				
	ctral interference				
	measured blank.				

Table 2 - NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Gross Alpha/Beta, Plutonium and Americium Activities

Sample ID	Sample Location	Date	Time	Gross Alpha (pCi/g)	unc. (+/-)	DL	Gross Beta (pCi/g)	unc. (+/-)	DL	^{238}Pu (pCi/g)	unc. (+/-)	DL	^{239}Pu (pCi/g)	unc. (+/-)	DL	^{241}Am (pCi/g)	unc. (+/-)	DL
Acid & Pueblo Canyons																		
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00								<0.5	0.6	0.5	107	36.2	0.5	4.1	1.4	0.07
SFAC 0.01	Composited Suspended Sediment from both SFAC samples	10/12/00 10/13/00	12:00, 15:00							<0.5	0.4	0.5	38.1	10.7	0.3	3.8	0.9	0.03
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30	42.1	14.6	2.9	56.4	4	3.3									
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00								0.1	0.03	0.01	0.2	0.04	0.01	<.05	0.03	0.05
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15							0.19	0.07	0.3	0.10	0.05	0.4	0.02	0.02	0.01
PUN 0.1	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30	29.9	11.6	3.7	54.7	4	3.1	0.04	0.01	0.001	0.06	0.01	0.001	0.03	0.01	0.01
PUN 0.1	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00	29.8	10.4	2.9	51.8	3.7	2.9	< 0.08	0.16	0.08	0.22	0.11	0.08	< 0.28	0.09	0.28
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50	35.2	11.5	3.7	58.5	4.3	2.9	0.05	0.01	0.001	0.06	0.01	0.001	0.02	0.01	0.01
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00	38.5	12.7	3.2	60.3	4.2	3	0.06	0.01	0.001	0.18	0.03	0.001	0.04	0.02	0.01
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08	39.0	12.9	3	55.4	4.1	3	< 0.03	0.09	0.03	3.92	0.72	0.03	0.18	0.10	0.08
Los Alamos Canyon																		
LA Reservoir	Los Alamos Reservoir (Sediment from botom of reservoir)	08/31/00	10:45	41.8	13.2	3.8	53.9	3.9	2.9	0.07	0.02	0.001	0.10	0.02	0.001	0.04	0.02	0.01
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59	25	7.3	8	35	7.3	10	0.0011	0.15	0.2	< 0.0010	0.14	0.2	< 0.19	0.29	0.4
LA 10.5	Los Alamos Canyon at Skate Ring Gage	10/28/00	13:45	31.3	11.4	2.8	61.3	4.3	3.4	< 0.07	0.16	0.07	0.11	0.05	0.05	< 0.08	0.06	0.08
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	18:20 - 18:55	11.6	2.0	0.52	10.8	1.6	0.68	0.005	0.011	0.019	0.74	0.11	0.013	0.030	0.027	0.040
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:00 - 19:35	12.0	2.1	0.80	12.7	2.0	0.95	0.0106	0.0083	0.012	2.43	0.31	0.0026	0.055	0.035	0.036
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:40 - 20:15	14.4	2.6	0.89	13.6	2.2	1.2	0.0149	0.0087	0.0092	1.37	0.18	0.0073	0.044	0.018	0.015
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:26	7.4	1.3	0.43	10.3	1.6	0.59	0.071	0.018	0.009	0.470	0.068	0.002	0.98	0.14	0.015
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	10/28/00	10:05	26.6	9.9	3.6	66.6	4.8	3.8	< 0.07	0.18	0.07	1.34	0.38	0.06	0.76	0.29	0.1
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	09/12/00	10:33							0.20	0.04	0.01	1.4	0.2	0.01	< 0.74	0.52	0.74
GU 0.01	Guaje @ SR 502 (COLLECTED BY ESH-18)	09/08/00	18:31	23.5	8.2	3.1	48.2	3.7	3.3	< 0.07	0.11	0.07	0.09	0.05	0.06	< 0.06	0.04	0.06
Pajarito Canyon Watershed																		
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15	23.9	8.9	2.8	49.0	3.9	3.2	< 0.03	0.11	0.03	0.10	0.05	0.03	< 0.06	0.05	0.06
PA 10.4	Pajarito @ SR 501	09/08/00	16:50	26.7	10.5	2.8	47.5	3.6	3.3	< 0.05	0.10	0.05	0.17	0.07	0.03	< 0.06	0.05	0.06
PA 10.4	Pajarito @ SR 501	10/28/00	13:00	19.2	6.7	2.8	41.3	3.4	3.1	0.3	0.2	0.1	< 0.2	0.1	0.2	< 0.49	0.07	0.49
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	38.3	13.2	2.8	53.4	4.8	3.2	0.39	0.14	0.04	0.09	0.06	0.04	< 0.12	0.02	0.12
PA 2.2	Pajarito @ SR 4	10/28/00	12:00	14.9	6.2	2.8	39.3	3.3	2.8	< 0.01	0.08	0.01	0.09	0.04	0.03	< 0.06	0.04	0.06
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05	40.5	13.5	2.8	55.3	3.8	3.1	0.33	0.13	0.04	< 0.05	0.03	0.05	0.03	0.04	0.03
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	51.3	19.4	2.4	70.6	4.6	3.3	0.43	0.15	0.06	0.35	0.13	0.05	< 0.08	0.06	0.08
Water Canyon Watershed																		
WA 9.9	Water Canyon @ SR 502	10/28/00	12:30	19.2	6.7	3	40.4	3.4	3	< 0.3	0.1	0.3	< 0.3	0.1	0.29	< 0.32	0.12	0.32
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40							0.28	0.15	0.06	0.35	0.11	0.08			
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	41.4	15.8	3.5	66.1	4.5	3.1	0.26	0.11	0.07	0.11	0.06	0.07	< 0.12	0.07	0.12
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41	37.2	14.2	3.5	57.3	4.1	3.1	0.46	0.16	0.05	0.19	0.09	0.04	< 0.08	0.06	0.08
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	31.3	12	3.6	45.4	3.8	3.6	< 0.04	0.06	0.04	0.03	0.03	0.03	< 0.08	0.03	0.08
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40	42.2	16.2	3.1	44.8	3.6	3.3									
Mortandad Canyon Watershed																		
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50	47.6	17.7	2.7	61.6	4.2	3.2	0.36	0.19	0.14	0.31	0.18	0.14	< 0.19	0.09	0.19
CDB 1.9	Canada del Buey @ SR 4	08/18/00	17:50	39.6	12.5	4.1	45.5	3.5	2.9	0.07	0.05	0.02	0.06	0.03	0.03	0.02	0.02	0.02
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00	34.1	13	2.5	43.6	3.6	3	0.25	0.11	0.06	< 0.05	0.03	0.05	< 0.09	0.05	0.09
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00	16:55	182	60.2	3.6	231	11.4	3.4	4.48	1.48	0.58	5.02	1.65	0.05	29.8	27.1	0.4
Sandia Canyon Watershed																		
SA 5.6	Mid Sandia Canyon @ SCS 2	10/23/00		45.6	14.8	2.8	69.4	4.6	3.1									
Rio Grande - White Rock Canyon, Cochiti Reservoir																		
Cochiti 01	USGS Cochiti Reservoir Outlet	08/29/00								-0.04	0.07	0.04	0.06	0.04	0.04			
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00								-0.04	0.06	0.05	0.06	0.04	0.04			
Cochiti 01	USGS Cochiti Reservoir Outlet	08/30/00								-0.06	0.08	0.07	< 0.06	0.04	0.06			
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	13:45							0.58	0.31	0.28	< 0.23	0.17	0.23	< 0.22	0.09	0.22
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30							0.33	0.13	0.06	0.15	0.08	0.08	< 0.09	0.05	0.09
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30							0.25	0.10	0.05	0.08	0.05	0.04	< 0.06	0.04	0.06
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00							< 0.10	0.1	0.1	0.08	0.05	0.05	< 0.1	0.03	0.1

DL - Detection Limit
Uncertainty = +/- 2s Total propagated uncertainty
< = Less than value

Table 3 NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Uranium and Thorium Activities

Sample ID	Sample Location	Date	Time	^{234}U (pCi/g)	unc. (+/-)	DL	^{235}U (pCi/g)	unc. (+/-)	DL	^{238}U (pCi/g)	unc. (+/-)	DL	^{228}Th (pCi/g)	unc. (+/-)	DL	^{230}Th (pCi/g)	unc. (+/-)	DL	^{232}Th (pCi/g)	unc. (+/-)	DL
Acid & Pueblo Canyons																					
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00		1.77	0.48	0.06	0.17	0.09	0.03	1.34	0.38	0.05									
SFAC 0.01	Composited Suspended Sediment from both SFAC samples	10/12/00 10/13/00	12:00, 15:00																		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30																		
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00		0.94	0.38	0.04	0.14	0.11	0.05	0.98	0.39	0.04									
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15																		
PUN 0.1	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30	1.46	0.43	0.09	0.18	0.13	0.06	1.35	0.40	0.05	1.62	0.70	0.05	1.09	0.50	0.05	1.30	0.58	0.05
PUN 0.1	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00																		
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50	1.19	0.40	0.12	< 0.13	0.10	0.13	1.4	0.45	0.12	1.65	0.41	0.05	1.17	0.31	0.02	1.32	0.34	0.04
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00	1.39	0.48	0.14	0.17	0.15	0.15	1.68	0.55	0.07	2.13	1.62	0.39	0.92	0.79	0.18	1.47	1.18	0.39
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08	1.21	0.25	0.01	0.06	0.04	0.03	1.26	0.25	0.01									
Los Alamos Canyon																					
LA Reservoir	Los Alamos Reservoir (Sediment from botom of reservoir)	08/31/00	10:45	1.80	0.3	0.01	0.080	0.1	0.04	1.6	0.3	0.03									
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59	2.1	0.58	0.6	-0.20	0.21	0.4	3.0	0.60	0.5									
LA 10.5	Los Alamos Canyon at Skate Ring Gage	10/28/00	13:45	2.10	0.46	0.05	0.06	0.05	0.03	1.99	0.44	0.02									
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	18:20 - 18:55	1.45	0.20	0.016	0.058	0.019	0.012	1.49	0.21	0.016									
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:00 - 19:35	1.64	0.23	0.020	0.103	0.028	0.015	1.58	0.22	0.010									
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:40 - 20:15	1.72	0.25	0.024	0.091	0.029	0.017	1.83	0.26	0.017									
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:26																		
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	10/28/00	10:05	1.96	0.36	0.02	0.06	0.03	0.01	2.15	0.39	0.01									
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	09/12/00	10:33	1.97	0.86	0.45	< 0.56	0.23	0.56	1.89	0.84	0.24	3.9	1.6	0.6	4.8	1.9	0.7	2.6	1.2	0.9
GU 0.01	Guaje @ SR 502 (COLLECTED BY ESH-18)	09/08/00	18:31	1.09	0.23	0.03	0.04	0.03	0.03	1.40	0.28	0.03									
Pajarito Canyon Watershed																					
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15																		
PA 10.4	Pajarito @ SR 501	09/08/00	16:50	0.09	0.20	0.03	0.04	0.03	0.03	0.95	0.21	0.01									
PA 10.4	Pajarito @ SR 501	10/28/00	13:00																		
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	1.06	0.22	0.04	0.06	0.04	0.01	0.97	0.20	0.02									
PA 2.2	Pajarito @ SR 4	10/28/00	12:00	0.89	0.19	0.03	0.05	0.04	0.03	1.00	0.21	0.01									
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05	1.36	0.31	0.03	0.14	0.07	0.02	1.41	0.32	0.03									
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	1.47	0.37	0.11	0.13	0.07	0.07	1.42	0.35	0.09									
Water Canyon Watershed																					
WA 9.9	Water Canyon @ SR 502	10/28/00	12:30	1.23	0.39	0.12	0.11	0.09	0.05	1.24	0.39	0.11									
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40	1.4	0.3	0.1	0.07	0.05	0.06	1.5	0.3	0.1									
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	1.26	0.36	0.07	0.07	0.05	0.06	1.07	0.32	0.05									
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41	1.47	0.32	0.04	0.12	0.06	0.02	1.32	0.30	0.05									
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	1.54	0.40	0.1	0.18	0.11	0.08	1.20	0.33	0.07									
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40	1.54	0.37	0.05	0.11	0.06	0.02	1.48	0.35	0.05									
Mortandad Canyon Watershed																					
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50	2.83	0.66	0.03	0.26	0.13	0.04	2.88	0.67	0.03									
CDB 1.9	Canada del Buey @ SR 4	08/18/00	17:50	0.84	0.15	0.02	0.03	0.02	0.02	0.93	0.16	0.02									
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00																		
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00	16:55																		
Sandia Canyon Watershed																					
SA 5.6	Mid Sandia Canyon @ SCS 2	10/23/00		1.58	0.41	0.15	0.16	0.12	0.05	2.22	0.53	0.12									
Rio Grande - White Rock Canyon, Cochiti Reservoir																					
Cochiti 01	USGS Cochiti Reservoir Outlet	08/29/00																			
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00																			
Cochiti 01	USGS Cochiti Reservoir Outlet	08/30/00																			
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	13:45																		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	1.4	0.3	0	0.1	0	0	1.3	0.3	0									
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	2.1	0.4	0	0.1	0.1	0	2.2	0.4	0									
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00	1.33	0.31	0.03	0.15	0.07	0.02	1.39	0.33	0.02									

DL - Detection Limit
Uncertainty = +/- 2s Total propagated uncertainty
< = Less than value

Table 4. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Strontium, Cesium, Plutonium-241, and Curium Activities

Sample ID	Sample Location	Date	Time	^{89}Sr (pCi/g)	unc. (+/-)	DL	^{90}Sr (pCi/g)	unc. (+/-)	DL	^{137}Cs (pCi/g)	unc. (+/-)	DL	^{241}Pu (pCi/g)	unc. (+/-)	DL	^{242}Cm (pCi/g)	unc. (+/-)	DL	$^{243/244}Cm$ (pCi/g)	unc. (+/-)	DL	$^{245/246}Cm$ (pCi/g)	unc. (+/-)	DL
Acid & Pueblo Canyons																								
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00					< 1.70	0.8	1.7															
SFAC 0.01	Composited Suspended Sediment from both SFAC samples	10/12/00 10/13/00	12:00, 15:00				1.7	0.7	1.5															
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30				< 4	1.9	4															
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00					0	0.08	1.7															
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15				1.8	0.7	1.5															
PUN 0.1	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30				1.8	0.8	1.1	3.4	0.1	0.06												
PUN 0.1	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00	< 8.6	3.9	8.6	< 11	5.1	11															
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50				1.8	0.8	1.1	3.3	0.09	0.05												
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00				2.5	0.8	1.2	4.4	0.1	0.06												
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08	< 1.7	0.8	1.7	< 2.2	1	2.2	2.1	0.2	0.2												
Los Alamos Canyon																								
LA Reservoir	Los Alamos Reservoir (Sediment from botom of reservoir)	08/31/00	10:45				1.60	0.8	1.6	3.3	0.1	0.1												
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59				1.6	0.83	1	2.3	0.32	0.2	< 3.3	1.9	3.3	-0.10	0.20	0.4	< 0.11	0.20	0.3	-0.10	0.12	0.3
LA 10.5	Los Alamos Canyon at Skate Ring Gage	10/28/00	13:45	< 0.6	0.3	0.6	< 0.6	0.3	0.6	3	1.2	1.2												
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	18:20 - 18:55							0.99	0.63	0.64												
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:00 - 19:35							1.30	0.33	0.42												
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:40 - 20:15							2.32	0.84	0.66												
DP 0.01	DP Canyon upstream from jct. With Los Alamos Canyon	10/27/00	18:26				1.53	0.34	0.26	3.91	0.73	0.49												
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	10/28/00	10:05	< 1.7	0.8	1.7	2.8	1.1	2.2	10.3	1.6	1.4												
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	09/12/00	10:33				< 7.60	3.6	7.6															
GA @ SR 502	Guaje @ SR 502 (COLLECTED BY ESH-18)	09/08/00	18:31				41.6	5.6	8.6	2.3	0.3	0.2												
Pajarito Canyon Watershed																								
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15	< 1.3	0.6	1.3	< 1.3	0.6	1.3	3.1	1.2	1												
PA 10.4	Pajarito @ SR 501	09/08/00	16:50				< 8.6	4.1	8.6	3.7	0.3	0.1												
PA 10.4	Pajarito @ SR 501	10/28/00	13:00																					
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55				< 2.0	0.9	2	< 0.57	0.38	0.68												
PA 2.2	Pajarito @ SR 4	10/28/00	12:00	< 8.6	3.9	8.6	13.7	5.4	11	3.2	0.3	0.2												
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05	< 2.0	0.9	2	< 2.0	0.9	2	< 0.91	0.98	1.7												
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17				< 2.0	0.9	2	< 0.003	0.24	0.39												
Water Canyon Watershed																								
WA 9.9	Water Canyon @ SR 502	10/28/00	12:30	< 0.6	0.3	0.6	< 0.6	0.3	0.6															
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40																					
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30				< 2.0	0.9	2	3.5	0.64	0.64												
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41				2.4	1.0	2	2.7	0.93	0.76												
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	< 3.4	1.5	3.4	7.9	2.3	4.4	2.8	0.7	0.7												
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40				< 2.0	0.9	2	< 0.61	0.72	1.30												
Mortandad Canyon Watershed																								
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50				< 4.0	1.9	4															
CDB 1.9	Canada del Buey @ SR 4	08/18/00	17:50				1.7	0.9	1.3	< 0.2	0.2	0.2												
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00				< 2.0	0.9	2	0.22	0.07	0.08												
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00	16:55				6.4	1.2	2	234	2.4	0.67												
Sandia Canyon Watershed																								
SA 5.6	Mid Sandia Canyon @ SCS 2	10/23/00					< 4.0	1.9	4															
Rio Grande - White Rock Canyon, Cochiti Reservoir																								
Cochiti 01	USGS Cochiti Reservoir Outlet	08/29/00																						
Cochiti Lake	Cochiti Lake Site A (08317300)	08/29/00																						
Cochiti 01	USGS Cochiti Reservoir Outlet	08/30/00																						
Cochiti Site A 60 ft depth	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	13:45																					
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30							2.3	0.5	0.3												
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30							0.55	0.22	0.16												
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00																					

DL - Detection Limit
Uncertainty = +/- 2s Total propagated uncertainty
< = Less than value

Table 5. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Trace Metals 1

Sample				Al		Sb		As		B		Ba		Be		Bi	
ID	Sample Location	Date	Time	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	D.L.
Los Alamos Canyon Watershed																	
Acid & Pueblo Canyons																	
AC 0.5	Acid Canyon above confluence with South Fork Acid Canyon	09/08/00		4020	0.5	0.0840	0.001	2.72	0.006			60.7	0.01	0.314	0.02		
AC 0.5	Acid Canyon above confluence with SFAC.	10/12/00	12:15	3130	0.5	0.0363	0.001	2.08	0.006			43.2	0.01	0.403	0.02		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	09/08/00		5850	0.5	0.0270	0.001	2.25	0.006			56.3	0.01	0.550	0.02		
SFAC 0.01	Composited Suspended Sediment from both samples	10/12/00 10/13/00	12:00, 15:00	16000	0.5	0.0548	0.001	3.02	0.006			147	0.01	1.16	0.02		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30							14.1	0.2					0.40	0.02
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30	16500	0.5	0.115	0.001	2.33	0.006			168	0.01	0.713	0.02		
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00	21400	2	0.0231	0.004	3.81	0.02	14.1	0.2	277	0.04	1.62	0.08	0.41	0.02
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50	14900	0.5	0.0753	0.001	2.68	0.006	15.9	0.2	150	0.01	0.694	0.02	0.57	0.02
PU 2.0	Pueblo Canyon above Bayo PQTW	09/08/00	18:00	22400	0.5	0.0665	0.001	3.65	0.006			241	0.01	1.11	0.02		
PU 2.0	Pueblo Canyon above Bayo PQTW	10/28/00	11:08	10700	0.5	0.0134	0.001	2.22	0.006			123	0.01	0.805	0.02		
Los Alamos Canyon																	
LA Reservoir	Los Alamos Reservoir (Bottom Sediments)	08/31/00	10:45	19700	0.5	0.101	0.001	2.89	0.006			236	0.01	1.61	0.02		
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59	11700	7	< 0.4	0.4	2.5	0.3			292	1	2	0.5		
LA 10.5	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	10/28/00	13:45	29600	0.5	0.0171	0.001	3.79	0.006	37	2	288	0.01	2.26	0.02	2.2	0.2
LA 5.0	Outlet of Los Alamos Canyon Sed. Retention Structure	09/12/00	10:33	30800	5	0.150	0.01	4.15	0.06			235	0.1	1.76	0.2		
LA 5.0	Outlet of Los Alamos Canyon Sed. Retention Structure	10/28/00	10:05	31300	0.5	0.0240	0.001	4.78	0.006			304	0.01	2.44	0.02		
GU 0.01	Guaje @ SR 502	09/08/00	18:31	11000	0.5	0.0125	0.001	1.78	0.006			163	0.01	1.01	0.02		
Pajarito Canyon Watershed																	
PA 10.4	Pajarito @ SR 501	9/8/200	16:50	13300	0.5	0.01410	0.001	2.43	0.006			295	0.01	0.775	0.02		
PA 10.4	Pajarito @ SR 501	10/28/00															
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15	11300	0.5	0.0318	0.001	2.33	0.006			220	0.01	0.751	0.02		
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05	15900	0.5	0.0134	0.001	3.09	0.006			183	0.01	1.43	0.02		
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	13800	0.5	0.0123	0.001	2.00	0.01			120	0.01	1.25	0.02		
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	40500	0.5	0.00418	0.001	4.50	0.006			356	0.01	2.62	0.02		
PA 2.2	Pajarito @ SR 4	10/28/00	12:00	23200	0.5	0.00892	0.001	3.27	0.006			360	0.01	1.29	0.02		
Water Canyon Watershed																	
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	9750	1	0.0147	0.002	1.27	0.01			141	0.02	0.794	0.04		
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40	19500	14.0	< 0.7	0.7	5.3	4.0			520	1	< 2	2		
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	16700	0.5	0.0157	0.002	2.31	0.01			262	0.02	1.41	0.04		
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41	19000	0.5	0.0122	0.001	2.69	0.006			316	0.01	1.66	0.02		
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	16400	0.5	0.0161	0.001	2.34	0.006			504	0.01	1.34	0.02		
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40	22300	0.5	0.0138	0.001	3.11	0.006			282	0.01	1.90	0.02		
Sandia Canyon Watershed																	
SA 5.6	Mid Sandia Canyon @ SCS 2 (Near TA-53 entrance)	10/23/00	15:41	16400	1	0.0282	0.002	3.43	0.01			162	0.02	2.15	0.04		
Mortandad Canyon Watershed																	
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50	25300	0.5	0.00606	0.001	5.17	0.006			283	0.01	2.14	0.02		
CDB 1.9	Canada del Buey @ SR4	08/18/00	17:50	22600	21	< 1.0	1	3.3	2.1			208	2	1.5	1		
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00	18200	0.5	0.00441	0.001	2.60	0.006			209	0.01	1.65	0.02		
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00		18300	0.5	0.0144	0.001	2.98	0.006			101	0.01	2.15	0.02		
Rio Grande - White Rock Canyon, Cochiti Reservoir																	
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	17400	0.5	0.0111	0.001	3.06	0.006			278	0.01	1.34	0.02		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	19400	0.5	0.00851	0.001	3.64	0.006			255	0.01	1.43	0.02		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00	15500	0.5	0.0072	0.001	2.72	0.006			209	0.006	0.973	0.02		

E - Matrix spike limit exceeded due to high sample background

Table 6. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Trace Metals 2

Sample				Cd		Cr		Co		Cu		Fe		Pb		Li	
ID	Sample Location	Date	Time	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL
Los Alamos Canyon Watershed																	
Acid & Pueblo Canyons																	
AC 0.5	Acid Canyon above confluence with South Fork Acid Canyon	09/08/00		0.197	0.02	8.93	0.01	2.25	0.006	8.09	0.01	4020	1	9.24	0.009		
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	0.227	0.02	4.70	0.01	2.58	0.006	6.96	0.01	6240	1	38.4	0.009		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	09/08/00		0.158	0.02	8.00	0.01	1.85	0.006	5.31	0.01	4490	1	8.39	0.009		
SFAC 0.01	Composited Suspended Sediment from both samples	10/12/00 10/13/00	12:00, 15:00	0.687	0.02	21.3	0.010	4.97	0.006	17.0	0.01	13500	1	51.6	0.009		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30													12.6	0.01
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30	0.180	0.02	15.8	0.01	5.45	0.006	14.9	0.01	12400	1	19.7	0.009		
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00	0.639	0.08	14.9	0.04	8.82	0.020	17.5	0.04	15500	4	37.8	0.040	10.9	0.01
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50	0.251	0.02	13.9	0.01	4.03	0.006	13.8	0.01	11800	1	24.0	0.009	17.4	0.01
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00	0.376	0.02	16.9	0.01	7.11	0.006	19.9	0.01	16000	1	36.0	0.009		
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08	0.384	0.02	7.36	0.01	3.63	0.006	9.74	0.01	9790	1	28.2	0.009		
Los Alamos Canyon																19.1	0.01
LA Reservoir	Los Alamos Reservoir (Bottom Sediments)	08/31/00	10:45	0.410	0.02	16.9	0.01	8.03	0.006	22.8	0.01	13500	1	28.4	0.009		
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59	0.3	0.3	8	1	6	1.000	17	2.00	10800	3	33	4		
LA 10.5	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	10/28/00	13:45	0.524	0.02	17.1	0.01	8.28	0.006	18.8	0.01	18700	1	39.4	0.009	32.1	0.01
LA 5.0	Outlet of Los Alamos Canyon Sed. Retention Structure	09/12/00	10:33	1.17	0.2	19.0	0.1	5.40	0.060	22.3	0.10	15700	10	24.0	0.09		
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	10/28/00	10:05	0.774	0.02	19.3	0.01	8.89	0.006	24.8	0.01	21000	1	58.6	0.009		
GU 0.01	Guaje @ SR 502	09/08/00	18:31	0.241	0.02	7.47	0.01	4.45	0.006	9.32	0.01	8470	1	18.8	0.009		
Pajarito Canyon Watershed																	
PA 10.4	Pajarito @ SR 501	9/8/200	16:50	0.369	0.02	8.92	0.01	6.10	0.006	13.8	0.01	10300	1	24.8	0.009		
PA 10.4	Pajarito @ SR 501	10/28/00															
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15	0.329	0.02	7.40	0.01	4.48	0.006	10.1	0.01	10300	1	24.4	0.009		
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05	0.329	0.02	12.2	0.01	6.55	0.006	15.8	0.01	15300	1	51.1	0.009		
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	0.161	0.02	11.2	0.01	4.31	0.006	12.7	0.01	12400	1	13.8	0.009		
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	0.246	0.02	23.4	0.01	10.30	0.006	18.8	0.01	27700	1	24.8	0.009		
PA 2.2	Pajarito @ SR 4	10/28/00	12:00	0.601	0.02	12.7	0.01	6.53	0.006	18.8	0.01	15000	1	31.8	0.009		
Water Canyon Watershed																	
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	0.467	0.04	7.11	0.02	3.39	0.010	7.65	0.02	7530	2	16.2	0.02		
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40	4.0	4	11	3	8	3.000	22	4.00	14700	5.0	41	7.0		
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	0.365	0.04	11.9	0.02	5.85	0.010	14.0	0.02	13600	2	26.3	0.02		
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41	0.501	0.02	11.8	0.01	7.49	0.006	15.1	0.01	15600	1	28.5	0.009		
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	0.356	0.02	9.65	0.01	5.19	0.006	13.2	0.01	11600	1	23.2	0.009		
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40	0.198	0.02	13.1	0.01	8.27	0.006	14.2	0.01	18100	1	20.4	0.009		
Sandia Canyon Watershed																	
SA 5.6	Mid Sandia Canyon @ SCS 2 (Near TA-53 entrance)	10/23/00	15:41	0.564	0.04	118	0.02	5.10	0.010	31.7	0.02	16800	2	46.2	0.02		
Mortandad Canyon Watershed																	
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50	0.346	0.02	17.8	0.01	11.40	0.006	19.6	0.01	24100	1	38.6	0.009		
CDB 1.9	Canada del Buey @ SR4	08/18/00	17:50	2.1	2.1	15	4	9	4.000	12	6.00	19300	8	17	10		
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00	0.137	0.02	11.7	0.01	6.44	0.006	11.4	0.01	15200	1	15	0.009		
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00		0.260	0.02	16.0	0.01	4.00	0.006	20.3	0.01	10600	1	9.2	0.009		
Rio Grande - White Rock Canyon, Cochiti Reservoir																	
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	0.251	0.02	12.3	0.01	7.34	0.006	13.9	0.01	14700	1	19.0	0.009		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	0.161	0.02	15.4	0.01	7.75	0.006	15.1	0.01	16000	1	14.1	0.009		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00	0.113	0.02	12.8	0.01	6.32	0.006	11.5	0.01	13000	1	9.9	0.009		

E - Matrix spike limit exceeded due to high sample backgroun

Table 7. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Trace Metals 3

Sample				Li		Mn		Mo		Hg		Ni		Se		Si	
ID	Sample Location	Date	Time	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	D.L.	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL
Los Alamos Canyon Watershed																	
Acid & Pueblo Canyons																	
AC 0.5	Acid Canyon above confluence with South Fork Acid Canyon	09/08/00				207	0.02			< 0.0200	0.02	8.9	0.01	0.183	0.03		
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15			280	0.02			< 0.20	0.2	3.77	0.01	0.132	0.03		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	09/08/00				149	0.02			< 0.0200	0.02	5.85	0.01	0.255	0.03		
SFAC 0.01	Composited Suspended Sediment from both samples	10/12/00 10/13/00	12:00, 15:00			385	0.02			0.24	0.2	20.8	0.01	0.141	0.03		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30	12.6	0.01			0.36	0.02	< 0.20	0.20					203	0.5
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30			747	0.02			< 0.0200	0.02	13.3	0.01	0.149	0.03		
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00	10.9	0.01	2830	0.08	0.67	0.02	< 0.0800	0.08	16.9	0.04	0.7	0.1	179	0.5
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50	17.4	0.01	805	0.02	0.62	0.02	< 0.0200	0.02	9.48	0.01	0.232	0.03	234	0.5
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00			1230	0.02			< 0.0200	0.02	15.8	0.01	0.268	0.03		
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08			784	0.02			< 0.0200	0.02	6.49	0.01	0.341	0.03		
Los Alamos Canyon				19.1	0.01											248000	0.5
LA Reservoir	Los Alamos Reservoir (Bottom Sediments)	08/31/00	10:45			1290	0.02			< 0.02	0.02	20.5	0.01	0.601	0.03		
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59			1300	1			0.07	0.03	11	1	< 1.0	1.0		
LA 10.5	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	10/28/00	13:45	32.1	0.01	2100	0.02	E 1.5	0.2	0.0231	0.02	25.2	0.01	0.525	0.03	286	5
LA 5.0	Outlet of Los Alamos Canyon Sed. Retention Structure	09/12/00	10:33			455	0.2			< 0.200	0.2	16.1	0.1	0.692	0.3		
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	10/28/00	10:05			2720	0.02			0.0876	0.02	18.1	0.0	0.582	0.03		
GA @ SR 502	Guaje @ SR 502	09/08/00	18:31			736	0.02			< 0.0200	0.02	8.35	0.01	0.390	0.03		
Pajarito Canyon Watershed																	
PA 10.4	Pajarito @ SR 501	9/8/200	16:50			1280	0.02			< 0.0200	0.02	8.03	0.01	0.529	0.03		
PA 10.4	Pajarito @ SR 501	10/28/00															
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15			993	0.02			< 0.0200	0.02	6.78	0.01	0.446	0.03		
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05			639	0.02			< 0.20	0.20	10.8	0.0	0.304	0.030		
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17			402	0.02			< 0.20	0.20	8.58	0.01	0.387	0.030		
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55			689	0.02			< 0.20	0.20	19.7	0.01	< 0.0300	0.03		
PA 2.2	Pajarito @ SR 4	10/28/00	12:00			1030	0.02			< 0.0200	0.02	11.9	0.01	0.508	0.03		
Water Canyon Watershed																	
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30			637	0.04			< 0.0400	0.04	5.45	0.02	0.547	0.06		
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40			1720	1			< 0.27	0.27	11	3	< 6.0	6.0		
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30			900	0.04			< 0.20	0.20	10.2	0.02	0.333	0.06		
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41			1150	0.02			< 0.20	0.20	11.7	0.01	0.409	0.03		
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10			957	0.02			< 0.0200	0.02	8.40	0.01	0.513	0.03		
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40			645	0.02			< 0.20	0.20	13.5	0.01	0.135	0.03		
Sandia Canyon Watershed																	
SA 5.6	Mid Sandia Canyon @ SCS 2 (Near TA-53 entrance)	10/23/00	15:41			1310	0.04			0.29	0.20	11.6	0.02	0.670	0.06		
Mortandad Canyon Watershed																	
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50			1030	0.02			< 0.20	0.20	15.3	0.01	0.256	0.03		
CDB 1.9	Canada del Buey @ SR4	08/18/00	17:50			522	2			< 0.03	0.03	12	4	< 3.1	3.1		
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00			458	0.02			< 0.20	0.20	11.5	0.01	0.087	0.03		
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00				807	0.02			< 0.2	0.20	10.6	0.01	0.277	0.03		
Rio Grande - White Rock Canyon, Cochiti Reservoir																	
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30			797	0.02			< 0.20	0.2	12.8	0.01	0.325	0.03		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30			581	0.02			< 0.20	0.2	14.5	0.01	0.236	0.030		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00			411	0.02			< 0.02	0.02	11.4	0.01	0.211	0.03		

Table 10 - NMED DOE Oversight Bureau Ground-Water Quality Results: High Explosive Compounds.

WELLS	Regional Aquifer (borehole samples)				Los Alamos County Water-Supply Wells			
SAMPLE ID:	R - 31 (545')	PIN	R - 31 (625')	PIN	PM - 2	PIN	PM - 4§	PIN
SAMPLING DATE:	1/22/2000		1/23/2000		8/14/2000		8/14/2000	
	RESULT (µg/L)	RL	RESULT (µg/L)	RL	RESULT (µg/L)	RL	RESULT (µg/L)	RL
2-AMINO-4,6-DNT	ND	0.4	ND	0.4	ND	0.4	ND	0.4
4-AMINO-2,6-DNT	ND	0.9	ND	0.9	ND	0.9	ND	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	ND	0.2	ND	0.2	ND	0.2	ND	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	0.2	ND	0.2	ND	0.2	ND	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	0.1	ND	0.1	ND	0.1	ND	0.1
1,3-DINITROBENZENE (1,3-DNB)	ND	0.2	ND	0.2	ND	0.2	ND	0.2
TETRYL	ND	0.6	ND	0.6	ND	0.6	ND	0.6
NITROBENZENE (NB)	ND	0.4	ND	0.4	ND	0.4	ND	0.4
NITROGLYCERIN	NA	–	NA	–	NA	–	NA	–
PENTAERYTHRITOL TETRANITRITE	NA	–	NA	–	NA	–	NA	–
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.6	ND	0.6	ND	0.6	ND	0.6
2,4-DINITROTOLUENE(2,4-DNT)	ND	0.4	ND	0.4	ND	0.4	ND	0.4
2,6-DINITROTOLUENE(2,6-DNT)	ND	0.4	ND	0.4	ND	0.4	ND	0.4
o-NITROTOLUENE (2-NT)	ND	0.2	ND	0.2	ND	0.2	ND	0.2
p-NITROTOLUENE (4-NT)	ND	0.3	ND	0.3	ND	0.3	ND	0.3
m-NITROTOLUENE (3-NT)	ND	0.2	ND	0.2	ND	0.2	ND	0.2

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
RL - Reporting Limit
NA - Not analyzed or not available
ND - Not Detected
§ - Sample out of hold time
J - Indicates an estimate value
Method Used: SW 846 8330
Note: Bolded sample stations are Cerro Grande fire related

Table 10 cont. - NMED DOE Oversight Bureau Ground-Water Quality Results: High Explosive Compounds.

SPRINGS

Pajarito Canyon Watershed

SAMPLE ID:	Bulldog Spring	PAR		PAR	Charlie's Spring	PAR	Homestead Spring	PAR	Kieling Spring	PAR
SAMPLING DATE:	6/15/2000		11/15/2000		6/15/2000		6/15/2000		6/15/2000	
	RESULT (µg/L)	RL	RESULT (µg/L)	RL	RESULT (µg/L)	RL	RESULT (µg/L)	RL	RESULT (µg/L)	RL
2-AMINO-4,6-DNT	0.2J	0.25	0.11J	0.25	ND	0.25	ND	0.25	0.18J	0.25
4-AMINO-2,6-DNT	0.36	0.25	0.18J	0.25	ND	0.25	ND	0.25	0.28	0.25
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	3.8	1	2.1	1	ND	1	ND	1	2.5	1
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	5.5	0.84	3.8	0.84	ND	0.84	ND	0.84	2.9	0.84
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	0.26	ND	0.26	ND	0.26	ND	0.26	ND	0.26
1,3-DINITROBENZENE (1,3-DNB)	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
TETRYL	0.31J	1	ND	1	ND	1	ND	1	0.13J	1
NITROBENZENE (NB)	ND	1	ND	1	ND	1	ND	1	0.089J	1
NITROGLYCERIN	NA	–	NA	–	NA	–	NA	–	NA	–
PENTAERYTHRITOL TETRANITRITE	NA	–	NA	–	NA	–	NA	–	NA	–
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
2,4-DINITROTOLUENE(2,4-DNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
2,6-DINITROTOLUENE(2,6-DNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
o-NITROTOLUENE (2-NT)	ND	1	ND	1	ND	1	ND	1	ND	1
p-NITROTOLUENE (4-NT)	ND	1	ND	1	ND	1	ND	1	ND	1
m-NITROTOLUENE (3-NT)	ND	1	ND	1	ND	1	ND	1	ND	1

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
RL - Reporting Limit
NA - Not analyzed or not available
ND - Not Detected
§ - Sample out of hold time
J - Indicates an estimate value
Method Used: SW 846 8330
Note: Bolded sample stations are Cerro Grande fire related

Table 10 cont. - NMED DOE Oversight Bureau Ground-Water Quality Results: High Explosive Compounds.

SPRINGS

	Pajarito Canyon Watershed (Continued)						White Rock Canyon	
SAMPLE ID:	**PC Spring**	**PAR**	**Starmer Spring**	**PAR**		**PAR**	**TA - 18 Spring**	**PIN**	Spring 6A§	**PIN**
SAMPLING DATE:	**5/2/2000**		**6/15/2000**		**11/15/2000**		**8/14/2000**		**9/26/2000**	
	RESULT (µg/L)	**RL**	**RESULT (µg/L)**	**RL**	**RESULT (µg/L)**	**RL**	**RESULT (µg/L)**	**RL**	**RESULT (µg/L)**	**RL**
2-AMINO-4,6-DNT	ND	0.25	ND	0.25	ND	0.25	ND	0.4	ND	0.4
4-AMINO-2,6-DNT	ND	0.25	ND	0.25	ND	0.25	ND	0.9	ND	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	ND	1	ND	1	ND	1	ND	0.2	ND	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	0.84	ND	0.84	ND	0.84	ND	0.2	ND	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	0.26	ND	0.26	ND	0.26	ND	0.1	ND	0.1
1,3-DINITROBENZENE (1,3-DNB)	ND	0.25	ND	0.25	ND	0.25	ND	0.2	ND	0.2
TETRYL	ND	1	ND	1	ND	1	ND	0.6	ND	0.6
NITROBENZENE (NB)	ND	1	ND	1	ND	1	ND	0.4	ND	0.4
NITROGLYCERIN	NA	–	NA	–	NA	–	NA	–	NA	–
PENTAERYTHRITOL TETRANITRITE	NA	–	NA	–	NA	–	NA	–	NA	–
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.6	ND	0.6
2,4-DINITROTOLUENE(2,4-DNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.4	ND	0.4
2,6-DINITROTOLUENE(2,6-DNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.4	ND	0.4
o-NITROTOLUENE (2-NT)	ND	1	ND	1	ND	1	ND	0.2	ND	0.2
p-NITROTOLUENE (4-NT)	ND	1	ND	1	ND	1	ND	0.3	ND	0.3
m-NITROTOLUENE (3-NT)	ND	1	ND	1	ND	1	ND	0.2	ND	0.2

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
RL - Reporting Limit
NA - Not analyzed or not available
ND - Not Detected
§ - Sample out of hold time
J - Indicates an estimate value
Method Used: SW 846 8330
Note: Bolded sample stations are Cerro Grande fire related

Table 10 cont. - NMED DOE Oversight Bureau Ground-Water Quality Results: High Explosive Compounds.

SPRINGS

White Rock Canyon (Continued)

SAMPLE ID:	Ancho Spring§	PIN	Spring 9A§	PIN	Spring 9C§	PIN
SAMPLING DATE:	9/26/2000		9/26/2000		9/26/2000	
	RESULT (µg/L)	RL	RESULT (µg/L)	RL	RESULT (µg/L)	RL
2-AMINO-4,6-DNT	ND	0.4	ND	0.4	ND	0.4
4-AMINO-2,6-DNT	ND	0.9	ND	0.9	ND	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	ND	0.2	ND	0.2	ND	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	0.2	ND	0.2	ND	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	0.1	ND	0.1	ND	0.1
1,3-DINITROBENZENE (1,3-DNB)	ND	0.2	ND	0.2	ND	0.2
TETRYL	ND	0.6	ND	0.6	ND	0.6
NITROBENZENE (NB)	ND	0.4	ND	0.4	ND	0.4
NITROGLYCERIN	NA	–	NA	–	NA	–
PENTAERYTHRITOL TETRANITRITE	NA	–	NA	–	NA	–
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.6	ND	0.6	ND	0.6
2,4-DINITROTOLUENE(2,4-DNT)	ND	0.4	ND	0.4	ND	0.4
2,6-DINITROTOLUENE(2,6-DNT)	ND	0.4	ND	0.4	ND	0.4
o-NITROTOLUENE (2-NT)	ND	0.2	ND	0.2	ND	0.2
p-NITROTOLUENE (4-NT)	ND	0.3	ND	0.3	ND	0.3
m-NITROTOLUENE (3-NT)	ND	0.2	ND	0.2	ND	0.2

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
RL - Reporting Limit
NA - Not analyzed or not available
ND - Not Detected
§ - Sample out of hold time
J - Indicates an estimate value
Method Used: SW 846 8330
Note: Bolded sample stations are Cerro Grande fire related

Table 11 - NMED DOE Oversight Bureau Ground-Water Quality Results: Volatile Organic Compounds.

WELLS

SAMPLE ID:	R-22 (during-drilling sample)				
SAMPLING DATE:		9/30/2000	PIN		
UNITS	ug/L		DL		
PARAMETER					
ACETONE		400	10	CIS--1,3-DICHLOROPROPENE	ND 1.0
ACROLEIN	ND		5.0	2,2-DICHLOROPROPANE	ND 1.0
ACRYLONITRILE	ND		5.0	2,2-DICHLOROPROPENE	NA -
BENZENE	ND		1.0	TRANS--1,3-DICHLOROPROPENE	ND 1.0
BROMOBENZENE	ND		1.0	ETHYLBENZENE	ND 1.0
BROMOCHLOROMETHANE	ND		1.0	2-HEXANONE	ND 10
BROMODICHLOROMETHANE	ND		1.0	HEXACHLOROBUTADIENE	ND 1.0
BROMOFORM	ND		1.0	IODOMETHANE	ND 1.0
BROMOMETHANE	ND		1.0	ISOPROPYLBENZENE	ND 1.0
2-BUTANONE (MEK)	ND		10	p-ISOPROPYLTOLUENE	ND 1.0
n-BUTYLBENZENE	ND		1.0	METHYL-t-BUTYL ETHER	ND 1.0
sec-BUTYLBENZENE	ND		1.0	4-METHYL-2-PENTANONE	ND 10
tert-BUTYLBENZENE	ND		1.0	1-METHYLNAPHTHALENE	NA -
tert-BUTYL METHYL ETHER (MTBE)	NA	-		2-METHYLNAPHTHALENE	NA -
CARBON DISULFIDE	ND		1.0	4-ISOPROPYLTOLUENE	NA -
CARBON TETRACHLORIDE	ND		1.0	METHYLENE CHLORIDE	ND 1.0
CHLOROBENZENE	ND		1.0	NAPHTHALENE	ND 1.0
CHLORODIBROMOMETHANE	NA	-		n-PROPYLBENZENE	ND 1.0
CHLOROETHANE	ND		1.0	PROPYLBENZENE	NA -
2-CHLOROETHYL VINYL ETHER	ND		10	STYRENE	ND 1.0
CHLOROFORM	ND		1.0	1,1,1,2-TETRACHLOROETHANE	ND 1.0
CHLOROMETHANE	ND		1.0	1,1,2,2-TETRACHLOROETHANE	ND 1.0
2-CHLOROTOLUENE	ND		1.0	TETRACHLOROETHENE	ND 1.0
4-CHLOROTOLUENE	ND		1.0	TETRAHYDROFURAN (THF)	NA -
1,2-DIBROMO-3-CHLOROPROPANE	ND		1.0	TOLUENE	ND 1.0
DIBROMOCHLOROMETHANE	ND		1.0	1,2,3-TRICHLOROBENZENE	ND 1.0
1,2-DIBROMOETHANE (EDB)	ND		1.0	1,2,4-TRICHLOROBENZENE	ND 1.0
DIBROMOMETHANE	ND		1.0	1,1,1-TRICHLOROETHANE	ND 1.0
1,2-DICHLOROBENZENE	ND		1.0	1,1,2-TRICHLOROETHANE	ND 1.0
1,3-DICHLOROBENZENE	ND		1.0	TRICHLOROETHENE	ND 1.0
1,4-DICHLOROBENZENE	ND		1.0	TRICHLOROFLUOROMETHANE	ND 1.0
TRANS-1,4-DICHLORO-2-BUTENE	ND		1.0	1,2,3-TRICHLOROPROPANE	ND 1.0
DICHLORODIFLUOROMETHANE	ND		1.0	TRICHLOROTRIFLUOROETHANE	NA -
1,1-DICHLOROETHANE	ND		1.0	1,1,2-TRICHLORO-2,2,1-TRIFLUOROETHANE	NA -
1,2-DICHLOROETHANE (EDC)	ND		1.0	1,2,4-TRIMETHYLBENZENE	ND 1.0
1,1-DICHLOROETHENE	ND		1.0	1,3,5-TRIMETHYLBENZENE	ND 1.0
CIS--1,2-DICHLOROETHENE	ND		1.0	VINYL ACETATE	ND 1.0
TRANS--1,2-DICHLOROETHENE	ND		1.0	VINYL CHLORIDE	ND 1.0
TRANS--1,2-DICHLOROETHYLENE	NA	-		o-XYLENE	ND 1.0
1,1-DICHLOROPROPENE	ND		1.0	p- & m-XYLENE	ND 1.0
1,2-DICHLOROPROPANE	ND		1.0	TOTAL XYLENES	NA -
1,3-DICHLOROPROPANE	ND		1.0		

PIN - Pinnacle Laboratories, Inc.
DL - Detection Limit
NA - Not analyzed or not available
ND - Not Detected
METHOD USED: SW 846 8260

Table 12 - NMED DOE Oversight Bureau Ground-Water Quality Results: Polynuclear Aromatic Hydrocarbons.

SPRINGS

Pajarito Canyon Watershed

SAMPLE ID:	Bulldog Spring		Charlie's Spring		Homestead Spring		Kieling Spring		Starmer Spring	
SAMPLING DATE:	6/15/2000	PAR	6/15/2000	PAR	6/15/2000	PAR	6/15/2000	PAR	6/15/2000	PAR
UNITS	ug/L	DL	ug/L	DL	ug/L	DL	ug/L	DL	ug/L	DL
PARAMETER										
1-METHYLNAPHTHALENE	ND	1	ND	1	ND	1	ND	1	ND	1.1
2-METHYLNAPHTHALENE	ND	1	ND	1	ND	1	ND	1	ND	1.1
ACENAPHTHYLENE	ND	1	ND	1	ND	1	ND	1	ND	1.1
ACENAPTHENE	ND	1	ND	1	ND	1	ND	1	ND	1.1
ANTHRACENE	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.11
BENZO(A)ANTHRACENE	ND	0.05	ND	0.05	ND	0.051	ND	0.051	ND	0.053
BENZO(A)PYRENE	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.11
BENZO(B)FLUORANTHENE	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.11
BENZO(G,H,I)PERYLENE	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.11
BENZO(K)FLUORANTHENE	ND	0.05	ND	0.05	ND	0.051	ND	0.051	ND	0.053
CHRYSENE	ND	0.05	ND	0.05	ND	0.051	ND	0.051	ND	0.053
DIBENZO(A,H)ANTHRACENE	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.11
FLUORANTHENE	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.11
FLUORENE	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.11
INDENO(1,2,3-CD)PYRENE	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.11
NAPHTHALENE	ND	0.5	ND	0.5	ND	0.51	ND	0.51	ND	0.53
PHENANTHRENE	ND	0.05	ND	0.05	ND	0.051	ND	0.051	ND	0.053
PYRENE	ND	0.05	ND	0.05	ND	0.051	ND	0.051	ND	0.053

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
DL - Detection Limit
NA - Not analyzed or not available
ND - Not Detected
Note: Bolded sample stations are Cerro Grande fire related
Method: SW 8310

Table 13 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dioxins and Furans.

WELLS **Los Alamos Canyon Watershed**

SAMPLE ID:	**POI-4**				
SAMPLING DATE:	7/19/2000				
LAB:	PIN				
		Concentration pg/g (ppt)	TEQcalc	DL	TEQcalc
Congener	**WHO-TEF**				
PCDDs					
2,3,7,8-TCDD	1	ND	0	0.10	0.05
1,2,3,7,8-PeCDD	1	ND	0	0.20	0.1
1,2,3,4,7,8-HxCDD	0.1	ND	0	0.07	0.0035
1,2,3,6,7,8-HxCDD	0.1	ND	0	0.09	0.0045
1,2,3,7,8,9-HxCDD	0.1	ND	0	0.09	0.0045
1,2,3,4,6,7,8-HpCDD	0.01	ND	0	0.10	0.0005
OCDD	0.0001	0.31	0.000031	0.20	0.00001
PCDFs					
2,3,7,8-TCDF	0.1	ND	0	0.09	0.0045
1,2,3,7,8-PeCDF	0.05	ND	0	0.10	0.0025
2,3,4,7,8-PeCDF	0.5	ND	0	0.10	0.025
1,2,3,4,7,8-HxCDF	0.1	ND	0	0.08	0.004
1,2,3,6,7,8-HxCDF	0.1	ND	0	0.09	0.0045
1,2,3,7,8,9-HxCDF	0.1	ND	0	0.09	0.0045
2,3,4,6,7,8-HxCDF	0.1	ND	0	0.09	0.0045
1,2,3,4,6,7,8-HpCDF	0.01	ND	0	0.10	0.0005
1,2,3,4,7,8,9-HpCDF	0.01	ND	0	0.10	0.0005
OCDF	0.0001	0.38	0.000038	0.10	0.000005
		TEQ Dioxin/Furan Minimum*	0.000069	pg/g (ppt)	0.213515
		TEQ Dioxin/Furan Maximum**	0.213584	pg/g (ppt)	
Non-ortho-PCBs					
3,3,4,4-Tetrachlorobiphenyl (77)	0.0001		0.0001		FALSE
3,4,4,5-Tetrachlorobiphenyl (81)	0.0001		0.0001		FALSE
3,3,4,4,5-Pentachlorobiphenyl (126)	0.1		0.1		FALSE
3,3,4,4,5,5-Hexachlorobiphenyl (169)	0.01		0.01		FALSE
Mono-ortho-PCBs					
2,3,3,4,4-Pentachlorobiphenyl (105)	0.0001		0.0001		FALSE
2,3,4,4,5-Pentachlorobiphenyl (114)	0.0005		0.0005		FALSE
2,3,4,4,5-Pentachlorobiphenyl (118)	0.0001		0.0001		FALSE
2,3,4,4,5-Pentachlorobiphenyl (123)	0.0001		0.0001		FALSE
2,3,3,4,4,5-Hexachlorobiphenyl (156)	0.0005		0.0005		FALSE
2,3,3,4,4,5-Hexachlorobiphenyl (157)	0.0005		0.0005		FALSE
2,3,4,4,5,5-Hexachlorobiphenyl (167)	0.00001		0.00001		FALSE
2,3,3,4,4,5,5-Heptachlorobiphenyl (189)	0.0001		0.0001		FALSE
		TEQ (PCBS) Minimum*	0.11211		0
		TEQ (PCBS) Maximum**	0.11211		
	Total TEQ (Dioxin/Furan/PCB) Minimum*		0.112179		
	Total TEQ (Dioxin/Furan/PCB) Maximum**		0.325694		

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
DL - Detection Limit
NA - Not analyzed or not available
ND - Not Detected
Note: Bolded sample stations are Cerro Grande fire related
*** Toxicity Equevalent Quotient (TEQ) minimum is the sum of the products of all Dioxin/Furan and/or PCB congener detections multiplied by each one's respective Toxic**
**** Toxicity Equevalent Quotient (TEQ) maximum is the sum of the products of all Dioxin/Furan and/or PCB Congener detections multiplied by each one's respective Toxic**
METHOD: 8280a Rev.1 (12/96)

Table 13 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dioxins and Furans.

WELLS **Mortandad Canyon Watershed**

SAMPLE ID:	**MCO-2**				
SAMPLING DATE:	7/17/2000				
LAB:	PIN				
		Concentration pg/g (ppt)	TEQcalc	DL	TEQcalc
Congener	**WHO-TEF**				
PCDDs					
2,3,7,8-TCDD	1	ND	0	0.30	0.15
1,2,3,7,8-PeCDD	1	ND	0	0.60	0.3
1,2,3,4,7,8-HxCDD	0.1	ND	0	0.20	0.01
1,2,3,6,7,8-HxCDD	0.1	ND	0	0.20	0.01
1,2,3,7,8,9-HxCDD	0.1	ND	0	0.20	0.01
1,2,3,4,6,7,8-HpCDD	0.01	ND	0	0.30	0.0015
OCDD	0.0001	ND	0	0.50	0.000025
PCDFs					
2,3,7,8-TCDF	0.1	ND	0	0.30	0.015
1,2,3,7,8-PeCDF	0.05	ND	0	0.30	0.0075
2,3,4,7,8-PeCDF	0.5	ND	0	0.40	0.1
1,2,3,4,7,8-HxCDF	0.1	ND	0	0.20	0.01
1,2,3,6,7,8-HxCDF	0.1	ND	0	0.20	0.01
1,2,3,7,8,9-HxCDF	0.1	ND	0	0.20	0.01
2,3,4,6,7,8-HxCDF	0.1	ND	0	0.20	0.01
1,2,3,4,6,7,8-HpCDF	0.01	ND	0	0.20	0.001
1,2,3,4,7,8,9-HpCDF	0.01	ND	0	0.20	0.001
OCDF	0.0001	ND	0	0.50	0.000025
		TEQ Dioxin/Furan Minimum*	0	pg/g (ppt)	0.64605
		TEQ Dioxin/Furan Maximum**	0.64605	pg/g (ppt)	
Non-ortho-PCBs					
3,3,4,4-Tetrachlorobiphenyl (77)	0.0001		0.0001		FALSE
3,4,4,5-Tetrachlorobiphenyl (81)	0.0001		0.0001		FALSE
3,3,4,4,5-Pentachlorobiphenyl (126)	0.1		0.1		FALSE
3,3,4,4,5,5-Hexachlorobiphenyl (169)	0.01		0.01		FALSE
Mono-ortho-PCBs					
2,3,3,4,4-Pentachlorobiphenyl (105)	0.0001		0.0001		FALSE
2,3,4,4,5-Pentachlorobiphenyl (114)	0.0005		0.0005		FALSE
2,3,4,4,5-Pentachlorobiphenyl (118)	0.0001		0.0001		FALSE
2,3,4,4,5-Pentachlorobiphenyl (123)	0.0001		0.0001		FALSE
2,3,3,4,4,5-Hexachlorobiphenyl (156)	0.0005		0.0005		FALSE
2,3,3,4,4,5-Hexachlorobiphenyl (157)	0.0005		0.0005		FALSE
2,3,4,4,5,5-Hexachlorobiphenyl (167)	0.00001		0.00001		FALSE
2,3,3,4,4,5,5-Heptachlorobiphenyl (189)	0.0001		0.0001		FALSE
		TEQ (PCBS) Minimum*	0.11211		0
		TEQ (PCBS) Maximum**	0.11211		
	Total TEQ (Dioxin/Furan/PCB) Minimum*		0.11211		
	Total TEQ (Dioxin/Furan/PCB) Maximum**		0.75816		

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
DL - Detection Limit
NA - Not analyzed or not available
ND - Not Detected
Note: Bolded sample stations are Cerro Grande fire related
*** Toxicity Equevalent Quotient (TEQ) minimum is the sum of the products of all Dioxin/Furan and/or PCB congener detections multiplied by each one's respective Toxic**
**** Toxicity Equevalent Quotient (TEQ) maximum is the sum of the products of all Dioxin/Furan and/or PCB Congener detections multiplied by each one's respective Toxic**
METHOD: 8280a Rev.1 (12/96)

Table 1 - NMED DOE Oversight Bureau Ground-Water Quality Results: General Chemistry.

STATION ID	LAB	T/F	Date	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)	Br (mg/L)	F (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	SO_4 (mg/L)	FIELD pH (S.U.)	FIELD SC (uS/cm)	FIELD TDS (ppm)	TEMP. (°C)
WELLS / BOREHOLES																	
DEEP/REGIONAL AQUIFER																	
Los Alamos Canyon Watershed																	
TW - 1			5/2/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.92	NA	NA	14.9
			9/12/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	6.46	465	224	13.5
TW - 2			5/3/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.48	124	60	17.2
			9/12/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.60	144	70	13.1
TW - 3			5/3/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.39	165	81	21.3
			9/27/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW - 4			5/2/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	8.03	NA	NA	13.3
			9/12/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.66	149	73	NA
Mortandad Canyon Watershed																	
TW - 8			5/2/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.68	NA	NA	21.3
			9/13/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.54	130	69	20.9
Pajarito Canyon Watershed																	
R-22			9/30/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			9/30/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ancho Canyon Watershed																	
DT-5A			10/26/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	6.90	102	NA	21.1
DT-10			10/27/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.34	130	NA	19.1
INTERMEDIATE AQUIFER																	
Los Alamos Canyon Watershed																	
POI - 4	PIN	F	7/19/2000	42	11.0	6.8	47	38	<0.5	0.55	<2	147	NA	8.32	512	250	14.2
	PIN	T	7/19/2000	41	10.0	9.5	41	NA	NA	NA	NA	NA	20.00	-	-	-	-
TW - 1A			7/25/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW - 2A			7/25/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ancho Canyon Watershed																	
R - 31 (545')			1/22/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
R - 31 (625')			1/23/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERCHED AQUIFER																	
Los Alamos Canyon Watershed																	
LAO-2	PAR	F	6/26/2000	16	4.3	4.9	30	30	<0.2	0.89	<5	73	6.80	6.98	250	122	11.0
	PAR	T	6/26/2000	16	4.3	5.0	29	NA	NA	NA	NA	NA	NA	-	-	-	-
			6/26/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	-	-	-	-
LAO-3A	PAR	F	6/26/2000	15	3.5	5.4	30	30	<0.2	0.89	<5	84	6.80	6.65	241	118	11.2
	PAR	T	6/26/2000	15	3.5	5.4	30	NA	NA	NA	NA	NA	NA	-	-	-	-
			6/26/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	-	-	-	-
Mortandad Canyon Watershed																	
MCO - 2	PIN	F	7/17/2000	32	7.8	4.0	43	10	NA	1.53	<2	166	<5	6.71	381	186	15.3
	PIN	T	7/17/2000	28	7.0	5.4	42	NA	NA	NA	NA	NA	NA	-	-	-	-
MCO - 3	PIN	F	7/17/2000	35	1.8	4.6	110	10	NA	1.31	<2	260	18	7.17	528	256	15.8
	PIN	T	7/17/2000	31	1.8	8.8	106	NA	NA	NA	NA	NA	NA	-	-	-	-
MCO - 6			7/10/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCO - 7			7/10/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCO - 7.5B			7/10/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LOS ALAMOS COUNTY																	
WATER SUPPLY																	
Los Alamos Canyon Watershed																	
GR - 3			8/3/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.90	166	81	27.9
Otowi - 1			6/21/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.76	211	103	28.0
(first purge)			8/3/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.80	223	108	26.0
(post purge)			8/3/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.97	224	109	26.5
			8/14/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.69	226	110	26.9
Otowi - 4			8/14/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.06	257	125	29.5
Mortandad Canyon Watershed																	
PM - 4			8/3/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.50	148	72	27.7
			8/14/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	6.96	148	72	27.4
PM - 5			8/14/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.06	NA	NA	21.8
Pajarito Canyon Watershed																	
PM - 2			8/14/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sandia Canyon Watershed																	
PM - 1			8/14/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.48	268	131	26.6
SPRINGS																	
Los Alamos Canyon Watershed																	
LA - 11.2 Spring	PAR		6/21/2000	NA	NA	NA	NA	4.2	<0.2	0.36	<5	74	3.3	7.64	153	75	16.1
DP Spring	PAR	F	6/26/2000	18	1.8	9.5	26	30	<0.2	0.89	<5	73	6.8	7.29	242	118	13.3
	PAR	T	6/26/2000	17	1.8	9.5	26	NA	NA	NA	NA	NA	NA	-	-	-	-
Los Alamos Spring	PIN	F	7/25/2000	31	7.4	3.2	16	19	<0.5	1.16	<2	90	34.0	7.21	348	169	12.1
Basalt Spring			7/25/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	6.87	517	251	7.2
Young Spring			8/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.34	96	47	13.0
LA-5.19 Spring	PAR	F	11/21/2000	13	3.6	5.3	26	26	0.92	0.7	<20	72	15	6.74	259	126	7.9
Pajarito Canyon Watershed																	
PC Spring	PAR	F	5/2/2000	5.9	2.5	2.1	3.8	0.65	<0.2	<0.1	<5	43	2.3	6.92	73	NA	5.0
	PAR	T	5/2/2000	5.9	2.5	2.1	3.8	NA	NA	NA	NA	NA	NA	-	-	-	-
Homestead Spring	PAR	F	6/15/2000	20	6.8	3.3	10	7.5	<0.2	<0.1	<5	77	21	6.54	195	95	15.0
	PAR	T	6/15/2000	20	6.9	3.2	9.7	NA	NA	NA	NA	NA	NA	-	-	-	-
	PIN	F	7/21/2000	34	12.0	4.0	12.0	11	<0.5	0.18	<2	141	13	5.98	308	151	10.1
	PAR	F	11/15/2000	19	6.5	3.7	12	18	<0.2	<0.1	<20	71	13	6.88	228	111	8.4
Charlie's Spring	PAR	F	6/15/2000	20	6.8	3.3	10	25	<0.2	0.11	<5	95	24	6.69	292	142	18.6
	PAR	T	6/15/2000	28	8.6	3.6	19	NA	NA	NA	NA	NA	NA	-	-	-	-
	PAR	F	11/15/2000	29	9	5	27	50	<0.2	<0.1	<20	76	36	7.26	413	202	8.3
Starmer Spring	PAR,PIN	F	6/15/2000	20	6.8	3.3	10	12	<0.2	<0.1	<5	97	24	6.78	254	124	19.0
	PAR	T	6/15/2000	27	8.8	3.8	12	NA	NA	NA	NA	NA	NA	-	-	-	-
	PIN	F	7/21/2000	37	13.0	3.0	16	17	<0.5	0.16	<2	149	15	6.18	370	180	9.0
	PAR	F	11/15/2000	25	7.8	4.4	19	35	<0.2	<0.1	<20	76	24	6.99	324	158	8.1
Bulldog Spring	PAR,PIN	F	6/15/2000	19	4.9	3.1	21	17	<0.2	0.30	<5	82	13	7.47	231	113	21.6
	PAR	T	6/15/2000	19	5.0	3.1	21	NA	NA	NA	NA	NA	NA	-	-	-	-
	PIN	F	7/21/2000	21	5.5	<2.0	26	18	<0.5	0.46	<2	102	13	7.17	178	136	10.6
	PAR	F	11/15/2000	21	5.7	3.7	22	21	<0.2	0.27	<20	86	14	7.80	284	138	9.6
Kieling Spring	PAR,PIN	F	6/15/2000	23	6.1	3.4	20	19	<0.2	0.19	<5	88	17	6.87	250	123	22.3
	PAR	T	6/15/2000	23	6.2	3.4	20	NA	NA	NA	NA	NA	NA	-	-	-	-
TA - 18 Spring	PIN	F	8/4/2000	19	5.3	6.6	15	18	<0.5	0.44	<2	40	38	6.89	171	79	19.6
Anderson Spring			7/13/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	127	62	11.6
			8/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.72	151	74	11.9
Water Canyon Watershed																	
American Spring			11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.47	134	66	7.3
Armstead Spring			11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.19	135	65	6.8
WCG Spring			8/15/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.96	98	48	12.2
White Rock Canyon																	
Ancho Spring			4/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.93	118	65	18.4
			9/26/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.16	141	68	20.7
Doe Spring			4/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.42	113	62	16.1*
			9/27/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	122	NA	14*
Sandia Spring	PIN	F	9/25/2000	NA	NA	NA	NA	64	<0.5	0.70	<2	183	<2	7.26	249	128	14.4*
Spring 1			9/25/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	196	NA	17.0
Spring 2			9/25/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	213	NA	13*
Spring 3			4/6/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.99	189	104	19.3
			9/25/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.65	224	109	19.3
Spring 3A			4/6/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.96	172	94	19.9
			9/25/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.55	200	97	20.1
Spring 3AA			4/6/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.38	155	85	18.7
Spring 4			4/6/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.98	195	106	15.7
			9/25/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.09	226	110	16.8
Spring 4A			4/7/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.43	181	99	20.3
Spring 4AA			4/7/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.11	189	103	17.2
Spring 4B			4/7/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.87	234	129	16.0
Spring 4C			4/6/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.32	194	106	16.8
			4/7/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.05	192	105	16.8
Spring 5			4/7/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.33	165	91	20.9
Spring 5A			9/26/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	208	NA	20.2
Spring 6			4/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.13	126	69	19.7
			9/26/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	123	NA	20.3
Spring 6A			4/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.57	139	77	20.9
	PIN	F	9/26/2000	14.2	2.5	2.3	16.3	29	<0.5	0.45	<2	84	<2	NA	131	NA	21.5
Spring 7	PIN	F	9/26/2000	16.5	3.3	2.9	18.1	3	<0.5	0.38	<2	92	<2	NA	179	NA	20.9
Spring 8A			4/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.80	116	63	16.1*
			9/26/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	NA	136	NA	17.7*
Spring 8B			4/10/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.67	105	58	20.3
Spring 9			4/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.12	113	62	17.8
Spring 9A			4/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.69	114	62	19.8
			9/27/2000	See Additional Tables			NA	NA	NA	NA	NA	NA	NA	7.17	139	68	19.3
Spring 9B			4/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.92	114	56	12.2*
Spring 9C	PIN	F	9/27/2000	13.2	3.5	2.5	11.1	7	<0.5	0.66	<2	110	<2	7.22	161	78	16.8
Spring 10			4/11/2000	Dry													
Other Springs/Misc.																	
Sacred Spring	PIN	F	7/25/2000	26	1.3	<2.0	21	<5	<0.5	0.65	<2	115	8	7.01	241	117	15.6*

1 - sample not recieved at contract laboratory at 4 +/- 2 degrees celsius
PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
*** - Temperature may not represent true ground-water temperature due to low-flow conditions**
TDS - Total dissolved solids
SC - Specific conductance
NA - Not analyzed or not available
T - Non-filtered sample preserved with nitric acid prior to analysis (Totals)
F - Dissolved fraction less than 0.45 micron, and preserved with nitric acid prior to analysis (Filtered)
§ - Holding Times Broken
Note: Bolded sample stations are Cerro Grande fire related.

Table 2 - NMED DOE Oversight Bureau Ground-Water Quality Results: Non-metallic Inorganics, Total Dissolved Solids, etc.

STATION ID	LAB	T/F	Date	ClO4 (ug/L)	TOTAL PHOS (mg/L)	NO2-NO3 AS N (mg/L)	TKN (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN. CN (mg/L)	TOC mg/L	TDS (mg/L)	TSS (mg/L)
WELLS/BOREHOLES													
DEEP/REGIONAL AQUIFER													
Los Alamos Canyon Watershed													
TW - 1	PIN	T	**5/2/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PIN	T	**9/12/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW - 2	PIN	T	**5/3/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PIN	T	**9/12/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW - 3	PIN	T	**5/3/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW - 4	PIN	T	**5/2/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PIN	T	**9/12/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mortandad Canyon Watershed													
TW - 8	PIN	T	**5/2/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PIN	T	**9/13/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
INTERMEDIATE AQUIFER													
Los Alamos Canyon Watershed													
POI - 4	PIN	F	**7/19/2000**	NA	NA	NA	NA	NA	NA	NA	NA	329	NA
	PIN	T	**7/19/2000**	<5.00	3.89	4.34	<0.5	<0.05	<0.005	NA	NA	NA	<5
TW - 1A	PIN	T	**7/25/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW - 2A	PIN	T	**7/25/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERCHED AQUIFER													
Los Alamos Canyon Watershed													
LAO-2	PAR	F	**6/26/2000**	NA	0.24	1.30	NA	<0.5	NA	NA	NA	240	NA
	PIN	T	**6/26/2000**	<5.00	NA	NA	NA	NA	<0.01	NA	<1	NA	<20
LAO-3A	PAR	F	**6/26/2000**	NA	0.25	1.10	NA	<0.5	<0.01	NA	NA	220	NA
	PIN	T	**6/26/2000**	<5.00	NA	NA	NA	NA	NA	NA	<1	NA	<20
Mortandad Canyon Watershed													
MCO - 2	PIN	F	**7/17/2000**	NA	1.68	<0.05	NA	<0.05	NA	NA	NA	279	NA
	PIN	T	**7/17/2000**	<5.00	1.35	<0.05	NA	<0.05	<0.005	NA	NA	NA	<5
MCO - 3	PIN	F	**7/17/2000**	NA	0.69	3.33	NA	<0.05	NA	NA	NA	346	NA
	PIN	T	**7/17/2000**	144	1.74	3.19	NA	<0.05	<0.005	NA	NA	NA	<5
MCO - 6	PIN	T	**7/10/2000**	265	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCO - 7	PIN	T	**7/10/2000**	297	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCO - 7.5B	PIN	T	**7/10/2000**	239	NA	NA	NA	NA	NA	NA	NA	NA	NA
LOS ALAMOS COUNTY													
WATER SUPPLY													
Los Alamos Canyon Watershed													
Otowi - 1	PAR,PIN	T	**6/21/2000**	**<5.00**	**0.04**	**1.23**	NA	**<0.05**	NA	NA	NA	NA	NA
(first purge)	PIN	T	**8/3/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
(post purge)	PIN	T	**8/3/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PIN	T	**8/14/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
GR - 3	PIN	T	**8/3/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Otowi - 4	PIN	T	**8/14/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mortandad Canyon Watershed													
PM - 4	PIN	T	**8/3/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PIN	T	**8/14/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
PM - 5	PIN	T	**8/14/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pajarito Canyon Watershed													
PM - 2	PIN	T	**8/14/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sandia Canyon Watershed													
PM - 1	PIN	T	**8/14/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRINGS													
Los Alamos Canyon Watershed													
LA - 11.2 Spring	PAR	T	**6/21/2000**	NA	0.1	0.35	NA	<0.51	<0.01	NA	NA	NA	NA
DP Spring	PAR	F	**6/26/2000**	NA	NA	NA	NA	NA	NA	NA	NA	170	NA
	PAR,PIN	T	**6/26/2000**	**<5.00**	0.14	1.40	NA	1.2	<0.01	NA	2	NA	<20
Los Alamos Spring	PIN	F	**7/25/2000**	NA	NA	NA	NA	NA	NA	NA	NA	245	NA
	PIN	T	**7/25/2000**	<5.00	0.12	2.60	<0.5	<0.05	<0.005	NA	NA	NA	<5
Basalt Spring	PIN	T	**7/25/2000**	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
LA-5.19 Spring	PAR	F	**11/21/2000**	NA	0.074	<0.1	<0.5	<0.5	NA	NA	NA	180	NA
	PAR	T	**11/21/2000**	<5.00	0.11	<0.1	<0.5	<0.5	0.014	<0.01	4	NA	20
Pajarito Canyon Watershed													
PC Spring	PAR	F	**5/2/2000**	NA	NA	NA	NA	NA	NA	NA	NA	60	NA
	PAR,PIN	T	**5/2/2000**	**<5.00**	<0.05	0.16	<1.0	<0.1	NA	NA	**1.3**	NA	<20
Homestead Spring	PAR	F	**6/15/2000**	NA	NA	NA	NA	NA	NA	NA	NA	160	NA
	PAR,PIN	T	**6/15/2000**	**<5.00**	<0.05	0.22	0.7	<0.5	NA	NA	**5.6**	NA	<20
	PIN	F	**7/21/2000**	NA	NA	NA	NA	NA	NA	NA	NA	217	NA
	PIN	T	**7/21/2000**	NA	0.12	0.48	<0.5	<0.05	<0.005	NA	NA	NA	<5
	PAR	F	**11/15/2000**	NA	0.061	0.41	<1.0	<0.5	NA	NA	NA	155	NA
	PAR	T	**11/15/2000**	NA	0.056	0.39	<1.0	<0.5	0.015	<0.01	4.4	NA	37
Charlie's Spring	PAR	F	**6/15/2000**	NA	NA	NA	NA	NA	NA	NA	NA	210	NA
	PAR,PIN	T	**6/15/2000**	**<5.00**	0.084	0.55	0.8	<0.5	NA	NA	**6.1**	NA	100
	PAR	F	**11/15/2000**	NA	<0.05	0.45	<1.0	<0.5	NA	NA	NA	250	NA
	PAR	T	**11/15/2000**	NA	0.051	0.44	<1.0	<0.5	0.019	<0.01	8.2	NA	<20
Starmer Spring	PAR	F	**6/15/2000**	NA	NA	NA	NA	NA	NA	NA	NA	190	NA
	PAR,PIN	T	**6/15/2000**	**<5.00**	0.064	0.23	<0.5	<0.5	NA	NA	**6.8**	NA	<20
	PIN	F	**7/21/2000**	NA	NA	NA	NA	NA	NA	NA	NA	235	NA
	PIN	T	**7/21/2000**	NA	0.25	0.63	0.54	<0.05	<0.005	NA	NA	NA	<5
	PAR	F	**11/15/2000**	NA	<0.05	0.40	<1.0	<0.5	NA	NA	NA	210	NA
	PAR	T	**11/15/2000**	NA	<0.05	0.39	0.5	<0.5	0.029	<0.01	5.3	NA	<20
Bulldog Spring	PAR	F	**6/15/2000**	NA	NA	NA	NA	NA	NA	NA	NA	180	NA
	PAR,PIN	T	**6/15/2000**	**<5.00**	0.097	1.00	0.8	<0.5	NA	NA	**1.4**	NA	<20
	PIN	F	**7/21/2000**	NA	NA	NA	NA	NA	NA	NA	NA	197	NA
	PIN	T	**7/21/2000**	NA	0.25	1.12	<0.5	<0.05	<0.005	NA	NA	NA	<5
	PAR	F	**11/15/2000**	NA	0.066	1.10	<1.0	<0.5	NA	NA	NA	190	NA
	PAR	T	**11/15/2000**	NA	0.067	1.10	0.5	<0.5	0.017	<0.01	3.6	NA	<20
Kieling Spring	PAR	F	**6/15/2000**	NA	NA	NA	NA	NA	NA	NA	NA	190	NA
	PAR,PIN	T	**6/15/2000**	**<5.00**	0.11	0.99	0.6	<0.5	NA	NA	**3.5**	NA	<20
TA - 18 Spring	PIN	F	**8/4/2000**	NA	NA	NA	NA	NA	NA	NA	NA	166	NA
	PIN	T	**8/4/2000**	<5.00	2.85	<0.05	1.28	0.12	<0.005	NA	5.1	NA	420
White Rock Canyon													
Ancho Spring	PIN	T	**9/26/2000**	<5.00	0.039	0.39	NA	<0.5	<0.002	NA	NA	NA	NA
Sandia Spring	PIN	F	**9/25/2000**	NA	NA	NA	NA	NA	NA	NA	NA	294	NA
	PIN	T	**9/25/2000**	<5.00	0.13	<0.05	<10	<0.5	NA	NA	NA	NA	<2
Spring 1	PIN	T	**9/25/2000**	<5.00	<0.002	0.35	NA	NA	NA	NA	NA	NA	NA
Spring 6A	PIN	F	**9/26/2000**	NA	NA	NA	NA	NA	NA	NA	NA	222	NA
	PIN	T	**9/26/2000**	<5.00	<0.1	0.40	<10	<0.5	NA	NA	NA	NA	2
Spring 7	PIN	F	**9/26/2000**	NA	NA	NA	NA	NA	NA	NA	NA	230	NA
	PIN	T	**9/26/2000**	<5.00	0.2	0.42	<10	<0.5	NA	NA	NA	NA	<2
Spring 9A	PIN	F	**9/27/2000**	<5.00	0.032	0.27	NA	<0.5	NA	NA	NA	NA	NA
Spring 9C	PIN	F	**9/27/2000**	NA	NA	NA	NA	NA	NA	NA	NA	298	NA
	PIN	T	**9/27/2000**	<5.00	0.2	<0.05	<10	<0.5	NA	NA	NA	NA	<2
Other Springs/Misc.													
Sacred Spring	PIN	F	**7/25/2000**	NA	NA	NA	NA	NA	NA	NA	NA	176	NA
	PIN	T	**7/25/2000**	<5.00	0.09	0.37	<0.5	<0.05	<0.005	NA	NA	NA	5

1 - sample not recieved at contract laboratory at 4 +/- 2 degrees celsius
PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
NA - Not analyzed or not available
T - results from a preserved non-filtered sample and/or an unpreserved non-filtered sample.
F - results from a filtered and preserved sample and/or an unpreserved filtered sample.
§ - Holding Times Broken
ClO4 - Perclorate
TOTAL PHOS - Total Phosphate as Phosphorous
NO2-NO3 AS N - Nitrate/Nitrite as Nitrogen
TKN - Total kjeldahl nitrogen
NH3 - Ammonia
TOTAL CN - Total Cyanide
AMEN. CN - Amenable Cyanide
TOC - Total Organic Carbon
TDS - Total dissolved solids
TSS - Total suspended solids
Note: Bolded sample stations are Cerro Grande fire related.

Table 3 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Trace Metals, Silver through Mercury.

STATION ID	LAB	T/F	Date	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Hg (mg/L)
WELLS/BOREHOLES															
INTERMEDIATE AQUIFER															
Los Alamos Canyon Watershed															
POI - 4	PIN	F	**7/19/2000**	<0.01	<0.1	0.005	NA	0.09	<0.0005	<0.0005	<0.02	<0.02	<0.01	0.05	<0.0002
	PIN	T	**7/19/2000**	<0.01	<0.1	0.005	NA	0.09	<0.0005	<0.0005	<0.02	<0.01	0.011	0.07	<0.0002
PERCHED AQUIFER															
Los Alamos Canyon Watershed															
LAO - 2	PAR	F	**6/26/2000**	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.21	< 0.0002
	PAR	T	**6/26/2000**	<0.01	0.34	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.29	< 0.0002
LAO - 3A	PAR	F	**6/26/2000**	<0.01	0.28	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.26	< 0.0002
	PAR	T	**6/26/2000**	<0.01	0.33	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.28	< 0.0002
Mortandad Canyon Watershed															
MCO - 2	PIN	F	**7/17/2000**	<0.01	<0.1	0.022	NA	0.18	<0.0005	<0.0005	<0.02	<0.02	<0.01	16.70	< 0.0002
	PIN	T	**7/17/2000**	<0.01	0.35	0.013	NA	0.17	<0.0005	<0.0005	<0.02	<0.02	<0.01	15.50	< 0.0002
MCO - 3	PIN	F	**7/17/2000**	<0.01	0.24	<0.003	NA	0.28	<0.0005	<0.0005	<0.02	<0.02	<0.01	0.10	< 0.0002
	PIN	T	**7/17/2000**	<0.01	1.41	<0.003	NA	0.27	<0.0005	<0.0005	<0.02	<0.02	<0.01	0.72	< 0.0002
LOS ALAMOS COUNTY															
WATER SUPPLY															
Los Alamos Canyon Watershed															
Otowi 1	PIN	F	**8/14/2000**	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mortandad Canyon Watershed															
PM - 4	PIN	F	**8/14/2000**	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
PM - 5	PIN	F	**8/14/2000**	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pajarito Canyon Watershed															
PM - 2	PIN	F	**8/14/2000**	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sandia Canyon Watershed															
PM - 1	PIN	F	**8/14/2000**	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRINGS															
Los Alamos Canyon Watershed															
DP Spring	PAR	F	**6/26/2000**	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.19	< 0.0002
	PAR	T	**6/26/2000**	<0.01	0.24	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.18	< 0.0002
Los Alamos Spring	PIN	F	**7/25/2000**	<0.01	<0.1	<0.003	<0.05	0.04	<0.0005	<0.0005	<0.02	<0.01	<0.01	<0.04	<0.0002
LA-5.19 Spring	PAR	F	**11/21/2000**	<0.01	0.5	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.25	< 0.0002
Pajarito Canyon Watershed															
PC Spring	PAR	F	**5/2/2000**	<0.01	NA	<0.01	<0.1	<0.1	NA	<0.005	<0.01	NA	NA	NA	< 0.0002
	PAR	T	**5/2/2000**	<0.01	NA	<0.01	<0.1	<0.1	NA	<0.005	<0.01	NA	NA	NA	< 0.0002
Homestead Spring	PAR	F	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.12	< 0.0002
	PAR	T	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	< 0.0002
	PIN	F	**7/21/2000**	<0.01	<0.1	<0.003	<0.05	0.10	<0.0005	<0.0005	<0.02	<0.02	<0.01	<0.04	<0.0002
	PAR	F	**11/15/2000**	<0.01	0.29	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.18	<0.0002
Charlie's Spring	PAR	F	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.12	< 0.0002
	PAR	T	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	< 0.0002
	PAR	F	**11/15/2000**	<0.01	<0.2	<0.01	<0.1	0.12	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002
Starmer Spring	PAR	F	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.12	< 0.0002
	PAR	T	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.11	< 0.0002
	PIN	F	**7/21/2000**	<0.01	<0.1	<0.003	<0.05	0.10	<0.0005	<0.0005	<0.02	<0.02	<0.01	<0.04	<0.0002
	PAR	F	**11/15/2000**	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.13	<0.0002
Bulldog Spring	PAR	F	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	< 0.0002
	PAR	T	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.19	< 0.0002
	PIN	F	**7/21/2000**	<0.01	<0.1	<0.003	<0.05	0.07	<0.0005	<0.0005	<0.02	<0.02	<0.01	<0.04	<0.0002
	PAR	F	**11/15/2000**	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002
Kieling Spring	PAR	F	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	< 0.0002
	PAR	T	**6/15/2000**	<0.01	<0.2	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	< 0.0002
TA - 18 Spring	PIN	F	**8/4/2000**	<0.01	2.7	<0.003	NA	0.10	<0.0005	<0.0005	<0.02	<0.01	0.012	14.2	< 0.0002
White Rock Canyon															
Spring 6A	PIN	F	**9/26/2000**	<0.00006	0.005	0.002	0.023	0.02	<0.0001	<0.00004	0.003	<0.00004	0.00021	<0.005	<0.00003
	PIN	T	**9/26/2000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002
Spring 7	PIN	F	**9/26/2000**	<0.00006	0.001	0.002	0.026	0.03	<0.0001	<0.00004	0.003	<0.00004	0.00067	<0.005	<0.00003
	PIN	T	**9/26/2000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002
Spring 9C	PIN	F	**9/27/2000**	<0.00006	0.006	0.002	0.014	0.01	<0.0001	<0.00004	0.001	0.00005	0.00057	0.014	<0.00003
	PIN	T	**9/27/2000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.002
Other Springs/Misc.															
Sacred Spring	PIN	F	**7/25/2000**	<0.01	<0.1	0.003	<0.05	0.07	<0.0005	<0.0005	<0.02	<0.01	<0.01	<0.04	<0.0002

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
NA - Not analyzed or not available
T - Non-filtered sample preserved with nitric acid prior to analysis (Totals)
F - Dissolved fraction less than 0.45 micron, and preserved with nitric acid prior to analysis (Filtered)
Note: Bolded sample stations are Cerro Grande fire related

Table 4 - NMED DOE Oversight Bureau Ground-Water Quality Results: Additional Dissolved and Total Trace Metals, Lithium through Zinc.

STATION ID	LAB	T/F	Date	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
WELLS/BOREHOLES																
INTERMEDIATE AQUIFER																
Los Alamos Canyon Watershed																
POI - 4	PIN	F	**7/19/2000**	NA	<0.01	NA	<0.02	<0.002	<0.003	<0.003	NA	NA	NA	<0.001	<0.02	<0.01
	PIN	T	**7/19/2000**	NA	<0.01	NA	<0.04	<0.002	<0.003	<0.003	NA	NA	NA	<0.001	<0.02	<0.01
PERCHED AQUIFER																
Los Alamos Canyon Watershed																
LAO - 2	PAR	F	**6/26/2000**	0.039	<0.01	NA	<0.02	<0.003	<0.02	<0.005		26.0	NA	<0.01	<0.01	<0.02
	PAR	T	**6/26/2000**	0.053	<0.01	NA	<0.02	<0.003	<0.02	<0.005		26.0	NA	<0.01	<0.01	<0.02
LAO - 3A	PAR	F	**6/26/2000**	0.039	<0.01	NA	<0.02	<0.003	<0.02	<0.005		8.6	NA	<0.01	<0.01	<0.02
	PAR	T	**6/26/2000**	0.039	<0.01	NA	<0.02	<0.003	<0.02	<0.005		26.0	NA	<0.01	<0.01	<0.02
Mortandad Canyon Watershed																
MCO - 2	PIN	F	**7/17/2000**	NA	2.69	NA	<0.02	<0.002	<0.003	<0.003	NA	NA	NA	<0.001	<0.02	<0.01
	PIN	T	**7/17/2000**	NA	2.4	NA	<0.02	0.0024	<0.003	<0.003	NA	NA	NA	<0.001	<0.02	<0.01
MCO - 3	PIN	F	**7/17/2000**	NA	<0.01	NA	<0.02	<0.002	<0.003	<0.003	NA	NA	NA	<0.001	<0.02	<0.01
	PIN	T	**7/17/2000**	NA	<0.01	NA	<0.02	<0.002	<0.003	<0.003	NA	NA	NA	<0.001	<0.02	<0.01
SPRINGS																
Los Alamos Canyon Watershed																
DP Spring	PAR	F	**6/26/2000**	0.011	<0.01	NA	<0.02	<0.003	<0.02	<0.005		8.6	NA	<0.01	<0.01	<0.02
	PAR	T	**6/26/2000**	0.01	<0.01	NA	<0.02	<0.003	<0.02	<0.005		8.6	NA	<0.01	<0.01	<0.02
Los Alamos Spring	PIN	F	**7/25/2000**	<0.1	<0.01	<0.03	<0.02	<0.002	<0.003	<0.003		17.9	<0.05	0.14	<0.001	<0.02	<0.01
LA-5.19 Spring	PAR	F	**11/21/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005		19.0	0.05	0.083	<0.01	<0.01	<0.02
Pajarito Canyon Watershed																
PC Spring	PAR	F	**5/2/2000**	<0.01	<0.01**	NA	NA	<0.003	NA	<0.005		19	NA	0.06	NA	NA	NA
	PAR	T	**5/2/2000**	<0.01	<0.01**	NA	NA	0.0057	NA	<0.005		18	NA	0.06	NA	NA	NA
Homestead Spring	PAR	F	**6/15/2000**	<0.01	<0.01	NA	<0.02	<0.003	<0.02	<0.005		15	NA	0.16	<0.01	<0.01	<0.02
	PAR	T	**6/15/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005	NA	NA	NA	<0.01	<0.01	<0.02
	PIN	F	**7/21/2000**	<0.1	<0.01	<0.03	<0.02	<0.002	<0.003	<0.003		17	<0.05	0.23	<0.001	<0.02	<0.01
	PAR	F	**11/15/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005		13	<0.05	0.14	<0.01	<0.01	<0.02
Charlie's Spring	PAR	F	**6/15/2000**	<0.01	<0.01	NA	<0.02	<0.003	<0.02	<0.005		15	NA	0.21	<0.01	<0.01	<0.02
	PAR	T	**6/15/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005	NA	NA	NA	<0.01	<0.01	<0.02
	PAR	F	**11/15/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005		13	<0.05	0.21	<0.01	<0.01	<0.02
Starmer Spring	PAR	F	**6/15/2000**	<0.01	<0.01	NA	<0.02	<0.003	<0.02	<0.005		15	NA	0.21	<0.01	<0.01	<0.02
	PAR	T	**6/15/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005	NA	NA	NA	<0.01	<0.01	<0.02
	PIN	F	**7/21/2000**	<0.1	<0.01	<0.03	<0.02	<0.002	<0.003	<0.003		18	<0.05	0.25	<0.001	<0.02	<0.01
	PAR	F	**11/15/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005		12	<0.05	0.18	<0.01	<0.01	<0.02
Bulldog Spring	PAR	F	**6/15/2000**	<0.01	<0.01	NA	<0.02	<0.003	<0.02	<0.005		23	NA	0.12	<0.01	<0.01	<0.02
	PAR	T	**6/15/2000**	NA	<0.01	NA	<0.02	<0.003	0.003	<0.005	NA	NA	NA	<0.01	<0.01	<0.02
	PIN	F	**7/21/2000**	<0.1	<0.01	<0.03	<0.02	<0.002	<0.003	<0.003		27	<0.05	0.12	<0.001	<0.02	0.012
	PAR	F	**11/15/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005		20	<0.05	0.13	<0.01	<0.01	<0.02
Kieling Spring	PAR	F	**6/15/2000**	<0.01	<0.01	NA	<0.02	<0.003	<0.02	<0.005		18	NA	0.16	<0.01	<0.01	<0.02
	PAR	T	**6/15/2000**	NA	<0.01	NA	<0.02	<0.003	<0.02	<0.005	NA	NA	NA	<0.01	<0.01	<0.02
TA - 18 Spring	PIN	F	**8/4/2000**	<0.1	0.577	<0.03	<0.02	<0.002	<0.003	<0.003		12.5	<0.05	0.92	<0.001	<0.02	<0.01
White Rock Canyon																
Spring 6A	PIN	F	**9/26/2000**	NA	0.00033	NA	0.00022	0.00007	0.00011	0.0006		29.5	<0.00002	0.0857	<0.00002	0.0120	0.0052
	PIN	T	**9/26/2000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Spring 7	PIN	F	**9/26/2000**	NA	0.00134	NA	0.00031	0.00008	0.00014	0.0008		30.9	<0.00002	0.101	<0.00002	0.0106	0.0051
	PIN	T	**9/26/2000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Spring 9C	PIN	F	**9/27/2000**	NA	0.00223	NA	0.00034	0.00020	0.00012	0.0005		33.5	<0.00002	0.0757	<0.00002	0.0165	0.0068
	PIN	T	**9/27/2000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Springs/Misc.																
Sacred Spring	PIN	F	**7/25/2000**	<0.1	0.016	<0.03	<0.02	<0.002	<0.003	<0.003		22.2	<0.05	0.32	<0.001	<0.02	0.014

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
NA - Not analyzed or not available
T - Non-filtered sample preserved with nitric acid prior to analysis (Totals)
F - Dissolved fraction less than 0.45 micron, and preserved with nitric acid prior to analysis (Filtered)
Note: Bolded sample stations are Cerro Grande fire related

Table 5 - NMED DOE Oversight Bureau Ground-Water Quality Results: Gross Alpha/Beta, Tritium and Dissolved and Total Radionuclides Sr^{90} through U^{238}.

STATION ID	LAB	T/F	Date	Gross Alpha (pCi/L)	UNC/DL	Gross Beta (pCi/L)	UNC/DL	H3 (pCi/L)	UNC/DL	90Sr (pCi/L)	UNC/DL	U (ug/L)	UN/RL	234U (pCi/L)	UNC/DL	235U (pCi/L)	UNC/DL	238U (pCi/L)	UNC/DL
WELLS/BOREHOLES																			
DEEP/REGIONAL AQUIFER																			
Los Alamos Canyon Watershed																			
TW - 1	PAR,PIN	T	5/2/2000	NA	_	NA	_	168.91	10.86/5.43	**-0.3**	**0.69/0.9**	NA	_	NA	_	NA	_	NA	_
	PIN	T	9/12/2000	3.8	1.4/1.7	7.6	2.1/3.2	157.73	10.22/5.11	<0.9	0.4/0.9	NA	_	NA	_	NA	_	NA	_
TW - 2	PAR,PIN	T	5/3/2000	NA	_	NA	_	6.10	0.58/0.29	**1.2**	**0.79/1.0**	NA	_	NA	_	NA	_	NA	_
	PIN	T	9/12/2000	<0.5	0.3/0.5	1.6	0.5/0.8	4.53	0.58/0.29	<0.9	0.4/0.9	NA	_	NA	_	NA	_	NA	_
TW - 3	PAR,PIN	T	5/3/2000	NA	_	NA	_	0.67	0.58/0.29	**-0.65**	**0.80/1.0**	NA	_	NA	_	NA	_	NA	_
	PIN		9/27/2000	NA	_	NA	_	30.33	1.92/0.96	NA	_	NA	_	NA	_	NA	_	NA	_
Laboratory Duplicate	PIN		9/27/2000	NA	_	NA	_	35.03	1.92/0.96	NA	_	NA	_	NA	_	NA	_	NA	_
TW - 4	PIN	T	5/2/2000	NA	_	NA	_	1.40	0.58/0.29	-0.13	0.74/0.9	NA	_	NA	_	NA	_	NA	_
	PIN	T	9/12/2000	<0.4	0.3/0.4	2.6	0.5/0.8	0.35	0.58/0.29	1.0	0.4/0.9	NA	_	NA	_	NA	_	NA	_
Mortandad Canyon Watershed																			
TW - 8	PAR,PIN	T	5/2/2000	NA	_	NA	_	14.14	0.96/0.48	**-0.8**	**0.74/0.9**	NA	_	NA	_	NA	_	NA	_
	PIN	T	9/13/2000	<0.6	0.4/0.6	2.1	0.5/0.7	1.63***	0.58/0.29	<0.9	0.4/0.9	NA	_	NA	_	NA	_	NA	_
Laboratory Duplicate	PIN		9/13/2000	NA	_	NA	_	1.53	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
Pajarito Canyon Watershed																			
R-22	PIN		9/30/2000	NA	_	NA	_	140.49***	25.54/12.77	NA	_	NA	_	NA	_	NA	_	NA	_
	PIN	T	9/30/2000	38.1	17.4/16.3	60.5	14.5/21.2	NA	_	<3.2	1.4/3.2	2.75	NA	0.89	0.31/0.12	<0.06	0.07/0.06	1.00	0.33/0.12
Ancho Canyon Watershed																			
DT-5A	PIN		10/26/2000	NA	_	NA	_	-0.61	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
Laboratory Duplicate	PIN		10/26/2000	NA	_	NA	_	-0.13	0.64/0.32										
DT-10	PIN		10/27/2000	NA	_	NA	_	0.13*	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
INTERMEDIATE AQUIFER																			
Los Alamos Canyon Watershed																			
POI - 4	PIN	T	7/19/2000	NA	_	NA	_	NA	_	-0.14	1.1/2.0	NA	_	NA	_	NA	_	NA	_
	PAR		7/19/2000	NA	_	NA	_	47.90	19.16/9.58	NA	_	NA	_	NA	_	NA	_	NA	_
TW - 1A	PAR	T	7/25/2000	NA	_	NA	_	51.09	19.16/9.58	NA	_	NA	_	NA	_	NA	_	NA	_
TW - 2A	PAR	T	7/25/2000	NA	_	NA	_	1411.31	95.80/47.90	NA	_	NA	_	NA	_	NA	_	NA	_
PERCHED AQUIFER																			
Los Alamos Canyon Watershed																			
LAO - 2	PAR	T	6/26/2000	0.46	0.65/1.1	22.0	3.2/1.3	118.14	19.16/9.58	7	1.4/0.42	NA	_	0.260	0.10/0.090	0.100	0.067/0.077	0.125	0.069/0.061
	PAR	F	6/26/2000	0.73	0.58/0.93	22.0	3.2/1.3	NA	_	8.1	1.5/0.42	NA	_	0.110	0.025/0.012	0.010	0.008/0.011	0.046	0.015/0.0074
LAO - 3A	PAR	T	6/26/2000	0.56	0.58/0.95	59.0	8.2/1.3	137.30	19.16/9.58	24.5	4.5/0.40	NA	_	0.152	0.036/0.018	0.032	0.017/0.019	0.113	0.030/0.016
	PAR	F	6/26/2000	-0.11	0.65/1.2	55.3	7.7/1.4	NA	_	26.7	4.9/0.44	NA	_	0.105	0.028/0.018	0.033	0.015/0.015	0.083	0.024/0.013
Mortandad Canyon Watershed																			
MCO - 2	PIN	T	7/17/2000	-0.74	3.0/5	4.4	3.1/5	300	220/400	0.54	1.3/3	NA	_	NA	_	NA	_	NA	_
	PIN	F	7/17/2000	-0.46	2.0/3	2.4	3.3/5	NA	_	0.93	1.2/3	NA	_	NA	_	NA	_	NA	_
MCO - 3	PIN	T	7/17/2000	14.0	5.9/7	110	6.9/7	98000	NP/400	28	1.9/2	NA	_	NA	_	NA	_	NA	_
	PIN	F	7/17/2000	12	3.3/3	110	7.4/7	NA	_	29	2.0/2	NA	_	NA	_	NA	_	NA	_
LOS ALAMOS COUNTY																			
WATER SUPPLY																			
Los Alamos Canyon Watershed																			
Otowi - 1	PAR,PIN	T	6/21/2000	NA	_	NA	_	43.43	3.2/1.6	**-1.4**	**1.6/3.0**	NA	_	NA	_	NA	_	NA	_
(first purge)	PIN	T	8/3/2000	NA	_	NA	_	NA	_	-0.91	1.2/2.0	NA	_	NA	_	NA	_	NA	_
(post purge)	PIN	T	8/3/2000	NA	_	NA	_	NA	_	-1.1	1.2/3	NA	_	NA	_	NA	_	NA	_
	PIN	T	8/14/2000	NA	_	NA	_	NA	_	0.02	1.2/2.0	NA	_	NA	_	NA	_	NA	_
GR - 3	PIN	T	8/3/2000	NA	_	NA	_	NA	_	-0.21	1.2/2.0	NA	_	NA	_	NA	_	NA	_
Otowi - 4	PIN	T	8/14/2000	NA	_	NA	_	NA	_	0.42	0.90/2	NA	_	NA	_	NA	_	NA	_
Mortandad Canyon Watershed																			
PM - 4	PIN	T	8/3/2000	NA	_	NA	_	NA	_	-0.39	1.2/2.0	NA	_	NA	_	NA	_	NA	_
	PIN	T	8/14/2000	NA	_	NA	_	NA	_	0.39	1.1/2.0	NA	_	NA	_	NA	_	NA	_
PM - 5	PIN	T	8/14/2000	NA	_	NA	_	NA	_	-0.11	1.2/2.0	NA	_	NA	_	NA	_	NA	_
Pajarito Canyon Watershed																			
PM - 2	PIN	T	8/14/2000	NA	_	NA	_	NA	_	-0.15	1.1/2.0	NA	_	NA	_	NA	_	NA	_
Sandia Canyon Watershed																			
PM - 1	PIN	T	8/14/2000	NA	_	NA	_	NA	_	1.70	1.2/2.0	NA	_	NA	_	NA	_	NA	_
SPRINGS																			
Los Alamos Canyon Watershed																			
LA - 11.2 Spring	PAR	T	6/21/2000	NA	_	NA	_	10.50	0.84/0.42	NA	_	NA	_	NA	_	NA	_	NA	_
DP Spring	PAR	T	6/26/2000	0.65	0.56/0.91	130.0	18/1.2	217.12	25.54/12.77	57	10.0/0.41	NA	_	0.331	0.056/0.012	0.034	0.014/0.012	0.049	0.017/0.013
	PAR	F	6/26/2000	1.02	0.61/0.93	130.0	18/1.6	NA	_	57	10.0/0.43	NA	_	0.255	0.045/0.017	0.025	0.012/0.012	0.045	0.015/0.0074
Los Alamos Spring	PIN	T	7/25/2000	NA	_	NA	_	NA	_	0.12	0.97/2	NA	_	NA	_	NA	_	NA	_
	PIN	F	7/25/2000	NA	_	NA	_	NA	_	NA	_	NA	_	-0.31	0.67/1	-0.42	0.31/0.7	0.22	0.47/0.7
	PAR	T	7/25/2000	NA	_	NA	_	1.21	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
LA-5.19 Spring	PAR	F	11/21/2000	NA	_	NA	_	NA	_	1.10	0.34/0.41	NA	_	NA	_	NA	_	NA	_
	PIN		11/21/2000	NA	_	NA	_	89.4	25.54/12.77										
Pajarito Canyon Watershed																			
PC Spring	PAR	T	5/2/2000	NA	_	NA	_	39.59	2.6/1.3	NA	_	0.09[J]	0.01/0.20	0.025	0.034/0.061	0.014	0.024/0.045	0.022	0.029/0.045
Homestead Spring	PAR	T	6/15/2000	NA	_	NA	_	40.55	2.6/1.3	NA	_	0.27	0.04/0.20	0.045	0.047/0.073	0.007	0.025/0.049	0.025	0.032/0.049
	PAR	T	7/21/2000	NA	_	NA	_	46.62	3.2/1.6	NA	_	NA	_	NA	_	NA	_	NA	_
	PAR	F	11/15/2000	NA	_	NA	_	NA	_	0.16	0.21/0.34	NA	_	NA	_	NA	_	NA	_
	PIN	T	11/15/2000	NA	_	NA	_	54.92	3.84/1.92	NA	_	NA	_	NA	_	NA	_	NA	_
Charlie's Spring	PAR	T	6/15/2000	NA	_	NA	_	59.39	3.8/1.9	NA	_	0.87	0.12/0.20	0.34	0.13/0.092	0.03	0.040/0.076	0.24	0.10/0.082
	PAR	F	11/15/2000	NA	_	NA	_	NA	_	0.08	0.21/0.35	NA	_	NA	_	NA	_	NA	_
	PIN	T	11/15/2000	NA	_	NA	_	68.01	5.10/2.55	NA	_	NA	_	NA	_	NA	_	NA	_
Starmer Spring	PAR	T	6/15/2000	1.10	0.55/0.78	5.10	1.1/1.3	46.62	3.2/1.6	NA	_	1.05	0.14/0.40	0.38	0.14/0.085	0.02	0.043/0.095	0.22	0.10/0.072
	PAR	T	7/21/2000	NA	_	NA	_	56.20	3.84/1.92	NA	_	NA	_	NA	_	NA	_	NA	_
	PAR	F	11/15/2000	NA	_	NA	_	NA	_	0.22	0.21/0.34	NA	_	NA	_	NA	_	NA	_
	PIN	T	11/15/2000	NA	_	NA	_	68.33	5.10/2.55	NA	_	NA	_	NA	_	NA	_	NA	_
Bulldog Spring	PAR	T	6/15/2000	1.00	0.66/1.0	3.29	0.96/1.3	91.00	5.8/2.9	NA	_	0.63	0.09/0.20	0.28	0.12/0.84	0.032	0.046/0.089	0.119	0.077/0.094
	PAR	T	7/21/2000	NA	_	NA	_	92.60	7.66/3.83	NA	_	NA	_	NA	_	NA	_	NA	_
	PAR	F	11/15/2000	NA	_	NA	_	NA	_	0.02	0.19/0.33	NA	_	NA	_	NA	_	NA	_
	PIN	T	11/15/2000	NA	_	NA	_	90.04	7.02/3.51	NA	_	NA	_	NA	_	NA	_	NA	_
Kieling Spring	PAR	T	6/15/2000	NA	_	NA	_	113.00	7.6/3.8	NA	_	1.05	0.14/0.20	0.49	0.15/0.069	0.012	0.026/0.056	0.36	0.12/0.69
TA-18 Spring	PAR	T	8/4/2000	NA	_	NA	_	89.08***	5.74/2.87	NA	_	NA	_	NA	_	NA	_	NA	_
White Rock Canyon																			
Ancho Spring	PIN	F	9/26/2000	<0.9	0.5/0.9	2.50	0.7/1	1.50***	0.58/0.29	<0.6	0.3/0.6	0.26	NA	0.32	0.21/0.08	<0.1	0.10/0.1	0.17	0.15/0.08
Doe Spring	PIN	T	9/27/2000	NA	_	NA	_	4.73	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
Sandia Spring	PIN	T	9/25/2000	NA	1.9/2	10.00	1.7/2.2	1.98***	0.58/0.29	<0.6	0.3/0.6	NA	_	NA	_	NA	_	NA	_
Spring 1	PIN	F	9/25/2000	NA	1.1/0.9	12.80	1/0.9	-0.22	0.16/0.32	<0.6	0.3/0.6	NA	_	1.26	0.44/0.15	<0.14	0.04/0.14	0.63	0.26/0.13
Spring 2	PIN	T	9/25/2000	NA	_	NA	_	0.32***	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
Spring 3	PIN	T	9/25/2000	NA	_	NA	_	2.49***	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
Spring 3A	PIN	T	9/25/2000	NA	_	NA	_	0.86***	0.76/0.38	NA	_	NA	_	NA	_	NA	_	NA	_
Spring 4	PIN	T	9/25/2000	NA	_	NA	_	11.97	0.76/0.38	NA	_	NA	_	NA	_	NA	_	NA	_
Spring 5A	PIN	T	9/26/2000	NA	_	NA	_	1.95***	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
Spring 6	PIN	T	9/26/2000	NA	_	NA	_	1.21***	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_
Spring 6A	PIN	F	9/26/2000	2.40	0.9/0.8	5.20	0.8/1.1	1.40***	0.16/0.32	<0.6	0.3/0.6	1.29	NA	1.00	0.40/0.19	<0.16	0.11/0.16	0.63	0.30/0.13
Spring 7	PIN	F	9/26/2000	2	0.8/0.7	3.80	0.8/1.1	1.37***	0.16/0.32	<0.6	0.3/0.6	1.30	NA	0.38	0.20/0.12	<0.07	0.05/0.07	0.22	0.14/0.06
Spring 8A	PIN	T	9/26/2000	NA	_	NA	_	2.91***	0.16/0.32	NA	_	NA	_	NA	_	NA	_	NA	_
Spring 9A	PIN	T	9/27/2000	0.90	0.5/0.6	3.10	0.6/0.9	0.45***	0.58/0.29	<0.6	0.3/0.6	0.74	NA	0.59	0.29/0.26	<0.21	0.10/0.21	0.48	0.24/0.18
Spring 9C	PIN	F	9/27/2000	1.10	0.5/0.6	2.20	0.6/0.9	0.0	0.58/0.29	<0.6	0.3/0.6	0.13	NA	<0.13	0.10/0.13	<0.07	0.01/0.07	<0.11	0.09/0.11
Other Springs/Misc.																			
Sacred Spring	PIN	T	7/25/2000	NA	_	NA	_	NA	_	0.97	1/2	NA	_	NA	_	NA	_	NA	_
	PIN	F	7/25/2000	NA	_	NA	_	NA	_	NA	_	NA	_	0.37	0.68/1	-0.31	0.29/0.6	0.80	0.51/0.6
	PAR	T	7/25/2000	NA	_	NA	_	1.28***	0.58/0.29	NA	_	NA	_	NA	_	NA	_	NA	_

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
T - Non-filtered sample preserved with nitric acid prior to analysis (Totals)
F - Dissolved fraction less than 0.45 micron, and preserved with nitric acid prior to analysis (Filtered)
Note: 1) all tritium results were from nonfiltered and unpreserved samples, and unless noted otherwise, were provided by University of Miami, Tritium Laboratory; 2) tritium results for MCO-2 and MCO-3 were provide by Barringer Laboratory, Inc.
J - Estimated value; result between Method Detection Limit and Reporting Limit.
***** - Average of duplicate runs**
DL - Detection Limit
UNC-Uncertanties (2 Sigma)
NA - Not analyzed or not available
Note: Bolded sample stations are Cerro Grande fire related

Table 6 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Radionuclides Pu^{238} through Th^{232}.

STATION ID	LAB	T/F	Date	238Pu (pCi/L)	UNC/DL	239/240 Pu (pCi/L)	UNC/DL	241Pu (pCi/L)	UNC/DL	241Am (pCi/L)	UNC/DL	228Th (pCi/L)	UNC/DL	230Th (pCi/L)	UNC/DL	232Th (pCi/L)	UNC/DL
WELLS/BOREHOLES																	
DEEP/REGIONAL AQUIFER																	
Los Alamos Canyon Watershed																	
TW - 1	PIN	T	**9/12/2000**	NA	_	NA	_	NA	_	NA	_	0.03	0.02/0.007	0.03	0.02/0.007	0.02	0.01/0.007
TW - 2	PIN	T	**9/12/2000**	NA	_	NA	_	NA	_	NA	_	0.01	0.01/0.007	0.05	0.10/0.007	0.01	0.01/0.007
TW - 4	PIN	T	**9/12/2000**	NA	_	NA	_	NA	_	NA	_	0.01	0.01/0.006	0.01	0.01/0.006	<0.006	0.004/0.006
Mortandad Canyon Watershed																	
TW - 8	PIN	T	**9/13/2000**	NA	_	NA	_	NA	_	NA	_	<0.006	0.004/0.006	0.02	0.02/0.02	<0.02	0.01/0.02
INTERMEDIATE AQUIFER																	
Los Alamos Canyon Watershed																	
POI - 4	PIN	F	**7/19/2000**	-0.069	0.51/0.9	-0.064	0.47/0.8	NA	_	NA	_	NA	_	NA	_	NA	_
PERCHED AQUIFER																	
Los Alamos Canyon Watershed																	
LAO - 2	PAR	T	**6/26/2000**	0.0074	0.0081/0.013	0.032	0.013/0.0098	NA	_	0.011	0.010/0.016	NA	_	NA	_	NA	_
	PAR	F	**6/26/2000**	0.0069	0.0071/0.011	0.0129	0.0072/0.0027	NA	_	0.021	0.012/.0.13	NA	_	NA	_	NA	_
LAO - 3A	PAR	T	**6/26/2000**	0.0073	0.0059/0.0033	0.021	0.011/0.0089	NA	_	0.011	0.013/0.022	NA	_	NA	_	NA	_
	PAR	F	**6/26/2000**	0.0097	0.0076/0.0089	0.018	0.010/0.0089	NA	_	0.010	0.0085/0.010	NA	_	NA	_	NA	_
Mortandad Canyon Watershed																	
MCO - 2	PIN	T	**7/17/2000**	-0.043	0.34/0.06	-0.040	0.32/0.5	4.6	4.8/8	-0.31	0.35/0.8	NA	_	NA	_	NA	_
	PIN	F	**7/17/2000**	0.32	0.92/1	-0.50	0.65/1	5.6	5.8/9	NA	_	NA	_	NA	_	NA	_
MCO - 3	PIN	T	**7/17/2000**	3.4	0.79/0.5	1.9	0.60/0.5	9.4	4.6/7	2.4	1.3/1	NA	_	NA	_	NA	_
	PIN	F	**7/17/2000**	1.4	0.53/0.5	0.93	0.45/0.5	12	14/20	NA	_	NA	_	NA	_	NA	_
SPRINGS																	
Los Alamos Canyon Watershed																	
DP Spring	PAR	T	**6/26/2000**	0.0196	0.0096/0.0076	0.022	0.010/0.0095	NA	_	0.0127	0.0089/0.012	NA	_	NA	_	NA	_
	PAR	F	**6/26/2000**	-0.001	0.0043/0.010	0.0078	0.0077/0.012	NA	_	0.0186	0.0091/0.0072	NA	_	NA	_	NA	_
White Rock Canyon																	
Ancho Spring	PIN	F	**9/26/2000**	NA	_	NA	_	NA	_	NA	_	<0.006	0.004/0.006	0.02	0.02/0.02	<0.02	0.01/0.02
Spring 6A	PIN	F	**9/26/2000**	NA	_	NA	_	NA	_	NA	_	0.03	0.07/0.14	0.49	0.27/0.09	0.19	0.16/0.16
Spring 7	PIN	F	**9/26/2000**	NA	_	NA	_	NA	_	NA	_	0.02	0.06/0.12	0.14	0.13/0.14	0.02	0.06/0.16
Spring 9C	PIN	F	**9/27/2000**	NA	_	NA	_	NA	_	NA	_	0.08	0.10/0.14	0.16	0.14/0.12	0.03	0.06/0.07

PAR - Paragon Analytics, Inc.
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F - Dissolved fraction less than 0.45 micron, and preserved with nitric acid prior to analysis (Filtered)
Note: 1) all tritium results were from nonfiltered and unpreserved samples, and unless noted otherwise, were provided by University of Miami, Tritium Laboratory; 2) tritium results for MCO-2 and MCO-3 were provide by Barringer Laboratory, Inc.
DL - Detection Limit
UNC-Uncertanties (2 Sigma)
NA - Not analyzed or not available
Note: Bolded sample stations are Cerro Grande fire related

Table 7 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Radionuclides Ra^{226} through Tc^{99}.

STATION ID	LAB	T/F	Date	226Ra (pCi/L)	UNC/DL	228Ra (pCi/L)	UNC/DL	242Cm (pCi/L)	UNC/DL	244Cm (pCi/L)	UNC/DL	246Cm (pCi/L)	UNC/DL	99Tc (pCi/L)	UNC/DL
WELLS/BOREHOLES															
PERCHED AQUIFER															
Mortandad Canyon Watershed															
MCO - 2	PIN	T	**7/17/2000**	NA	_	NA	_	-0.17	0.34/0.7	-0.15	0.30/.06	-0.23	0.26/0.6	25	23/40
MCO - 3	PIN	T	**7/17/2000**	NA	_	NA	_	-0.13	0.40/0.8	-0.22	0.29/0.7	-0.12	0.35/0.7	70	28/40
LOS ALAMOS COUNTY															
WATER SUPPLY															
Los Alamos Canyon Watershed															
Otowi - 1	(first purge) PIN	T	**8/3/2000**	-0.13	0.40/0.7	NA	_	NA	_	NA	_	NA	_	NA	_
	(post purge) PIN	T	**8/3/2000**	-0.084	0.35/0.6	NA	_	NA	_	NA	_	NA	_	NA	_
	PIN	T	**8/14/2000**	-0.260	0.30/0.7	0.15	1.0/2.0	NA	_	NA	_	NA	_	NA	_
GR - 3	PIN	T	**8/3/2000**	-0.30	0.26/0.6	NA	_	NA	_	NA	_	NA	_	NA	_
Otowi - 4	PIN	T	**8/14/2000**	-0.17	0.28/0.6	1.1	1.4/2	NA	_	NA	_	NA	_	NA	_
Mortandad Canyon Watershed															
PM - 4	PIN	T	**8/3/2000**	-0.24	0.33/0.7	NA	_	NA	_	NA	_	NA	_	NA	_
	PIN	T	**8/14/2000**	-0.40	0.34/0.8	-0.8	0.92/2.0	NA	_	NA	_	NA	_	NA	_
PM - 5	PIN	T	**8/14/2000**	-0.26	0.36/0.7	0.26	1.0/2.0	NA	_	NA	_	NA	_	NA	_
Pajarito Canyon Watershed															
PM - 2	PIN	T	**8/14/2000**	-0.34	0.33/0.7	0.83	1.0/2.0	NA	_	NA	_	NA	_	NA	_
Sandia Canyon Watershed															
PM - 1	PIN	T	**8/14/2000**	-0.18	0.41/0.8	0.028	0.97/2.0	NA	_	NA	_	NA	_	NA	_
SPRINGS															
Los Alamos Canyon Watershed															
DP Spring	PAR	T	**6/26/2000**	NA	_	NA	_	0.005	0.0049/0.0034	0.0020	0.0027/0.0027	NA	_	NA	_
Los Alamos Spring	PIN	T	**7/25/2000**	NA	_	NA	_	-0.16	0.72/1	0.38	0.73/1	-0.36	0.41/1	NA	_
Other Springs/Misc.															
Sacred Spring	PIN	T	**7/25/2000**	NA	_	NA	_	-0.30	0.90/2	-0.42	0.56/1	-0.41	0.55/1	NA	_

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T - Non-filtered sample preserved with nitric acid prior to analysis (Totals)
F - Dissolved fraction less than 0.45 micron, and preserved with nitric acid prior to analysis (Filtered)
Tritium results for MCO-2 and MCO-3 were provide by Barringer Laboratory, Inc.
DL - Detection Limit
UNC-Uncertanties (2 Sigma)
NA - Not analyzed or not available
Note: Bolded sample stations are Cerro Grande fire related

Table 8 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Radionuclides (Gamma Spectroscopy)
Am^{241} through Tl^{208}

STATION ID	LAB	T/F	Date	241Am (pCi/L)	UNC/DL	137Cs (pCi/L)	UNC/DL	60Co (pCi/L)	UNC/DL	212Pb (pCi/L)	UNC/DL	214Pb (pCi/L)	UNC/DL	228Ac (pCi/L)	UNC/DL	208Tl (pCi/L)	UNC/DL
WELLS/BOREHOLES																	
INTERMEDIATE AQUIFER																	
Los Alamos Canyon Watershed																	
POI - 4	PIN	F	**7/19/2000**	<60	NP/60	<30	NP/30	<30	NP/30	<30	NP/30	<40	NP/40	<90	NP/90	<20	NP/20
PERCHED AQUIFER																	
Los Alamos Canyon Watershed																	
LAO - 2	PAR	T	**6/26/2000**	1.4	6.5/11	-0.3	1.5/2.6	-0.1	1.4/2.4	1.8	2.3/4.1	-6.4	7.3/8.7	6.4	9.2/9.8	-0.2	3.5/3.1
	PAR	F	**6/26/2000**	1	13/23	0.4	2.3/4.0	-0.8	2.7/4.6	-20	120/7.9	-8	13/10	-13	28/16	0	4.2/5.1
LAO - 3A	PAR	T	**6/26/2000**	-1	14/24	1	2.1/4.1	0.8	2.8/4.8	12	12/8.7	5	11/12	-14	29/19	7	4.9/5.3
	PAR	F	**6/26/2000**	-53	16/24	-1.1	2.6/4.5	-0.2	2.9/5.1	7	10/9.6	-2	11/11	-22	45/19	6.3	3.7/4.6
Mortandad Canyon Watershed																	
MCO - 2	PIN	F	**07/17/200**	NA	_	<20	NP/20	NA	_	NA	_	NA	_	NA	_	NA	_
MCO - 3	PIN	F	**07/17/200**	NA	_	<20	NP/20	NA	_	NA	_	NA	_	NA	_	NA	_
SPRINGS																	
Los Alamos Canyon Watershed																	
DP Spring	PAR	T	**6/26/2000**	-12	13/22	0.9	2.6/4.3	-0.3	2.9/5.0	5.2	6.7/8.3	1	8.3/10	-13	31/18	5.2	3.8/4.8
	PAR	F	**6/26/2000**	-5	16/28	0.3	2.8/4.9	0.4	2.6/4.6	2	12.0/11	-22	90/11	5.1	9.2/15	0	2.8/4.9
Los Alamos Spring	PIN	T	**7/25/2000**	<80	NP/80	NA	_	<30	NP/30	<40	NP/40	<50	NP/50	<80	NP/80	<20	NP/20
Pajarito Canyon Watershed																	
Starmer Spring	PAR	T	**6/15/2000**	<-6	17/29	<-1.2	3.3/5.6	<-1.3	3.4/5.8	<-20	290/9.6	<-7	23/15	<-20	190/20	<-10	130/6
Bulldog Spring	PAR	T	**6/15/2000**	<2	17/28	<-.1	2.6/4.5	<.1	2.7/4.7	16	12.0/10.0	<0	19000/11	<9.9	6.7/19	<0.3	4.9/5.8
Other Springs/Misc.																	
Sacred Spring	PIN	T	**7/25/2000**	<60	NP/60	NA	_	<20	NP/20	<30	NP/30	<40	NP/40	<80	NP/80	<20	NP/20

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
T - Non-filtered sample preserved with nitric acid prior to analysis (Totals)
F - Dissolved fraction less than 0.45 micron, and preserved with nitric acid prior to analysis (Filtered)
DL - Detection Limit
UNC-Uncertanties (2 Sigma)
NA - Not analyzed or not available
NP - Not provided
Note: Bolded sample stations are Cerro Grande fire related

Table 9 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Radionuclides (Gamma Spectroscopy) Bi^{214} through Th^{234}.

STATION ID	LAB	T/F	Date	214Bi (pCi/L)	UNC/DL	212Bi (pCi/L)	UNC/DL	22Na (pCi/L)	UNC/DL	235U (pCi/L)	UNC/DL	7Be (pCi/L)	UNC/DL	40K (pCi/L)	UNC/DL	234Th (pCi/L)	UNC/DL
WELLS/BOREHOLES																	
INTERMEDIATE AQUIFER																	
Los Alamos Canyon Watershed																	
POI - 4	PIN	F	**7/19/2000**	<40	NP/40	<300	NP/300	NA	_	NA	_	<100	NP/100	<300	NP/300	<300	NP/300
PERCHED AQUIFER																	
Los Alamos Canyon Watershed																	
LAO - 2	PAR	T	**6/26/2000**	7.7	5.0/9.1	0	1100/21	0.2	1.5/2.6	0	7.9/14	-4	25/28	68	53/45	-3	21/38
	PAR	F	**6/26/2000**	-2	12.0/13	1	19/32	-1.0	2.8/4.8	4	13/23	4	39/45	6	40/68	510[11]	170/81
LAO - 3A	PAR	T	**6/26/2000**	-3	13/12	16	21/33	1.2	2.7/4.6	-50	680/28	6	44/50	94	86/87	138[11]	79/81
	PAR	F	**6/26/2000**	-25	85/12	-1	21/35	0.5	3.1/5.3	14	25/29	0	44/49	92	72/82	123[11]	96/74
SPRINGS																	
Los Alamos Canyon Watershed																	
DP Spring	PAR	T	**6/26/2000**	-4	14/13	3	21/35	-1.6	3.0/5.0	-50	530/28	5	43/49	<46	54/76	230[11]	120/75
	PAR	F	**6/26/2000**	11	13/11	0	23/39	0.7	2.7/4.6	-30	760/29	6	46/52	<39	65/79	120[11]	74/76
Los Alamos Spring	PIN	T	**7/25/2000**	<60	NP/60	<300	NP/300	NA	_	NA	_	<200	NP/200	<300	NP/300	<200	NP/200
Pajarito Canyon Watershed																	
Starmer Spring	PAR	T	**6/15/2000**	25	19/14	7	24/40	-0.1	2.7/4.7	-1	18/31	15	53/60	97	67/81	<-140	570/80
Bulldog Spring	PAR	T	**6/15/2000**	-4	17/13	0	23/38	1.2	2.9/4.8	0	220/25	-5	47/53	<-12	61/83	<66	82/89
Other Springs/Misc.																	
Sacred Spring	PIN	T	**7/25/2000**	<50	NP/50	<200	NP/200	NA	_	NA	_	<200	NP/200	<300	NP/300	<300	NP/300

PAR - Paragon Analytics, Inc.
PIN - Pinnacle Laboratories, Inc.
T - Non-filtered sample preserved with nitric acid prior to analysis (Totals)
F - Dissolved fraction less than 0.45 micron, and preserved with nitric acid prior to analysis (Filtered)
DL - Detection Limit
UNC-Uncertanties (2 Sigma)
NA - Not analyzed or not available
TI - Nuclide identification is tentative
NP - Not provide.
Note: Bolded sample stations are Cerro Grande fire related

STATION ID		Date	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	Phos^ (mg/L)	SO4 (mg/L)	NO2+NO3 as Nitrogen (mg/L)	Kjeld-N^^ (mg/L)	Ammonia as Nitrogen (mg/L)	TDS (mg/L)	TSS (mg/L)	Field pH (S.U.)	Field SC (uS/cm)	Field Temp. (C)
WELLS																				
DEEP AQUIFER																				
TW-1		5/31/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.07	360**	17.2
		6/19/95	NA	NA	NA	NA	25	NA	NA	NA	<0.05	NA	6.2	NA	NA	290	14	7.61	360	13.7
TW-2		5/31/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.43	451**	16.2
(TEST @ 09:48)		8/1/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.52	131	16.6
(TEST @ 13:16)		8/1/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.48	131	15
(TEST @ 15:05)		8/1/95	NA	NA	NA	NA	2.3	NA	NA	NA	0.05	NA	<0.1	<0.2	<0.05	100	10	8.58	151	15.8
TW-3		6/2/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.97**	168**	21.3**
(TEST @ 08:10)	T	7/18/95	16	5	2	NA	NA	NA	<1	83	<0.05	NA	<0.1	<0.5	<0.05	90	4	8.23	170	11.1
(TEST @ 10:08)	T	7/18/95	12	4	2	NA	NA	NA	<1	64	<0.05	NA	<0.1	<0.5	<0.05	60	7	7.51	133	18.5
(TEST @ 10:45)		7/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.49	164	20.1
(TEST @ 12:09)		7/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.15	179	21
(TEST @ 14:00)		7/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.56	170	21.3
(TEST @ 15:50)		7/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.74	179	21.2
(TEST @ 17:00)		7/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.7	179	21.2
TW-4		6/20/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.58**	137**	11.2**
(TEST @ 09:00)		10/19/95	NA	NA	NA	NA	2	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	8	139	10.2
(TEST @ 13:30)		10/19/95	NA	NA	NA	NA	2	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	7.78	142	14.9
TW-8		10/21/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.77	NA	20
(TEST @ 09:10)	T	7/17/95	NA	NA	NA	9	NA	NA	NA	57	0.39	NA	<0.1	<0.5	<0.05	53	<5	8.57	116	12.1
(TEST @ 11:00)	T	7/17/95	NA	NA	NA	10	NA	NA	NA	NA	<0.05	NA	0.2	<0.5	<0.05	NA	NA	8.12	142	17.6
(TEST @ 12:30)		7/17/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.99	138	18.8
(TEST @ 13:56)	T	7/17/95	NA	NA	NA	10	NA	NA	NA	NA	<0.05	NA	0.2	<0.5	<0.05	NA	NA	7.83	133	18.8
(TEST @ 15:30)		7/17/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.89	139	18.8
(TEST @ 17:10)	T	7/17/95	NA	NA	NA	10	NA	NA	NA	NA	<0.05	NA	0.2	<0.5	<0.05	NA	NA	8.03	139	18.9
(TEST @ 00:30)		7/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	139	18.7
(TEST @ 01:11)		7/17/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.96	139	18.6
DT-5A		9/8/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.38	NA	20
	T	9/8/94	9.2	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-
	F	9/8/94	9.7	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-
		11/21/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3	NA	13.1***
		11/13/95	NA	NA	NA	NA	2	NA	NA	NA	<0.05	<10	0.4	NA	<0.05	110	<5	7.13	112	20.9
DT-9		9/8/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.53	NA	19.5
	T	9/8/94	11	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-
		5/30/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	7	8.04	133.3	18.7
DT-10		9/8/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.52	NA	18.3
	T	9/8/94	12	3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-
		5/31/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	3	7.78	118	20.8
INTERM. AQUIFER (VOLCANICS/SEDIMENTARY)																				
TW-1A		5/31/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.21	445**	14.9
		6/19/95	NA	NA	NA	NA	42	NA	NA	NA	0.94	NA	4.7	NA	NA	330	10	7.28	477	16.3
TW-2A		5/31/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.21	362**	16.8
(TEST @ 09:48)		8/1/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.5	333	11
(TEST @ 13:10)		8/1/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.5	335	11.5
(TEST @ 15:00)		8/1/95	NA	NA	NA	NA	40.9	NA	NA	NA	0.13	NA	1.6	0.2	<0.05	243	14	7.1	387	15.8
LAOI(A)-1.1	F	11/1/95	5	1	5	13	1	<0.2	<1	45	0.08	<10	0.4	<0.5	0.09	160	35	7.07	96	10.6
LADP-3	F	4/26/95	15	5	8	22	35	<0.5	<5	63	NA	14	NA	NA	NA	140	800	6.9	235	10.9
PERCHED AQUIFER (ALLUVIUM)																				
Los Alamos Canyon																				
LAO-0.7		11/30/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.2	NA	8.6
		6/21/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	640	800	6.99	227	12.4
LAO-1		6/21/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	15	6.89	217	11.2
LAO-2		6/9/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.40**	550**	11.4**
	F	6/21/95	17	NA	NA	NA	34	NA	NA	NA	0.22	NA	NA	NA	NA	220	7	NA	280	NA
LAO-B		6/14/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.73	NA	11.3
	F	1/17/95	8.6	2.6	2	8	10	<0.2	<1	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	T	1/17/95	8.4	2.6	2	7.7	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA
LAO-0.3		6/14/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.39**	NA	11.1**
LAO-0.6	F	6/14/94	26	19	7	63	97	0.3	<1	78	NA	12	NA	NA	NA	290	23	6.74	NA	15.4
LAO-0.8		6/15/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.01	NA	15.2
LAO-0.91		6/16/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.61	NA	14.8
Pajarito Canyon																				
PCO-1		6/22/94	NA	NA	NA	NA	NA	NA	NA	NA	<0.09	NA	0.3	0.3	<0.1	NA	NA	NA	NA	NA
PCO-2		6/22/94	NA	NA	NA	NA	NA	NA	NA	NA	3.9	NA	0.6	3.6	0.1	NA	NA	NA	NA	NA
PCO-3		8/12/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.41**	481**	17.7**
	F	6/20/95	17	2	9	39	95	0.4	<1	240	NA	<10	NA	NA	NA	430	14	NA	NA	NA
ER ID #18-01685	F	8/1/95	17	5	4	25	NA	NA	NA	NA	0.57	NA	0.2	0.7	<0.05	NA	NA	NA	NA	NA
Mortandad Canyon																				
MCO-5		6/23/94	NA	NA	NA	NA	NA	NA	NA	NA	<0.09	NA	33	0.6	<0.1	NA	NA	NA	NA	NA
MCO-7		6/27/94	NA	NA	NA	NA	NA	NA	NA	NA	<0.09	NA	63.4	0.4	<0.10	NA	NA	NA	NA	NA
Pueblo Canyon																				
APCO-1		6/20/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		6/23/95	NA	NA	NA	NA	40	NA	NA	NA	3.6	NA	2.2	NA	NA	340	12	6.9	466	14.5
Canada de Buey																				
CDBO-6	T	11/29/94	14	2.8	3	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		8/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	220	2200	NA	NA	NA
CDBO-7	T	11/29/94	29	5.9	5	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERCHED AQUIFER (SHALLOW VOLCANICS)																				
ER ID #03-2664	T	2/2/95	12	2.6	4	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.43	NA	11.9
WATER SUPPLY																				
Offsite																				
G-1A		5/24/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.40**	NA	28.2**
		7/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.27	189	28.5
G-6		7/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.09	163.3	30.4
Onsite																				
O-4	T	4/28/94	21	8.1	3	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PM-2		7/14/95	NA	NA	NA	NA	NA	NA	NA	NA	<0.05	NA	0.38	1.8	<0.2	NA	NA	7.37	127	25.1
PM-3																				
(TEST @ 14:32)		4/25/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.66**	NA	23.8**
(TEST @ 13:29)		4/26/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.67**	NA	23.6**
(TEST @ 13:16)		4/27/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.63**	NA	23.1**
(TEST @ 13:21)		4/28/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.75**	NA	23.6**
		7/14/95	NA	NA	NA	NA	NA	NA	NA	NA	<0.05	NA	0.36	0.25	<0.2	NA	NA	7.49	260	27.3
San Ildefonso Pueblo																				
LA-5		7/29/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.09	NA	19.7
OTOWI HOUSE		7/29/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.85	NA	17.3
		5/24/95	NA	NA	NA	NA	NA	NA	NA	NA	<0.05	NA	0.5	<0.5	<0.05	NA	NA	7.14	NA	17.5
OLD COMMUNITY		7/27/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAJARITO PUMP 1		7/27/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		5/24/95	NA	NA	NA	NA	NA	NA	NA	NA	<0.05	NA	0.2	<0.5	<0.05	NA	NA	7.45	NA	17.4
PAJARITO PUMP 2		5/24/95	NA	NA	NA	NA	NA	NA	NA	NA	<0.05	NA	3.7	<0.5	<0.05	NA	NA	7.27	NA	17.1
WESTSIDE ARTESIAN		7/27/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HALLADAY HOUSE		7/29/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.75	NA	20.2
		5/25/95	NA	NA	NA	NA	NA	NA	NA	NA	<0.05	NA	0.6	<0.5	<0.05	NA	NA	9	NA	16.8
NEW COMMUNITY		5/24/95	NA	NA	NA	NA	NA	NA	NA	NA	<0.05	NA	1.5	<0.5	<0.05	NA	NA	8.04	360	14.6
SPRINGS																				
White Rock Canyon																				
ANCHO	F	4/5/94	13	2.9	2	10	<5	0.4	NA	68	NA	<5	NA	NA	NA	130	8	7.6	NA	18.5
	T	4/5/94	12	2.9	<2	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		9/28/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.45	NA	20.8
o	F	9/12/95	12	3	2	10	3	0.4	<1	56	0.14	<10	0.4	0.7	<0.05	150	320	7.57	133	20.6
DOE	F	4/6/94	11	2.9	2	11	<5	0.5	NA	68	NA	13	NA	NA	NA	126	10	7.98	NA	9.4*
	T	4/6/94	12	3.3	<2	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		9/29/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.55	NA	13.8*
	F	4/12/95	9	3	2	9	<5	<0.5	<5	65	NA	<5	NA	NA	NA	120	<10	7.9	123.6	16.1
		9/13/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.41	140	16.2
LA MESITA		7/28/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.83	411	17
		5/24/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.08	NA	15.3
SANDIA	F	4/6/94	42	3.2	3	16	<5	0.6	NA	177	NA	5	NA	NA	NA	132	34	7.95	NA	11.4*
	T	4/6/94	44	3.8	3	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		9/11/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.53	241	16.8
OTOWI		10/15/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.45	NA	14.1
SPRING 1	F	4/6/94	17	0.7	2	31	<5	0.6	NA	116	NA	8	NA	NA	NA	142	16	7.41	NA	12.2*
	T	4/6/94	15	0.8	<2	32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRING 1 (cont.)	F	3/30/95	16	1.5	2	27	<5	0.6	NA	NA	0.14	11	0.19	0.9	<0.05	210	420	7.82	205	11.6*
	F	6/5/95	14	<1	2	30	<5	0.5	8	97	0.06	9	0.3	<0.5	<0.05	130	30	7.84	213	17.1
SPRING 2	F	4/6/94	22	1.9	2	55	5	1	NA	192	NA	9	NA	NA	NA	244	5	7.89	NA	14.0*
	T	4/6/94	22	1.3	<2	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	F	3/30/95	40	2.1	2	37	6	0.8	NA	NA	0.52	12	0.08	<0.5	0.06	340	1100	8.35	244	9.4*
	F	6/5/95	14	<1	2	40	<5	0.5	11	112	0.09	9	0.2	<0.5	<0.05	140	2	8.18	256	13.6*
SPRING 3	F	4/6/94	24	1.9	3	16	5	0.5	NA	101	NA	6	NA	NA	NA	136	3	7.92	NA	17.0*
	T	4/6/94	22	1.8	3	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	F	9/27/94	23	2.2	5	17	5	NA	NA	102	NA	7.8	NA	NA	NA	NA	NA	7.85	NA	19.6
	F	4/10/95	21	2	3	13	<5	<0.5	<5	91	NA	9	NA	NA	NA	130	220	7.99	199.3	19.1
		9/11/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.58	203	20
SPRING 3A	F	4/6/94	22	1.7	3	15	<5	0.5	NA	98	NA	6	NA	NA	NA	134	<3	NA	NA	NA
	F	9/27/94	22	2	5	16	<5	NA	NA	NA	NA	7.6	NA	NA	NA	NA	NA	7.75	NA	19.1
	F	4/10/95	20	2	3	12	<5	<0.5	<5	84	NA	6	NA	NA	NA	130	<10	7.82	184.6	19.7
	T	4/10/95	20	2	3	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		9/11/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.54	186	20
SPRING 3AA	F	5/17/95	18	<1	3	14	<5	<0.5	<5	84	NA	5	NA	NA	NA	110	17	7.68	168	18.7
		9/11/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.51	171	19.5
SPRING 3B		9/27/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.56**	NA	24**
SPRING 4	F	4/20/95	21	4	3	11	7	<0.5	<5	89	NA	5	NA	NA	NA	140	17	7.5	212	15.4
		9/11/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.37	216	16.6
SPRING 4A	F	4/5/94	20	4.4	2	12	5	0.5	NA	91.2	NA	6	NA	NA	NA	148	<3	7.88	NA	20.9*
	T	4/5/94	20	4.5	2.2	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		9/28/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.65	NA	20.1
	F	3/24/95	19	4.5	2	9.7	<5	<0.5	<5	90	<0.05	7	1.34	<0.5	<0.05	135	<10	7.86	177.5	20.2
SPRING 4AA		3/24/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.78	184.6	18.5
SPRING 4B	F	4/20/95	24	5	3	11	7	<0.5	<5	96	NA	9	NA	NA	NA	160	77	7.53	230	15.5
		9/11/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.52	232	16.9
SPRING 4C		9/11/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.52	213	17.1
SPRING 5	F	9/28/94	19	4.6	4	12	5.5	NA	NA	NA	NA	7.7	NA	NA	NA	NA	NA	7.8	NA	20
	F	4/10/95	17	5	2	10	<5	<0.5	<5	80	NA	5	NA	NA	NA	140	<10	7.85	181.5	20.6
	T	4/10/95	17	4	2	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		9/12/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.42	208	20.9
SPRING 5A		9/28/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
o	F	9/12/95	23	3	3	18	5	0.4	<1	99	0.05	<10	0.6	<0.5	<0.05	180	220	7.44	225	21
SPRING 5B		9/28/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
o	F	9/12/95	17	4	3	14	4	0.5	1	71	<0.05	<10	2.1	<0.5	<0.05	170	7	7.60	188	16.8
SPRING 6o	F	9/12/95	17	4	2	12	3	0.4	<1	80	0.08	<10	0.1	<0.5	<0.05	170	6	7.10	173	15.9
SPRING 6o	F	9/12/95	9	3	2	10	2	0.4	<1	52	<0.05	<10	0.4	<0.5	<0.05	140	6	7.84	121	21.6
SPRING 8A	F	4/5/94	11	3.1	2	12	<5	0.4	NA	68	NA	<5	NA	NA	NA	132	<3	7.96	NA	10.8*
	T	4/5/94	10	3.1	<2	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		9/29/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.6	NA	16.7*
	F	4/11/95	8	3	2	9	5	<0.5	<5	70	NA	11	NA	NA	NA	140	740	8.28	119	11.5*
		9/13/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.47	143	20.3*
SPRING 9		9/29/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.44	NA	20.1
		9/13/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.23	144	18.7
SPRING 9A	F	4/6/94	11	3.1	2	11	<5	0.5	NA	73	NA	<5	NA	NA	NA	154	<3	7.99	NA	13.9*
	T	4/6/94	12	3.3	<2	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		9/29/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.77	NA	19.8
	F	4/11/95	10	3	2	9	5	<0.5	<5	64	NA	<5	NA	NA	NA	120	<10	7.49	124.1	19.6
		9/13/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.04	127	20.2
SPRING 9B	F	4/12/95	9	3	2	9	<5	<0.5	<5	60	NA	5	NA	NA	NA	120	<10	7.84	121.9	19.3
	T	4/12/95	9	3	1	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRING 9D		9/13/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.86	221	19.7
Los Alamos Canyon																				
BASALT		7/28/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.6	450	13.3*
	F	5/3/95	11	3	7	26	30	<0.5	<10	80	1.7	20	1.3	1.9	1.4	170	29	7.19	260	10
		5/25/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	150	4	7.17	NA	13.3
LOS ALAMOS	F	5/3/95	31	8	4	14	20	0.9	<10	100	<0.05	40	3.1	<0.5	<0.05	190	<2	7.8	343	11
		6/6/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	1	7.69	340	11.3
		11/15/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.13	343	10.2
LA-11.2		8/23/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.31	120	14.4
	F	3/10/95	9.3	2.5	2	10	6	0.3	<10	58	NA	10	NA	NA	NA	120	<5	8.02	133	11.5
LA-5.19		12/16/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
		12/20/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.02	NA	9.8
	F	7/14/95	11	4	5	26	36	0.7	<1	56	0.06	10	<0.1	<0.5	<0.05	180	590	6.8	253	9.9
Pajarito Canyon & Tributaries																				
UPPER STARMER'S		4/28/95	NA	NA	NA	NA	NA	NA	NA	NA	0.08	NA	0.1	<0.5	<0.05	145	NA	6.69	167.3	8.1
	F	5/19/95	7	2	2	7	<5	<0.5	<5	37	NA	17	NA	NA	NA	80	16	6.69	96.5	8.5
		6/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.77	91.7	8.9
		6/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.98	100.6	9.1
		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.86	96.6	10.6
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(dry)
		11/9/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(dry)
CHARLIE'S	F	7/22/94	10	3.3	4	10	8	0.1	<1	52	NA	6	NA	NA	NA	132	20	7.10	NA	9
	T	2/24/95	11	3.8	3	14	31	<0.2	<1	29	NA	27	NA	NA	NA	230	6	7.43	NA	8.9
	F	4/28/95	10	3	2	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	143	NA	7.03	166.3	8.4
		6/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.78	91.7	8.5
		6/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.85	100.7	8.6
		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.63	95.6	8.4
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.07	121	8.8
	F	11/9/95	10	3	2	9	9	<0.2	<1	41	<0.05	<10	0.4	<0.5	<0.05	120	<5	6.97	112	8.8
PERKINS	F	4/28/95	10	4	3	11	NA	NA	NA	NA	0.13	NA	29	2	<0.05	148	NA	6.78	168.7	8.5
		5/19/95	NA	NA	NA	NA	<5	<0.5	<5	40	NA	19	NA	NA	NA	80	84	6.61	92.9	9.1
	F	5/24/95	7	2	2	6	6	<0.5	<10	40	0.09	20	0.1	<0.5	<0.05	90	106	6.24	91.4	9.4
		6/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.62	90.8	9.1
		6/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.57	102.8	9
		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.48	96.4	9.3
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(dry)
		11/9/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(dry)
GARVEY		5/24/95	NA	NA	NA	NA	NA	NA	NA	NA	0.12	NA	<0.1	<0.5	<0.05	NA	NA	6.57	94.2	9.6
		6/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(dry)
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(dry)
		11/9/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(dry)
JOSIE		4/28/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
	F	5/19/95	6	2	2	5	<5	<0.5	<5	37	NA	19	NA	NA	NA	70	<2	6.62	83	8.7
		5/24/95	NA	NA	NA	NA	NA	NA	NA	NA	0.07	NA	<0.1	<0.5	<0.05	NA	NA	6.36	82.6	8.7
		6/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.59	82.2	8.8
		6/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.36	84.6	9.1
		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.39	91.4	8.9
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
		11/9/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
STARMER'S	F	7/22/94	10	3.2	4	9	8	0.1	<1	50	<0.09	7	0.2	0.3	0.1	142	NA	7.27	NA	9.1
	T	2/24/95	13	4.6	4	13	31	<0.2	<1	32	NA	26	NA	NA	NA	250	9	7.79	NA	8.9
	F	4/28/95	11	4	3	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	144	NA	6.85	171.4	8.8
		6/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	96.4	8.8
		6/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.42	96.2	8.9
STARMER'S (cont.)		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8	101	8.6
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.29	117	8.3
	F	11/9/95	10	3	2	8	7	<0.2	<1	41	<0.05	<10	0.3	<0.5	<0.05	100	33	6.93	120	8.3
BRYAN	F	5/19/95	10	3	2	10	6	<0.5	<5	53	NA	21	NA	NA	NA	100	2	7.06	118	9.1
		6/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.78	113.5	9.4
		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.85	120	9.5
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.71	137	8.1
		11/9/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.14	131	8
HOMESTEAD	F	8/9/94	11	2.9	5	11	17	<0.1	<1	46	NA	6	NA	NA	NA	NA	NA	7.06	NA	9.5
	T	2/24/95	12	4.6	4	8.4	19	<0.2	<1	31	NA	14	NA	NA	NA	200	<5	6.75	NA	7.6
	F	4/28/95	10	4	2	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	133	NA	6.61	158.1	7.7
		5/19/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.45	82.1	8.2
	F	6/22/95	7	2	2	6	4	<0.2	<1	35	0.17	<10	<0.1	<0.5	<0.05	96	11	6.2	79.2	9
		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.45	89.9	8.6
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.48	98	8.6
	F	11/9/95	8	3	2	6	5	<0.2	<1	37	<0.05	<10	0.1	<0.5	<0.05	99	<5	6.88	97	8.4
KIELING	F	5/19/95	11	3	3	10	8	<0.5	<5	54	NA	20	NA	NA	NA	110	54	7.26	145.3	9.6
		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.84	167.8	10.4
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.6	189	8.3
		11/9/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
BULLDOG	F	8/9/94	14	1.3	4	14	12	0.2	<1	66	NA	9	NA	NA	NA	NA	NA	6.87	NA	11.9
	T	2/24/95	18	5	3	18	26	0.3	<1	58	NA	18	NA	NA	NA	200	7	7.39	NA	9.5
	F	4/28/95	16	5	3	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	159	NA	7.42	231	9.4
		5/19/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.09	226	9.4
		7/7/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.26	217	9.8
		10/20/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.21	229	10
	F	11/9/95	18	5	3	20	16	0.3	<1	72	<0.05	11	1.1	<0.5	<0.05	170	10	7.35	206	10
ANDERSON		12/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.42	150	10.8
HANLON		12/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.53	159.6	8.1*
TW-1.72		12/1/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.02	161	0.1*
SM-30		2/2/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.58	NA	3.6*
		6/29/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
SM-30A o	F	6/29/95	11	3	3	31	56	<0.2	<1	46	0.1	<10	<0.1	1	<0.05	210	360	6.4	277	10.8*
TA-18	F	3/21/94	12	3.5	3	13	10	0.2	<1	58	NA	9	NA	NA	NA	126	13	6.84	NA	12.1*
	F	3/13/95	10	3.2	3	11	14	<0.2	<1	52	NA	17	NA	NA	NA	120	16	6.54	166.5	4.6*
		11/17/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.2	150	8.4*
THREEMILE (A)	F	6/23/95	10	3	3	13	17	<0.2	<1	44	0.2	<10	<0.1	<0.5	<0.05	250	52	6.55	141	7.9*
THREEMILE (A) (cont.)		8/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Dry)
		11/17/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Dry)
THREEMILE (B)	F	6/23/95	10	3	3	7	3	0.2	<1	85	0.12	<10	<0.1	<0.5	<0.05	290	33	6.37	104	9.6*
		8/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.44	147	10.2*
		11/17/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.69	151	6.9*
Tensite Canyon																				
TS-1.42	F	10/18/95	19.9	2.8	2.9	23.8	15.1	0.36	<5	89	0.11	1.7	0.027	0.32	0.12	193	95	6.6	227	8.6*
Water Canyon & Tributaries																				
BURNING GROUND	F	8/12/94	20	4.9	5	19	15	0.2	<10	92	NA	10	NA	NA	NA	NA	NA	6.76	NA	10.3
	F	3/17/95	14	4.5	3	25	19	<0.5	<5	85	NA	30	NA	NA	NA	180	NA	7.04	223	10.3
		3/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.12	224	10.3
		5/12/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.76	181.2	10.8
		8/31/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.23	216	10.4
SWSC	F	8/12/94	18	2.5	5	19	15	0.2	<10	90	NA	10	NA	NA	NA	NA	NA	6.78	NA	10.4
	F	3/17/95	16	4.8	3	24	19	<0.5	<5	80	NA	31	NA	NA	NA	174	NA	7.06	234	9.5
(duplicate)	F	3/17/95	17	5.1	3	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		3/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.13	228	9.5
		5/12/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.07	206	9.6
		8/31/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.13	213	9.9
MARTIN	F	5/12/95	24	6	3	22	19	<0.5	<5	104	NA	20	NA	NA	NA	200	9	6.99	315	10
		7/21/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.04	323	10.4
PETER		8/12/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
		5/12/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(Flowing, no field parameters)		
	F	6/2/95	15	4	3	16	16	<0.5	<5	83	0.12	18	0.5	0.7	<0.05	140	460	6.72	129	9.9*
		8/31/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.07	259	12.7*
HOLLOW	T	12/9/94	8.2	3	4	18	9	0.4	<1	45	NA	<25	NA	NA	NA	NA	NA	7.83	NA	2.3*
	F	3/17/95	7.4	2.1	2	16	8	0.07	<5	55	NA	39	NA	NA	NA	172	NA	6.32	130	4.2*
FISH LADDER	F	6/2/95	4	1	<1	12	7	<0.5	<5	25	0.27	84	<0.1	1.9	<0.05	250	370	5.87	100	10.8*
VA-0.8	T	12/9/94	13	4.1	4	10	6	0.2	<1	42	0.09	<25	0.2	<0.5	<0.05	NA	NA	7.14	NA	4.8*
WC-6.25	F	8/4/95	17	5	5	22	33	0.2	<1	67	0.07	<10	<0.1	<0.5	<0.05	170	<5	6.64	255	14.3*
Other Springs																				
SACRED		7/28/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.91	NA	22*
		5/24/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.37	NA	17*
GC-10.8	F	3/26/95	11	3.6	3	5.1	<5	<0.5	NA	NA	0.15	66	0.2	0.8	<0.05	151	<10	7.17	105	10.3
	F	10/16/95	10	3	3	6	2	<0.2	<1	48	0.09	<10	0.1	<0.5	<0.05	130	<5	6.66	107	10.2
PINE SPRo	F	12/07/94	11	3.3	4	6.9	<2	<0.2	<1	41	0.15	<25	0.2	0.5	<0.05	NA	NA	6.81	65	3.3*
	F	10/16/95	14	4	4	7	2	<0.2	<1	61	0.15	11	<0.1	<0.5	<0.5	170	<5	5.97	136	12.1*
GC-0.36 o	F	12/27/94	21	4.8	9	14	4	0.3	<1	77	NA	<50	NA	NA	NA	NA	NA	7.26	68	4.8*
		10/16/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.4	72	10.2*
WCG		5/24/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.81**	NA	11.9**

o - sample not received at contract laboratory at 4 degrees Celsius
^ - Total phosphate as phosphorus
^^ - Total kjeldahl nitrogen
* - Temperature may not represent true ground-water temperature due to low-flow conditions
**- LANL's ER or ES field data
*** - Low temperature due to sampling through piping and filter apparatus
TDS - Total dissolved solids
TSS - Total suspended solids
SC - Specific conductance
NA - Not analyzed or not available
T: indicates that the sample was acidified prior to filtration or analysis, and represents total metals.
F: indicates that the sample was filtered through a 0.45 micron filter prior to acidification or analysis, and represents dissolved metals.

1. Vivat pleraque de ipsa primus
2.* Vivat pleraque de ipsa primus
3. Ne longaevum. Vita prior ejiciatur Eum gravis ut aetatis detrimentum duo ut ita effectus ac eximio
4. Ne longaevum
5. Vita. Eum suspicio ut aetatis
6. Ne longaevum. Vita prior
7. Ne. Eum detrimentum ut ita suspicio
8. Vivat. Pleraque Eum. Ne ita ipsa suus aetatis primus detrimentum ut ita ut suspicio, ante opusculo detrimentum

STATION ID			Date	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Hg (mg/L)	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
WELLS																												
DEEP AQUIFER																												
TW-1		T	5/31/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.2	<0.0002	NA	0.02	<0.01	<0.02	0.068	<0.06	<0.005	NA	<0.2	0.26	<0.2	<0.01	0.56
		F	6/19/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	NA	NA	0.02	NA	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NA
TW-2		T	5/31/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	2.8	<0.0002	NA	0.1	<0.01	<0.02	0.046	<0.06	<0.005	NA	<0.2	<0.01	<0.2	<0.01	0.5
(TEST @ 15:05)		T	8/1/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	NA	0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-3																												
(TEST @ 08:10)		T	7/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(TEST @ 10:08)		T	7/18/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-4	o	T	6/20/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.02	0.01	0.51	<0.0002	NA	0.03	<0.01	<0.02	0.057	<0.06	<0.005	NA	<0.2	0.05	<0.2	<0.01	6
TW-8	o	T	10/21/94	<0.01	<0.2	<0.06	<0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	NA	<0.01	<0.01	<0.02	0.006	<0.06	<0.005	NA	<0.02	0.05	<0.2	<0.01	0.76
DT-5A	o	T	9/8/94	<0.01	<0.2	<0.06	<0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.4	<0.0002	NA	0.01	<0.01	<0.02	0.29	<0.06	<0.005	NA	<0.2	<0.01	<0.2	<0.01	0.56
(duplicate)		T	9/8/94	<0.1	<0.1	0.001	<0.1	<0.1	<0.1	<0.001	0.001	<0.001	<0.01	0.6	<0.0005	NA	<0.05	<0.1	<0.1	0.27	NA	<0.005	NA	<0.1	<0.1	NA	<0.1	0.49
		F	9/8/94	<0.1	<0.1	0.001	<0.1	<0.1	<0.1	<0.001	<0.001	<0.001	<0.01	0.1	<0.0005	NA	<0.05	0.001	<0.1	0.026	NA	<0.005	33	<0.1	<0.1	NA	<0.1	0.35
	o	T	11/21/94	<0.01	<0.2	<0.06	<0.01	<0.1	<0.001	<0.005	0.03	<0.01	<0.01	0.5	<0.0002	NA	0.04	<0.01	<0.02	0.056	<0.06	<0.005	NA	<0.2	0.05	<0.2	<0.01	3.3
		F	11/21/94	<0.01	<0.2	<0.06	<0.01	<0.1	<0.001	<0.005	0.03	<0.01	<0.01	<0.1	<0.0002	NA	<0.01	<0.01	<0.02	0.011	<0.06	<0.005	NA	<0.2	0.04	<0.2	<0.01	1.8
		F	11/9/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
DT-9	o	T	9/8/94	<0.01	<0.2	<0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	0.07	5.6	<0.0002	NA	0.05	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.02	<0.01	<0.2	<0.01	0.49
		T	9/8/94	<0.1	<0.1	<0.001	<0.1	<0.1	<0.1	<0.001	0.008	<0.001	0.07	4.1	<0.0005	NA	0.06	0.001	<0.1	0.011	NA	<0.005	NA	<0.1	<0.1	NA	<0.1	0.46
		F	5/30/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.006	NA	NA	NA	NA	NA	NA	NA	NA
		F	5/30/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
DT-10	o	T	9/8/94	<0.01	<0.2	<0.06	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.6	<0.0002	NA	0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.02	<0.01	<0.2	<0.01	3.1
		T	9/8/94	<0.1	<0.1	<0.001	<0.1	<0.1	<0.1	0.002	0.003	<0.001	<0.01	0.9	<0.0005	NA	<0.05	<0.001	<0.1	0.027	NA	<0.005	25	<0.1	<0.1	NA	<0.1	2.9
		F	5/31/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.008	NA	NA	NA	NA	NA	NA	NA	NA
		F	5/31/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
INTERM. AQUIFER (VOLCANICS/SEDIMENTARY)																												
TW-1A		T	5/31/94	<0.01	<0.2	<0.005	0.19	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	1	<0.0002	NA	0.14	<0.01	<0.02	0.003	<0.06	<0.005	NA	<0.2	<0.01	<0.2	<0.01	2
		F	6/19/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	NA	NA	0.13	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
TW-2A		T	5/31/94	<0.01	<0.2	<0.005	0.09	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	<0.1	<0.0002	NA	0.03	<0.01	<0.02	<0.003	<0.06	<0.005	NA	<0.2	<0.01	<0.2	<0.01	0.24
(TEST @ 15:00)		T	8/1/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	NA	NA	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LAOI(A)-1.1		F	11/1/95	<0.01	1.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	0.4	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	36	<0.02	0.04	<0.01	<0.01	0.04
LADP-3		F	4/26/95	<0.01	1	<0.01	0.03	<0.1	<0.005	<0.005	0.01	<0.01	0.02	2.7	<0.0002	<0.01	0.36	<0.01	<0.02	0.018	<0.02	<0.005	29	<0.02	0.12	<0.01	<0.01	0.56
PERCHED AQUIFER (ALLUVIUM)																												
Los Alamos Canyon																												
LAO-2		T	6/9/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	NA	<0.01	0.53	<0.02	<0.003	<0.06	<0.005	NA	<0.2	<0.01	<0.2	<0.01	<0.02
(duplicate)		T	6/9/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	NA	<0.01	0.52	<0.02	<0.003	<0.06	<0.005	NA	<0.2	<0.01	<0.2	<0.01	<0.02
		F	6/21/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<0.0002	NA	<0.01	NA	NA	<0.003	NA	NA	NA	NA	0.11	NA	NA	NA
LAOR-1		T	6/9/94	<0.01	7.2	<0.005	<0.09	0.1	0.001	<0.005	<0.01	<0.01	<0.01	4.7	<0.0002	NA	0.28	0.05	<0.02	0.014	<0.06	<0.005	NA	<0.2	<0.01	<0.2	0.02	0.06
LAO-B		F	6/13/94	<0.01	<0.2	NA	<0.09	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	NA	<0.06	<0.005	17	<0.2	0.06	NA	<0.01	<0.02
		T	6/13/94	<0.01	3.7	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	1.9	<0.0002	<0.01	0.07	<0.01	<0.02	<0.003	<0.06	<0.005	26	<0.2	0.06	NA	<0.01	<0.02
		F	1/17/95	<0.01	<0.2	<0.005	<0.01	<0.1	<0.001	<0.0005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	15	<0.01	0.06	<0.005	<0.01	<0.02
		T	1/17/95	<0.01	1.1	<0.005	0.01	<0.1	<0.001	<0.0005	<0.01	<0.01	<0.01	0.5	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	15	<0.01	0.06	<0.005	<0.01	<0.02
LAO-0.3		T	6/14/94	<0.01	1.2	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	0.6	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	21	<0.2	0.1	NA	<0.01	<0.02
LAO-0.6		T	6/14/94	<0.01	2.5	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.02	0.02	1.3	<0.0002	0.01	0.61	<0.01	<0.02	<0.003	<0.06	<0.005	22	<0.2	0.17	NA	<0.01	0.02
LAO-0.8		T	6/15/94	<0.01	17	<0.005	<0.09	0.1	0.001	<0.005	<0.01	<0.02	<0.01	6.4	<0.0002	0.01	0.14	<0.01	<0.02	0.008	<0.06	<0.005	55	<0.2	0.11	NA	0.01	0.03
LAO-0.91		T	6/16/94	<0.01	1.6	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	0.9	<0.0002	0.01	0.02	0.02	<0.02	<0.003	<0.06	<0.005	21	<0.2	0.11	NA	<0.01	<0.02
Pajarito Canyon																												
PCO-1	o	T	6/22/94	<0.01	0.4	<0.005	<0.09	0.1	<0.001	<0.005	<0.01	<0.02	<0.01	0.4	<0.0002	NA	0.04	<0.01	<0.02	0.007	<0.06	<0.005	NA	<0.2	0.18	<0.2	<0.01	<0.02
PCO-2	o	T	6/22/94	<0.01	270	<0.005	<0.09	2.7	0.018	<0.005	0.2	0.08	0.13	240	0.0004	NA	7.1	<0.01	0.15	0.18	0.07	<0.005	NA	<0.2	0.54	<0.2	0.29	0.67
PCO-3		F	6/20/95	NA	NA	<0.01	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
18-01685		F	8/1/95	NA	NA	<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	NA	<0.0002	<0.01	0.01	<0.01	<0.02	<0.003	<0.02	<0.005	16	0.02	0.12	<0.01	<0.01	<0.02
Mortandad Canyon																												
MCO-5	o	T	6/23/94	<0.01	4.1	<0.005	<0.09	0.1	<0.001	<0.005	<0.01	<0.02	<0.01	2.1	<0.0002	NA	0.04	0.23	<0.02	<0.003	<0.06	<0.005	NA	<0.2	0.12	<0.2	<0.01	<0.02
Pueblo Canyon																												
APCO-1	o	T	6/20/94	<0.01	8.3	0.006	0.31	0.15	<0.001	<0.005	<0.01	<0.02	0.02	5.1	<0.0002	NA	2.8	<0.01	<0.02	0.006	<0.06	<0.005	NA	<0.2	0.14	<0.2	0.02	0.04
Canada de Buey																												
CDBO-6		T	11/29/94	<0.01	3.7	<0.005	0.04	0.2	0.001	0.0006	<0.01	<0.01	0.01	2	0.0002	<0.01	0.12	<0.01	<0.02	0.016	<0.06	<0.005	32	<0.02	0.1	<0.005	<0.01	0.02
		F	8/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
CDBO-7		T	11/29/94	<0.01	9.3	<0.005	0.04	1.4	0.006	<0.0005	<0.01	<0.01	0.01	3.7	<0.0002	<0.01	0.47	<0.01	<0.02	0.026	<0.06	<0.005	46	<0.02	0.23	<0.005	0.02	0.08
PERCHED AQUIFER (SHALLOW VOLCANICS)																												
B1		T	2/2/95	<0.01	6.2	<0.005	0.21	0.8	0.003	<0.0005	0.04	<0.01	0.05	4.6	<0.0002	<0.01	0.56	<0.01	0.06	0.02	<0.06	<0.005	17	<0.02	0.08	<0.005	<0.01	0.47
SUPPLY WELLS																												
Offsite																												
G-1A		T	7/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
G-6		T	7/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
Onsite																												
O-4		T	4/28/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.005	0.01	<0.01	<0.01	0.1	<0.0002	0.04	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	44	<0.2	<0.01	<0.03	0.02	0.05
PM-3																												
(TEST @ 14:32)		T	4/25/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
(TEST @ 13:29)		T	4/26/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
(TEST @ 13:16)		T	4/27/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
(TEST @ 13:21)		T	4/28/94	<0.01	<0.2	<0.06	<0.09	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	<0.01	<0.2	<0.01	<0.02
San Ildefonso Pueblo																												
LA-5	o	T	7/29/94	<0.01	<0.2	<0.06	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.22	<0.2	0.01	0.08
OTOWI HOUSE	o	T	7/29/94	<0.01	<0.2	<0.06	0.05	0.3	<0.001	<0.005	<0.01	<0.01	<0.01	0.2	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.92	<0.2	<0.01	0.1
OLD COMMUNITY	o	T	7/27/94	<0.01	<0.2	<0.06	<0.2	0.2	<0.001	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.01	NA	<0.2	0.49	<0.2	<0.01	<0.02
PAJARITO PUMP 1	o	T	7/27/94	<0.01	<0.2	<0.06	0.3	0.1	<0.001	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.01	NA	<0.2	0.47	<0.2	0.03	<0.02
		T	5/24/95	NA	NA	<0.01	NA	NA	NA	NA	<0.01	NA	NA	NA	<0.0002	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
WESTSIDE ARTESIAN	o	T	7/27/94	<0.01	<0.2	<0.06	1.6	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.2	<0.0002	NA	<0.01	0.05	<0.02	<0.05	<0.06	<0.01	NA	<0.2	0.33	<0.2	<0.01	<0.02
SPRINGS																												
White Rock Canyon																												
ANCHO		F	4/5/94	<0.1	<0.1	<0.001	<0.1	<0.1	<0.1	<0.001	0.003	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	37	<0.1	<0.1	NA	<0.1	<0.01
		T	4/5/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.0005	0.031	<0.01	<0.01	0.2	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	33	<0.2	<0.2	<0.005	<0.01	<0.02
	o	F	9/12/95	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	39	<0.02	0.05	<0.01	<0.01	<0.02
DOE		F	4/6/94	<0.1	<0.1	0.001	<0.1	<0.1	<0.1	<0.001	0.002	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	37	<0.1	<0.1	NA	<0.1	<0.01
		T	4/6/94	<0.01	1	<0.005	<0.09	<0.1	<0.001	<0.0005	<0.002	<0.01	<0.01	1.1	<0.0002	0.02	0.07	<0.01	<0.02	<0.003	<0.06	<0.005	34	<0.2	<0.2	<0.005	0.01	<0.02
		F	4/12/95	<0.01	<0.2	<0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	34	0.02	0.05	<0.01	<0.01	0.02
LA MESITA	o	T	7/28/94	<0.01	0.8	<0.06	0.05	0.1	<0.001	0.007	<0.01	<0.01	<0.01	0.9	<0.0002	NA	0.05	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.78	<0.2	<0.01	0.03
SANDIA		F	4/4/94	<0.1	<0.1	0.002	<0.1	0.2	<0.1	<0.001	<0.001	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	NA	<0.1	0.3	NA	<0.1	0.25
		T	4/4/94	<0.01	0.4	<0.005	<0.09	0.2	<0.001	<0.0005	0.001	<0.01	<0.01	0.7	<0.0002	0.03	0.24	<0.01	<0.02	<0.003	<0.06	<0.005	20	<0.2	0.4	<0.005	<0.01	<0.02
SPRING 1		F	4/4/94	<0.1	<0.1	0.006	<0.1	<0.1	<0.1	<0.001	0.004	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.003	<0.1	<0.001	NA	<0.005	15	<0.1	0.2	NA	<0.1	0.25
		T	4/4/94	<0.01	0.4	0.005	<0.09	<0.1	<0.001	<0.0005	0.006	<0.01	<0.01	1.2	<0.0002	0.04	0.05	<0.01	<0.02	<0.003	<0.06	<0.005	14	<0.2	0.3	<0.005	0.03	<0.02
		F	3/30/95	<0.01	0.9	0.013	0.04	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	2.4	<0.0002	0.04	0.03	<0.01	<0.02	<0.003	<0.06	0.012	15	0.02	0.22	<0.005	0.04	<0.02
		F	6/5/95	<0.01	<0.2	<0.01	0.03	0.3	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.04	<0.01	<0.01	<0.02	<0.003	<0.02	0.005	15	0.03	0.19	<0.01	0.01	0.04
SPRING 2		F	4/4/94	<0.1	<0.1	0.003	<0.1	<0.1	<0.1	0.001	0.003	<0.05	0.02	<0.1	<0.0005	NA	<0.05	0.001	<0.1	0.004	NA	<0.005	26	<0.1	0.2	NA	<0.1	0.19
		T	4/4/94	<0.01	0.4	0.014	<0.09	<0.1	<0.001	<0.0005	0.002	<0.01	<0.01	0.4	<0.0002	0.05	0.01	<0.01	<0.02	<0.003	<0.06	<0.005	17	<0.2	0.2	<0.005	0.05	<0.02
		F	3/30/95	<0.01	1.7	0.021	0.06	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	2	<0.0002	0.05	0.5	<0.01	<0.02	0.005	<0.06	0.014	18	0.02	0.15	<0.005	0.06	<0.02
		F	6/5/95	<0.01	<0.2	0.01	0.04	0.3	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.05	<0.01	<0.01	<0.02	<0.003	<0.02	0.009	16	0.03	0.19	<0.01	0.02	0.02
SPRING 3		F	4/4/94	<0.1	<0.1	0.003	<0.1	<0.1	<0.1	<0.001	0.003	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	25	<0.1	0.2	NA	<0.1	0.19
		T	4/4/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.0005	0.004	<0.01	<0.01	0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	22	<0.2	0.2	<0.0005	0.02	<0.02
	o	F	9/27/94	<0.01	NA	0.004	<0.1	<0.1	<0.1	<0.001	0.003	<0.001	<0.001	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	NA	<0.1	0.2	NA	<0.1	<0.01
		F	4/10/95	<0.01	<0.2	<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	24	0.02	0.23	<0.01	0.01	<0.02
SPRING 3A		F	4/4/94	<0.1	<0.1	0.003	<0.1	<0.1	<0.1	<0.001	0.003	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	NA	<0.1	0.2	NA	<0.1	0.25
	o	F	9/27/94	<0.1	<0.1	0.003	<0.1	<0.1	<0.1	<0.001	0.003	<0.001	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	NA	<0.1	0.2	NA	<0.1	<0.01
		F	4/10/95	<0.01	<0.2	<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	24	0.03	0.22	<0.01	0.01	<0.02
		T	4/10/95	<0.01	<0.2	<0.005	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	23	<0.02	0.22	<0.01	0.02	<0.02
SPRING 3AA		F	5/17/95	<0.01	<0.2	<0.01	0.02	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	21	0.01	0.17	<0.01	0.02	<0.02
SPRING 4		F	4/20/95	<0.01	<0.2	<0.01	0.02	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	0.005	27	0.03	0.13	<0.01	<0.01	<0.02
SPRING 4A		F	4/5/94	<0.1	<0.1	0.001	<0.1	<0.1	<0.1	<0.001	0.003	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	35	<0.1	<0.1	NA	<0.1	<0.01
		T	4/5/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.0005	0.004	<0.01	<0.01	0.2	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	31	<0.2	<0.2	<0.005	<0.01	<0.02
		F	3/24/95	<0.01	<0.2	<0.005	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	31	0.02	0.1	<0.005	<0.01	<0.02
SPRING 4B		F	4/20/95	<0.01	<0.2	<0.01	0.02	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	25	0.02	0.15	<0.01	<0.01	<0.02
SPRING 5		F	4/10/95	<0.01	<0.2	<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	32	<0.03	0.09	<0.01	0.01	<0.02
		T	4/10/95	<0.01	<0.2	<0.005	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	32	0.03	0.09	<0.01	0.01	<0.02
SPRING 5A	o	F	9/12/95	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	30	<0.02	0.19	<0.01	0.01	<0.02
SPRING 5B	o	F	9/12/95	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	32	<0.02	0.09	<0.01	0.01	<0.02
SPRING 6	o	F	9/12/95	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	37	<0.02	0.08	<0.01	<0.01	<0.02
SPRING 6A	o	F	9/12/95	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	39	<0.02	0.04	<0.01	<0.01	<0.02
SPRING 8A		F	4/5/94	<0.1	<0.1	0.001	<0.1	<0.1	<0.1	<0.001	<0.001	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	40	<0.1	<0.1	NA	<0.1	<0.01
		T	4/5/94	<0.01	0.4	<0.005	<0.09	<0.1	<0.001	<0.0005	0.001	<0.01	<0.01	0.4	<0.0006	0.02	0.02	<0.01	<0.02	<0.003	<0.06	<0.005	36	<0.2	<0.2	<0.005	<0.01	<0.02
		F	4/10/95	<0.01	0.3	<0.01	<0.1	<0.01	<0.005	<0.005	<0.01	<0.01	<0.01	0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	38	0.03	0.04	<0.01	0.04	<0.02
SPRING 9A		F	4/6/94	<0.1	<0.1	0.001	<0.1	<0.1	<0.1	<0.001	0.002	<0.05	<0.01	<0.1	<0.0005	NA	<0.05	0.001	<0.1	<0.001	NA	<0.005	36	<0.1	<0.1	NA	<0.1	<0.01
		T	4/6/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.0005	0.004	<0.01	<0.01	0.3	<0.0002	0.03	<0.01	<0.01	<0.02	0.003	<0.06	<0.005	32	<0.2	<0.2	<0.005	<0.01	<0.02
		F	4/11/95	<0.01	<0.2	<0.01	0.02	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	35	0.03	0.05	<0.01	0.01	0.04
SPRING 9B		F	4/12/95	<0.01	<0.2	<0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	35	0.02	0.05	<0.01	0.01	<0.02
		T	4/12/95	<0.01	<0.2	<0.005	0.02	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	34	0.03	0.05	<0.01	0.01	<0.02
Los Alamos Canyon																												
BASALT	o	T	7/28/94	<0.01	<0.2	<0.06	0.22	<0.1	<0.001	<0.005	<0.01	<0.01	0.01	<0.1	<0.0002	NA	0.03	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.18	<0.2	<0.01	0.06
		F	5/3/95	<0.01	0.9	<0.01	0.08	<0.1	<0.005	<0.005	<0.01	<0.01	0.02	0.3	<0.0002	0.01	0.07	0.01	<0.02	<0.003	<0.02	<0.005	26	<0.01	0.06	<0.01	0.01	<0.02
LOS ALAMOS		F	5/3/95	<0.01	<0.2	<0.01	0.04	0.2	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	0.005	17	0.01	0.19	<0.01	0.01	0.03
LA-11.2		F	3/10/95	<0.01	<0.2	<0.005	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.1	<0.0002	0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	29	<0.02	0.06	<0.005	0.01	<0.02
LA-5.19		F	7/14/95	<0.01	0.3	<0.01	0.05	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	0.2	<0.0002	<0.01	0.02	<0.01	<0.02	<0.003	<0.02	<0.005	20	0.01	0.08	<0.01	<0.01	<0.02
Pajarito Canyon & Tributaries																												
UPPER STARMER'S		F	5/19/95	<0.01	1.3	<0.01	<0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.5	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	18	0.01	0.05	<0.01	<0.01	<0.02
CHARLIE'S	o	T	7/22/94	<0.01	0.4	<0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.2	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.005	17	<0.2	0.07	<0.2	<0.01	<0.02
		T	2/24/95	<0.01	2.5	<0.005	0.04	0.2	<0.001	<0.005	<0.01	<0.01	<0.01	1.7	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	21	<0.01	0.09	<0.005	<0.01	0.05
		F	4/28/95	<0.01	0.8	<0.01	0.06	0.5	<0.005	<0.005	<0.01	<0.01	<0.01	0.3	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	15	<0.02	0.08	<0.01	<0.01	0.11
		F	6/14/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		F	11/9/95	NA	<0.2	NA	NA	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	<0.01	NA	NA	NA	NA	NA	17	NA	0.08	NA	<0.01	<0.02
PERKINS		F	4/28/95	<0.01	1	<0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	0.4	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	15	<0.02	0.08	<0.01	<0.01	0.03
		F	5/24/95	<0.01	0.8	<0.01	<0.01	<0.1	<0.005	<0.005	<0.01	<0.01	0.02	0.3	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	18	0.02	0.05	<0.01	<0.01	<0.02
JOSIE		F	5/19/95	<0.01	1.1	<0.01	<0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.4	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	17	<0.01	0.05	<0.01	<0.01	<0.02
STARMER'S	o	T	7/22/94	<0.01	0.6	<0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.4	<0.0002	NA	0.002	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.07	<0.2	<0.01	0.05
		T	2/24/95	<0.01	6.3	<0.005	0.03	0.1	<0.001	<0.005	<0.01	<0.01	<0.01	4.5	<0.0002	<0.01	0.02	<0.01	<0.02	<0.003	<0.06	<0.005	38	0.02	0.1	<0.005	<0.01	0.03
		F	4/28/95	<0.01	1.2	<0.01	<0.01	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	0.6	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	15	<0.02	0.09	<0.01	<0.01	0.03
		F	11/9/95	NA	<0.2	NA	NA	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	<0.01	NA	NA	NA	NA	NA	17	NA	0.07	NA	<0.01	0.02
BRYAN		F	5/19/95	<0.01	1.6	<0.01	<0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.6	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	20	0.01	0.07	<0.01	0.06	<0.02
HOMESTEAD		F	8/9/94	<0.1	2.3	0.001	<0.1	<0.1	<0.1	<0.001	0.003	<0.05	<0.1	1.5	<0.0005	NA	<0.05	<0.1	<0.1	<0.1	NA	<0.005	13	<0.1	<0.1	NA	<0.1	<0.1
		T	2/24/95	<0.01	6.7	<0.005	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	4.9	<0.0002	<0.01	0.02	<0.01	<0.02	<0.003	<0.06	<0.005	45	0.05	0.1	<0.005	<0.01	<0.02
		F	4/28/95	<0.01	0.8	<0.01	0.05	0.4	<0.005	<0.005	<0.01	<0.01	<0.01	0.4	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	15	<0.02	0.09	<0.01	<0.01	0.06
		F	6/22/95	<0.01	0.8	<0.01	<0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.3	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	16	<0.01	0.05	<0.01	<0.01	<0.02
		F	11/9/95	NA	<0.2	NA	NA	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	<0.01	NA	NA	NA	NA	NA	17	NA	0.06	NA	<0.01	<0.02
KIELING		F	5/19/95	<0.01	1.3	<0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	0.5	<0.0002	<0.01	0.01	<0.01	<0.02	<0.003	<0.02	<0.005	19	0.01	0.08	<0.01	<0.01	0.02
BULLDOG		F	8/9/94	<0.1	0.9	0.002	<0.10	<0.1	<0.1	<0.001	0.003	<0.05	<0.1	0.6	<0.0005	NA	0.08	<0.1	<0.1	<0.1	NA	<0.005	17	<0.1	<0.1	NA	<0.1	<0.1
		F	2/24/95	<0.01	0.9	<0.005	0.03	0.2	<0.001	<0.005	<0.01	<0.01	<0.01	0.6	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	20	<0.01	0.11	<0.005	<0.01	0.03
		F	4/28/95	<0.01	1.3	<0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.5	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	19	<0.02	0.11	<0.01	<0.01	0.04
		F	11/9/95	NA	<0.2	NA	NA	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	<0.01	NA	NA	NA	NA	NA	20	NA	0.11	NA	<0.01	<0.02
		F	6/29/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SM-30A	o	F	6/29/95	<0.01	1.2	<0.01	<0.01	0.5	<0.005	<0.005	<0.01	<0.01	<0.01	0.5	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	8.1	<0.01	0.05	<0.01	<0.01	0.14
TA-18		T	3/21/94	<0.01	0.3	<0.06	<0.09	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	3.1	<0.0002	<0.01	0.59	<0.01	<0.02	<0.05	<0.06	<0.1	14	<0.2	0.08	<0.2	<0.01	<0.02
		F	3/13/95	<0.01	<0.2	<0.005	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	1.3	<0.0002	<0.01	0.48	<0.01	<0.02	<0.003	<0.06	<0.005	13	<0.02	0.07	<0.005	<0.01	<0.02
THREEMILE (A)		F	6/23/95	<0.01	1.1	<0.01	<0.01	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	0.4	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	15	<0.01	0.08	<0.01	<0.01	<0.02
THREEMILE (B)		F	6/23/95	<0.01	1	<0.01	<0.01	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	0.4	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	14	<0.01	0.07	<0.01	<0.01	<0.02
Tensite Canyon																												
TS-1.42		F	10/18/95	<0.02	0.57	<0.005	NA	0.12	<0.002	<0.002	<0.002	<0.02	0.0061	1.4	<0.002	NA	0.74	<0.02	<0.05	<0.005	<0.1	<0.005	NA	<0.1	NA	<0.005	<0.02	<0.05
Water Canyon & Tributaries																												
BURNING GROUND		T	8/12/94	<0.10	0.4	0.0005	<0.10	0.3	<0.10	<0.001	0.002	<0.001	<0.01	0.3	<0.0005	NA	<0.05	<0.001	<0.10	<0.001	NA	<0.005	20	<0.10	0.1	NA	<0.10	<0.10
		F	3/17/95	<0.01	0.4	<0.005	<0.01	0.3	<0.001	<0.005	<0.01	<0.01	<0.01	0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	20	<0.02	<0.01	<0.005	<0.01	<0.02
SWSC		T	8/12/94	<0.10	0.3	<0.001	<0.10	0.3	<0.10	<0.001	<0.001	<0.001	<0.01	0.2	<0.0005	NA	<0.001	<0.10	<0.10	<0.001	NA	<0.005	22	<0.10	0.1	NA	<0.10	0.02
		F	3/17/95	<0.01	0.9	<0.005	<0.01	0.3	<0.001	<0.005	<0.01	<0.01	<0.01	0.4	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	22	<0.02	<0.01	<0.005	<0.01	0.04
(duplicate)		F	3/17/95	<0.002	1.1	<0.005	NA	0.33	<0.002	<0.002	<0.002	<0.02	0.005	0.6	<0.00016	NA	<0.02	<0.02	<0.05	<0.005	<0.1	<0.005	NA	<0.1	NA	<0.05	<0.02	<0.05
MARTIN		F	5/12/95	<0.01	<0.2	<0.01	1.4	0.2	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0003	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	23	0.02	0.12	<0.1	<0.01	<0.02
PETER		F	6/2/95	<0.01	<0.2	<0.01	0.04	1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.1	<0.02	<0.003	<0.02	<0.005	18	<0.01	0.11	<0.01	<0.01	0.07
HOLLOW		T	12/9/94	<0.01	14	<0.06	0.03	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	7.1	<0.0002	NA	0.13	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.02	0.05	<0.2	<0.01	0.03
		F	3/17/95	NA	0.2	<0.005	0.03	0.2	<0.001	<0.005	<0.01	<0.01	<0.01	0.1	<0.0002	0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	15	<0.02	0.06	<0.005	<0.01	0.04
FISH LADDER		F	6/2/95	<0.01	2	<0.01	0.2	1.7	<0.005	<0.005	<0.01	<0.01	<0.01	1	<0.0002	0.02	0.01	<0.1	<0.02	0.003	<0.02	0.006	18	<0.01	0.04	<0.01	<0.01	0.06
VA-0.8		T	12/9/94	<0.01	12	<0.06	0.04	0.5	<0.001	<0.005	<0.01	<0.01	<0.01	6.3	<0.0002	NA	0.07	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.02	0.09	<0.2	<0.01	<0.02
WC-6.25		F	8/4/95	NA	<0.2	NA	0.04	0.5	<0.005	NA	<0.01	NA	NA	<0.1	<0.0002	NA	<0.01	NA	NA	<0.003	NA	NA	19	NA	0.12	NA	<0.01	<0.02
Other Springs																												
SACRED	o	T	7/28/94	<0.01	0.9	<0.06	0.03	0.2	<0.001	<0.005	<0.01	<0.01	<0.01	0.9	<0.0002	NA	0.03	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.51	<0.2	<0.01	<0.02
GC-10.8		F	3/26/95	<0.01	1	<0.005	0.02	0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.5	<0.0002	0.01	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005	46	0.03	0.09	<0.005	<0.01	<0.02
		F	10/16/95	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	24	<0.01	0.07	<0.01	<0.01	<0.02
PINE SPRING		F	10/16/95	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	25	<0.01	0.1	<0.01	<0.01	<0.02
GC-0.36	o	F	12/27/94	<0.01	1.1	<0.005	0.02	0.1	<0.001	<0.005	<0.01	<0.01	0.03	0.5	<0.0002	NA	0.07	<0.01	<0.02	<0.003	<0.06	<0.005	NA	<0.02	0.11	<0.005	<0.01	<0.02

o - sample not received at contract laboratory at 4 degrees Celsius
< - symbol indicates that the constituent was not detected above method detection limits
NA - Not analyzed or applicable
Note: Shaded dates indicate the sample was acidified prior to filtration or analysis, and represents total metals.
T: indicates that the sample was acidified prior to filtration or analysis, and represents total metals.
F: indicates that the sample was filtered through a 0.45 micron filter prior to acidification or analysis, and represents dissolved metals.

WELLS

SAMPLE ID:	LAOI(A)-1.1		PCO-3		PAJARITO PUMP 2		HALLADAY HOUSE	
SAMPLING DATE:	11/1/95		6/20/95		5/24/95		5/24/95	
ANALYTE	RESULT (u	DL	RESULT (u	DL	RESULT (u	DL	RESULT (u	DL
ACETONE	BDL	10	NA	-	NA	-	NA	-
BENZENE	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5
BROMOBENZENE	NA	-	NA	-	NA	-	NA	-
BROMOCHLOROMET	NA	-	NA	-	NA	-	NA	-
BROMODICHLOROME	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
BROMOFORM	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5
BROMOMETHANE	BDL	10	BDL	1	BDL	1	BDL	1
2-BUTANONE (MEK)	BDL	10	NA	-	NA	-	NA	-
n-BUTYLBENZENE	NA	-	NA	-	NA	-	NA	-
sec-BUTYLBENZENE	NA	-	NA	-	NA	-	NA	-
tert-BUTYLBENZENE	NA	-	NA	-	NA	-	NA	-
tert-BUTYL METHYL E	NA	-	NA	-	NA	-	NA	-
CARBON DISULFIDE	BDL	5	NA	-	NA	-	NA	-
CARBON TETRACHL	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
CHLOROBENZENE	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5
CHLOROETHANE	BDL	10	BDL	0.5	BDL	0.5	BDL	0.5
CHLOROFORM	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5
CHLOROMETHANE	BDL	10	BDL	1	BDL	1	BDL	1
2-CHLOROTOLUENE	NA	-	NA	-	NA	-	NA	-
4-CHLOROTOLUENE	NA	-	NA	-	NA	-	NA	-
1,2-DIBROMO-3-CHLC	NA	-	NA	-	NA	-	NA	-
DIBROMOCHLOROME	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
1,2-DIBROMOETHANE	NA	-	BDL	0.2	BDL	0.2	BDL	0.2
DIBROMOMETHANE	NA	-	NA	-	NA	-	NA	-
1,2-DICHLOROBENZE	NA	-	BDL	0.5	BDL	0.5	BDL	0.5
1,3-DICHLOROBENZE	NA	-	BDL	0.5	BDL	0.5	BDL	0.5
1,4-DICHLOROBENZE	NA	-	BDL	0.5	BDL	0.5	BDL	0.5
DICHLORODIFLUORC	NA	-	NA	-	NA	-	NA	-
1,1-DICHLOROETHAN	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
1,2-DICHLOROETHAN	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5
1,1-DICHLOROETHEN	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
CIS--1,2-DICHLOROE	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
TRANS--1,2-DICHLOR	BDL	5	BDL	1	BDL	1	BDL	1
1,2-DICHLOROPROPA	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
CIS--1,3-DICHLOROP	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
2,2-DICHLOROPROPA	NA	-	NA	-	NA	-	NA	-
2,2-DICHLOROPROPE	NA	-	NA	-	NA	-	NA	-
TRANS--1,3-DICHLOR	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
ETHYLBENZENE	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5
2-HEXANONE	BDL	10	NA	-	NA	-	NA	-
HEXACHLOROBUTAD	NA	-	NA	-	NA	-	NA	-
ISOPROPYLBENZENE	NA	-	NA	-	NA	-	NA	-
METHYL-t-BUTYL ETH	NA	-	BDL	2.5	BDL	2.5	BDL	2.5
4-METHYL-2-PENTAN	BDL	10	NA	-	NA	-	NA	-
1-METHYLNAPHTHAL	NA	-	NA	-	NA	-	NA	-
2-METHYLNAPHTHAL	NA	-	NA	-	NA	-	NA	-
4-ISOPROPYLTOLUE	NA		NA	-	NA	-	NA	-
METHYLENE CHLORI	BDL	5	BDL	2	BDL	2	BDL	2
NAPHTHALENE	NA		NA	-	NA	-	NA	-
PROPYLBENZENE	NA		NA	-	NA	-	NA	-
STYRENE	BDL	5	NA	-	NA	-	NA	-
1,1,1,2-TETRACHLOR	BDL	5	NA	-	NA	-	NA	-
1,1,2,2-TETRACHLOR	NA		BDL	0.2	BDL	0.2	BDL	0.2
TETRACHLOROETHE	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5
TETRAHYDROFURAN	NA		NA	-	NA	-	NA	-
TOLUENE	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5
1,2,3-TRICHLOROBEN	NA	-	NA	-	NA	-	NA	-
1,2,4-TRICHLOROBEN	NA	-	NA	-	NA	-	NA	-
1,1,1-TRICHLOROETH	BDL	5	BDL	1	BDL	1	BDL	1
1,1,2-TRICHLOROETH	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
TRICHLOROETHENE	BDL	5	BDL	0.2	BDL	0.2	BDL	0.2
TRICHLOROFLUORO	NA	-	BDL	0.2	BDL	0.2	BDL	0.2
1,2,3-TRICHLOROPR	NA	-	NA	-	NA	-	NA	-
1,1,2-TRICHLORO-2,2	NA	-	NA	-	NA	-	NA	-
1,2,4-TRIMETHYLBEN	NA	-	NA	-	NA	-	NA	-
1,3,5-TRIMETHYLBEN	NA	-	NA	-	NA	-	NA	-
VINYL ACETATE	BDL	10	NA	-	NA	-	NA	-
VINYL CHLORIDE	BDL	10	BDL	0.5	BDL	0.5	BDL	0.5
o-XYLENE	NA	-	NA	-	NA	-	NA	-
p- & m-XYLENE	NA	-	NA	-	NA	-	NA	-
TOTAL XYLENES	BDL	5	BDL	0.5	BDL	0.5	BDL	0.5

DL - Method detection limit
BDL- Below method detection limit
NA - Not analyzed

SPRINGS

SAMPLE ID:	CHARLIE'S		JOSIE		STARMER'S		HOMESTEAD	
SAMPLING DATE:	5/19/95		5/19/95		7/7/95		5/19/95	
ANALYTE	RESULT (u	DL	RESULT (u	DL	RESULT (u	DL	RESULT (u	DL
ACETONE	NA	-	NA	-	NA	-	NA	-
BENZENE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
BROMOBENZENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
BROMOCHLOROMET	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
BROMODICHLOROME	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
BROMOFORM	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
BROMOMETHANE	BDL	0.5	BDL	0.5	BDL	1	BDL	0.5
2-BUTANONE (MEK)	BDL	5	BDL	5	NA	-	BDL	5
n-BUTYLBENZENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
sec-BUTYLBENZENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
tert-BUTYLBENZENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
tert-BUTYL METHYL E	BDL	5	BDL	5	NA	-	BDL	5
CARBON DISULFIDE	NA	-	NA	-	NA	-	NA	-
CARBON TETRACHL	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
CHLOROBENZENE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
CHLOROETHANE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
CHLOROFORM	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
CHLOROMETHANE	BDL	0.5	BDL	0.5	BDL	1	BDL	0.5
2-CHLOROTOLUENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
4-CHLOROTOLUENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,2-DIBROMO-3-CHLC	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
DIBROMOCHLOROME	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
1,2-DIBROMOETHANE	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
DIBROMOMETHANE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,2-DICHLOROBENZE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
1,3-DICHLOROBENZE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
1,4-DICHLOROBENZE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
DICHLORODIFLUORC	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,1-DICHLOROETHAN	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
1,2-DICHLOROETHAN	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
1,1-DICHLOROETHEN	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
CIS--1,2-DICHLOROE	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
TRANS--1,2-DICHLOR	BDL	0.5	BDL	0.5	BDL	1	BDL	0.5
1,2-DICHLOROPROPA	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
CIS--1,3-DICHLOROP	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
2,2-DICHLOROPROPA	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
2,2-DICHLOROPROPE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
TRANS--1,3-DICHLOR	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
ETHYLBENZENE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
2-HEXANONE	NA	-	NA	-	NA	-	NA	-
HEXACHLOROBUTAD	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
ISOPROPYLBENZENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
METHYL-t-BUTYL ETH	NA	-	NA	-	BDL	2.5	NA	-
4-METHYL-2-PENTAN	NA	-	NA	-	NA	-	NA	-
1-METHYLNAPHTHAL	NA	-	NA	-	NA	-	NA	-
2-METHYLNAPHTHAL	NA	-	NA	-	NA	-	NA	-
4-ISOPROPYLTOLUE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
METHYLENE CHLORI	BDL	0.5	BDL	0.5	BDL	2	BDL	0.5
NAPHTHALENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
PROPYLBENZENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
STYRENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,1,1,2-TETRACHLOR	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,1,2,2-TETRACHLOR	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
TETRACHLOROETHE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
TETRAHYDROFURAN	BDL	5	BDL	5	NA	-	BDL	5
TOLUENE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
1,2,3-TRICHLOROBEN	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,2,4-TRICHLOROBEN	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,1,1-TRICHLOROETH	BDL	0.5	BDL	0.5	BDL	1	BDL	0.5
1,1,2-TRICHLOROETH	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
TRICHLOROETHENE	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
TRICHLOROFLUORO	BDL	0.5	BDL	0.5	BDL	0.2	BDL	0.5
1,2,3-TRICHLOROPR	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,1,2-TRICHLORO-2,2	NA	-	NA	-	NA	-	NA	-
1,2,4-TRIMETHYLBEN	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
1,3,5-TRIMETHYLBEN	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
VINYL ACETATE	NA	-	NA	-	NA	-	NA	-
VINYL CHLORIDE	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
o-XYLENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
p- & m-XYLENE	BDL	0.5	BDL	0.5	NA	-	BDL	0.5
TOTAL XYLENES	BDL	1	BDL	1	BDL	0.5	BDL	1

DL - Method detection limit
BDL- Below method detection limit
NA - Not analyzed

SPRINGS--continued

SAMPLE ID:	BULLDOG		SM-30		SM-30A		TA-18	
SAMPLING DATE:	5/19/95		2/2/95		6/29/95		3/21/94	
ANALYTE	RESULT (u	DL	RESULT (u	DL	RESULT (u	DL	RESULT (u	DL
ACETONE	NA	-	BDL	10	NA	-	NA	-
BENZENE	BDL	0.5	BDL	5	BDL	0.5	BDL	0.5
BROMOBENZENE	BDL	0.5	NA	-	NA	-	BDL	0.5
BROMOCHLOROMET	BDL	0.5	NA	-	NA	-	BDL	0.5
BROMODICHLOROME	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
BROMOFORM	BDL	0.5	BDL	5	BDL	0.5	BDL	0.5
BROMOMETHANE	BDL	0.5	BDL	10	BDL	1	BDL	0.5
2-BUTANONE (MEK)	BDL	5	BDL	10	NA	-	BDL	5
n-BUTYLBENZENE	BDL	0.5	NA	-	NA	-	BDL	0.5
sec-BUTYLBENZENE	BDL	0.5	NA	-	NA	-	BDL	0.5
tert-BUTYLBENZENE	BDL	0.5	NA	-	NA	-	BDL	0.5
tert-BUTYL METHYL E	BDL	5	NA	-	NA	-	BDL	5
CARBON DISULFIDE	NA	-	BDL	5	NA	-	NA	-
CARBON TETRACHL	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
CHLOROBENZENE	BDL	0.5	BDL	5	BDL	0.5	BDL	0.5
CHLOROETHANE	BDL	0.5	BDL	10	BDL	0.5	BDL	0.5
CHLOROFORM	BDL	0.5	BDL	5	BDL	0.5	BDL	0.5
CHLOROMETHANE	BDL	0.5	BDL	10	BDL	1	BDL	0.5
2-CHLOROTOLUENE	BDL	0.5	NA	-	NA	-	BDL	0.5
4-CHLOROTOLUENE	BDL	0.5	NA	-	NA	-	BDL	0.5
1,2-DIBROMO-3-CHLC	BDL	0.5	NA	-	NA	-	BDL	0.5
DIBROMOCHLOROME	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
1,2-DIBROMOETHANE	BDL	0.5	NA	-	BDL	0.2	BDL	0.5
DIBROMOMETHANE	BDL	0.5	NA	-	NA	-	BDL	0.5
1,2-DICHLOROBENZE	BDL	0.5	NA	-	BDL	0.5	BDL	0.5
1,3-DICHLOROBENZE	BDL	0.5	NA	-	BDL	0.5	BDL	0.5
1,4-DICHLOROBENZE	BDL	0.5	NA	-	BDL	0.5	BDL	0.5
DICHLORODIFLUORC	BDL	0.5	NA	-	NA	-	BDL	0.5
1,1-DICHLOROETHAN	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
1,2-DICHLOROETHAN	BDL	0.5	BDL	5	BDL	0.5	BDL	0.5
1,1-DICHLOROETHEN	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
CIS--1,2-DICHLOROE	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
TRANS--1,2-DICHLOR	BDL	0.5	BDL	5	BDL	1	BDL	0.5
1,2-DICHLOROPROPA	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
CIS--1,3-DICHLOROP	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
2,2-DICHLOROPROPA	BDL	0.5	NA	-	NA	-	BDL	0.5
2,2-DICHLOROPROPE	BDL	0.5	NA	-	NA	-	BDL	0.5
TRANS--1,3-DICHLOR	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
ETHYLBENZENE	BDL	0.5	BDL	5	BDL	0.5	BDL	0.5
2-HEXANONE	NA	-	BDL	10	NA	-	NA	-
HEXACHLOROBUTAD	BDL	0.5	NA	-	NA	-	BDL	0.5
ISOPROPYLBENZENE	BDL	0.5	NA	-	NA	-	BDL	0.5
METHYL-t-BUTYL ETH	NA	-	NA	-	BDL	2.5	NA	-
4-METHYL-2-PENTAN	NA	-	BDL	10	NA	-	NA	-
1-METHYLNAPHTHAL	NA	-	NA	-	NA	-	NA	-
2-METHYLNAPHTHAL	NA	-	NA	-	NA	-	NA	-
4-ISOPROPYLTOLUE	BDL	0.5	NA		NA	-	BDL	0.5
METHYLENE CHLORI	BDL	0.5	BDL	5	BDL	2	BDL	0.5
NAPHTHALENE	BDL	0.5	NA		NA	-	BDL	0.5
PROPYLBENZENE	BDL	0.5	NA		NA	-	BDL	0.5
STYRENE	BDL	0.5	BDL	5	NA	-	BDL	0.5
1,1,1,2-TETRACHLOR	BDL	0.5	BDL	5	NA	-	BDL	0.5
1,1,2,2-TETRACHLOR	BDL	0.5	NA		BDL	0.2	BDL	0.5
TETRACHLOROETHE	BDL	0.5	BDL	5	BDL	0.5	BDL	0.5
TETRAHYDROFURAN	BDL	5	NA		NA	-	BDL	5
TOLUENE	BDL	0.5	BDL	5	BDL	0.5	BDL	0.5
1,2,3-TRICHLOROBEN	BDL	0.5	NA	-	NA	-	BDL	0.5
1,2,4-TRICHLOROBEN	BDL	0.5	NA	-	NA	-	BDL	0.5
1,1,1-TRICHLOROETH	BDL	0.5	BDL	5	BDL	1	BDL	0.5
1,1,2-TRICHLOROETH	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
TRICHLOROETHENE	BDL	0.5	BDL	5	BDL	0.2	BDL	0.5
TRICHLOROFLUORO	BDL	0.5	NA	-	BDL	0.2	BDL	0.5
1,2,3-TRICHLOROPR	BDL	0.5	NA	-	NA	-	BDL	0.5
1,1,2-TRICHLORO-2,2	NA	-	NA	-	NA	-	NA	-
1,2,4-TRIMETHYLBEN	BDL	0.5	NA	-	NA	-	BDL	0.5
1,3,5-TRIMETHYLBEN	BDL	0.5	NA	-	NA	-	BDL	0.5
VINYL ACETATE	NA	-	BDL	10	NA	-	NA	-
VINYL CHLORIDE	BDL	0.5	BDL	10	BDL	0.5	BDL	0.5
o-XYLENE	BDL	0.5	NA	-	NA	-	BDL	0.5
p- & m-XYLENE	BDL	0.5	NA	-	NA	-	BDL	0.5
TOTAL XYLENES	BDL	1	BDL	5	BDL	0.5	BDL	1

DL - Method detection limit
BDL- Below method detection limit
NA - Not analyzed

SPRINGS--continued

SAMPLE ID:	THREEMILE (A)		THREEMILE (B)		TS-1.42		BURNING GROUND	
SAMPLING DATE:	6/23/95		6/23/95		10/18/95		3/17/95	
ANALYTE	RESULT (u	DL	RESULT (u	DL	RESULT (u	DL	RESULT (u	DL
ACETONE	NA	-	NA	-	BDL	10	BDL	5
BENZENE	BDL	0.5	BDL	0.5	BDL	5	BDL	1
BROMOBENZENE	NA	-	NA	-	NA	-	BDL	1
BROMOCHLOROMET	NA	-	NA	-	NA	-	BDL	1
BROMODICHLOROME	BDL	0.2	BDL	0.2	BDL	5	BDL	1
BROMOFORM	BDL	0.5	BDL	0.5	BDL	5	BDL	1
BROMOMETHANE	BDL	1	BDL	1	BDL	10	BDL	1
2-BUTANONE (MEK)	NA	-	NA	-	BDL	10	BDL	5
n-BUTYLBENZENE	NA	-	NA	-	NA	-	BDL	1
sec-BUTYLBENZENE	NA	-	NA	-	NA	-	BDL	1
tert-BUTYLBENZENE	NA	-	NA	-	NA	-	BDL	1
tert-BUTYL METHYL E	NA	-	NA	-	NA	-	BDL	5
CARBON DISULFIDE	NA	-	NA	-	BDL	5	NA	-
CARBON TETRACHL	BDL	0.2	BDL	0.2	BDL	5	BDL	1
CHLOROBENZENE	BDL	0.5	BDL	0.5	BDL	5	BDL	1
CHLOROETHANE	BDL	0.5	BDL	0.5	BDL	10	BDL	1
CHLOROFORM	BDL	0.5	BDL	0.5	BDL	5	BDL	1
CHLOROMETHANE	BDL	1	BDL	1	BDL	10	BDL	1
2-CHLOROTOLUENE	NA	-	NA	-	NA	-	BDL	1
4-CHLOROTOLUENE	NA	-	NA	-	NA	-	BDL	1
1,2-DIBROMO-3-CHLC	NA	-	NA	-	NA	-	BDL	1
DIBROMOCHLOROME	BDL	0.2	BDL	0.2	BDL	5	BDL	1
1,2-DIBROMOETHANE	BDL	0.2	BDL	0.2	NA	-	BDL	1
DIBROMOMETHANE	NA	-	NA	-	NA	-	BDL	1
1,2-DICHLOROBENZE	BDL	0.5	BDL	0.5	NA	-	BDL	1
1,3-DICHLOROBENZE	BDL	0.5	BDL	0.5	NA	-	BDL	1
1,4-DICHLOROBENZE	BDL	0.5	BDL	0.5	NA	-	BDL	1
DICHLORODIFLUORC	NA	-	NA	-	NA	-	BDL	1
1,1-DICHLOROETHAN	BDL	0.2	BDL	0.2	BDL	5	BDL	1
1,2-DICHLOROETHAN	BDL	0.5	BDL	0.5	BDL	5	BDL	1
1,1-DICHLOROETHEN	BDL	0.2	BDL	0.2	BDL	5	BDL	1
CIS--1,2-DICHLOROE	BDL	0.2	BDL	0.2	BDL	5	BDL	1
TRANS--1,2-DICHLOR	BDL	1	BDL	1	BDL	5	BDL	1
1,2-DICHLOROPROPA	BDL	0.2	BDL	0.2	BDL	5	BDL	1
CIS--1,3-DICHLOROP	BDL	0.2	BDL	0.2	BDL	5	BDL	1
2,2-DICHLOROPROPA	NA	-	NA	-	NA	-	BDL	1
2,2-DICHLOROPROPE	NA	-	NA	-	NA	-	BDL	1
TRANS--1,3-DICHLOR	BDL	0.2	BDL	0.2	BDL	5	BDL	1
ETHYLBENZENE	BDL	0.5	BDL	0.5	BDL	5	BDL	1
2-HEXANONE	NA	-	NA	-	BDL	10	NA	-
HEXACHLOROBUTAD	NA	-	NA	-	NA	-	BDL	1
ISOPROPYLBENZENE	NA	-	NA	-	NA	-	BDL	1
METHYL-t-BUTYL ETH	BDL	2.5	BDL	2.5	NA	-	NA	-
4-METHYL-2-PENTAN	NA	-	NA	-	BDL	10	NA	-
1-METHYLNAPHTHAL	NA	-	NA	-	NA	-	BDL	1
2-METHYLNAPHTHAL	NA	-	NA	-	NA	-	BDL	1
4-ISOPROPYLTOLUE	NA	-	NA	-	NA		BDL	1
METHYLENE CHLORI	BDL	2	BDL	2	BDL	5	BDL	1
NAPHTHALENE	NA	-	NA	-	NA		BDL	1
PROPYLBENZENE	NA	-	NA	-	NA		BDL	1
STYRENE	NA	-	NA	-	BDL	5	BDL	1
1,1,1,2-TETRACHLOR	NA	-	NA	-	BDL	5	BDL	1
1,1,2,2-TETRACHLOR	BDL	0.2	BDL	0.2	NA		BDL	1
TETRACHLOROETHE	BDL	0.5	BDL	0.5	BDL	5	2.8	1
TETRAHYDROFURAN	NA	-	NA	-	NA		BDL	5
TOLUENE	BDL	0.5	BDL	0.5	BDL	5	BDL	1
1,2,3-TRICHLOROBEN	NA	-	NA	-	NA	-	BDL	1
1,2,4-TRICHLOROBEN	NA	-	NA	-	NA	-	BDL	1
1,1,1-TRICHLOROETH	BDL	1	BDL	1	BDL	5	BDL	1
1,1,2-TRICHLOROETH	BDL	0.2	BDL	0.2	BDL	5	BDL	1
TRICHLOROETHENE	BDL	0.2	BDL	0.2	BDL	5	2.6	1
TRICHLOROFLUORO	BDL	0.2	BDL	0.2	NA	-	BDL	1
1,2,3-TRICHLOROPR	NA	-	NA	-	NA	-	BDL	1
1,1,2-TRICHLORO-2,2	NA	-	NA	-	NA	-	BDL	1
1,2,4-TRIMETHYLBEN	NA	-	NA	-	NA	-	BDL	1
1,3,5-TRIMETHYLBEN	NA	-	NA	-	NA	-	BDL	1
VINYL ACETATE	NA	-	NA	-	BDL	10	NA	-
VINYL CHLORIDE	BDL	0.5	BDL	0.5	BDL	10	BDL	1
o-XYLENE	NA	-	NA	-	NA	-	BDL	1
p- & m-XYLENE	NA	-	NA	-	NA	-	BDL	1
TOTAL XYLENES	BDL	0.5	BDL	0.5	BDL	5	NA	-

DL - Method detection limit
BDL- Below method detection limit
NA - Not analyzed

WELLS

SAMPLE ID: LAOI(A)-1.1
SAMPLING DATE: 11/1/95

ANALYTE	RESULT (u	DL
1,2,4,-TRICHLOROBE	ND	20
1,2,4,5-TETRACHLOR	NA	-
1,2-DICHLOROBENZE	ND	20
1,2-DIPHENYLHYDRA	NA	-
1,3,-DICHLOROBENZI	ND	20
1,4,-DICHLOROBENZI	ND	20
1-CHLORONAPTHALE	NA	-
1-NAPTHYLAMINE	NA	-
2,2,3,3,4,5,6,6-OCTAC	NA	-
2,2,3,3,4,4,6-HEPTACI	NA	-
2,2,4,4,5,6-HEXACHL(	NA	-
2,2,3,4,6-PENTACHLO	NA	-
2,2,4,4-TETRACHLOR	NA	-
2,3,4,6-TETRACHLOR	NA	-
2,4,5-TRICHLOROBIP	NA	-
2,4,5-TRICHLOROPHE	ND	100
2,4,6-TRICHLOROPHE	ND	20
2,3-DICHLOROBIPHE	NA	-
2,4-DICHLOROPHEN(	ND	20
2,4-DIMETHYLPHENO	ND	20
2,4-DINITROPHENOL	ND	100
2,4-DINITROTOLUENE	ND	20
2,6-DICHLOROPHEN(	NA	-
2,6-DINITROTOLUENE	ND	20
2-CHLORONAPHTHA	ND	20
2-CHLOROBIPHENYL	NA	-
2-CHLOROPHENOL	ND	20
2-METHYLNAPHTHAL	ND	20
2-METHYLPHENOL	ND	20
2-NAPTHYLAMINE	NA	-
2-NITROANILINE	ND	100
2-NITROPHENOL	ND	20
2-PICOLINE	NA	-
3,3-DICHOLOROBEN	ND	100
3-METHYLCHOLANTH	NA	-
3-NITROANILINE	ND	100
4,6-DINITRO-2-METHY	ND	100
4-AMINOBIPHENYL	NA	-
4-BROMOPHENYL PH	ND	20
4-CHLORO-3-METHYL	ND	20
4-CHLOROANILINE	ND	50
4-CHLOROPHENYL P	ND	20
4-METHYLPHENOL	ND	20
4-NITROANILINE	ND	100
4-NITROPHENOL	ND	100
7,12-DIMETHYLBENZ	NA	-
A-,A-DIMETHYLPENE	NA	-
ACENAPHTHENE	ND	20
ACENAPHTHYLENE	ND	20
ACETOPHENONE	NA	-
ALACHLOR	NA	-
ALDRINE	NA	-
ALPHA-CHLORDANE	NA	-
ANILINE	ND	50
ANTHRACENE	ND	20
AROCLOR 1016	ND	0.5
AROCLOR 1221	ND	0.5
AROCLOR 1232	ND	0.5
AROCLOR 1242	ND	0.5
AROCLOR 1248	ND	0.5
AROCLOR 1254	ND	0.5
AROCLOR 1260	ND	0.5
ATRAZINE	NA	-
AZOBENZENE	ND	20
BENZIDINE	ND	100
BENZO(A)ANTHRACE	ND	20
BENZO(A)PYRENE	ND	20

ANALYTE--continued	RESULT (u	DL
BENZO(B)FLUORANT	ND	20
BENZO(G,H,I)PERYLE	ND	20
BENZO(K)FLUORANT	ND	20
BENZOIC ACID	ND	100
BENZYL ALCOHOL	ND	20
BIS (2-CHLOROETHO	ND	20
BIS (2-CHLOROETHY	ND	20
BIS (2-CHLOROISOP	ND	20
BIS(2-ETHYLHEXYL)F	ND	20
BUTYL BENZYL PHTH	ND	20
BUTACHLOR	NA	-
CARBAZOLE	ND	20
CHLORDANE (TOTAL	NA	-
CHRYSENE	ND	20
DI(2 ETHYLHEXYL) A	NA	-
DI(2 ETHYLHEXYL) P	NA	-
DI-N-BUTYL PHTHAL	ND	20
DI-N-OCTYL PHTHAL	ND	20
DIBENZO(A,H)ANTHR	ND	20
DIBENZO(A,J)ACRIDI	NA	-
DIBENZOFURAN	ND	20
DIELDRIN	NA	-
DIETHYL PHTHALATE	ND	20
DIMETHYL PHTHALA	ND	20
DIPHENYLAMINE	NA	-
ENDRIN	NA	-
FLUORANTHENE	ND	20
FLUORENE	ND	20
GAMMA-CHLORDANE	NA	-
HEPTACHLOR	NA	-
HEPTACHLOR EPOXI	NA	-
HEXACHLOROBENZE	ND	20
HEXACHLOROBUTAD	ND	20
HEXACHLOROCYCLO	ND	20
HEXACHLOROETHAN	ND	20
INDENO(1,2,3-CD)PY	ND	20
ISOPHORONE	ND	20
LINDANE	NA	-
N-NITROSO-DI-N-PRO	ND	20
N-NITROSODI-N-BUT	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIMETHY	ND	20
N-NITROSODIPHENY	ND	20
N-NITROSOPIPERIDI	NA	-
NAPHTHALENE	ND	20
NITROBENZENE	ND	20
METOLACHLOR	NA	-
METHOXYCHLOR	NA	-
METRIBUZIN	NA	-
P-DIMETHYLAMINOA	NA	-
PENTACHLOROBENZ	NA	-
PENTACHLORONITR	NA	-
PENTACHLOROPHEN	ND	100
PHENACETIN	NA	-
PHENANTHRENE	ND	20
PHENOL	ND	20
PRONAMIDE	NA	-
PROPACHLOR	NA	-
PYRENE	ND	20
PYRIDINE	ND	20
SIMAZINE	NA	-
TOXAPHENE MIXTUR	NA	-
TRANS NONACHLOR	NA	-

DL - Method detection limit
B - Indicates compound was detected in lab blank as well as in the sample
J - Indicates an estimated value for tentatively identified components, or compounds detected and identified but pres

SPRINGS

SAMPLE ID: SM-30A
SAMPLING DATE: 6/29/95

ANALYTE	RESULT (u	DL
1,2,4,-TRICHLOROBE	ND	10
1,2,4,5-TETRACHLOR	ND	10
1,2-DICHLOROBENZE	ND	10
1,2-DIPHENYLHYDRA	ND	10
1,3,-DICHLOROBENZI	ND	10
1,4,-DICHLOROBENZI	ND	10
1-CHLORONAPTHALE	ND	10
1-NAPTHYLAMINE	ND	10
2,2,3,3,4,5,6,6-OCTAC	NA	-
2,2,3,3,4,4,6-HEPTACI	NA	-
2,2,4,4,5,6-HEXACHL(	NA	-
2,2,3,4,6-PENTACHLO	NA	-
2,2,4,4-TETRACHLOR	NA	-
2,3,4,6-TETRACHLOR	ND	10
2,4,5-TRICHLOROBIP	NA	-
2,4,5-TRICHLOROPHE	ND	50
2,4,6-TRICHLOROPHE	ND	10
2,3-DICHLOROBIPHE	NA	-
2,4-DICHLOROPHEN(	ND	10
2,4-DIMETHYLPHENO	ND	10
2,4-DINITROPHENOL	ND	50
2,4-DINITROTOLUENE	ND	10
2,6-DICHLOROPHEN(	ND	10
2,6-DINITROTOLUENE	ND	10
2-CHLORONAPHTHA	ND	10
2-CHLOROBIPHENYL	NA	-
2-CHLOROPHENOL	ND	10
2-METHYLNAPHTHAL	ND	10
2-METHYLPHENOL	ND	10
2-NAPTHYLAMINE	ND	10
2-NITROANILINE	ND	10
2-NITROPHENOL	ND	10
2-PICOLINE	ND	10
3,3-DICHOLOROBEN	ND	50
3-METHYLCHOLANTH	ND	10
3-NITROANILINE	ND	10
4,6-DINITRO-2-METHY	ND	50
4-AMINOBIPHENYL	ND	10
4-BROMOPHENYL PH	ND	10
4-CHLORO-3-METHYL	ND	10
4-CHLOROANILINE	ND	10
4-CHLOROPHENYL P	ND	10
4-METHYLPHENOL	ND	10
4-NITROANILINE	ND	10
4-NITROPHENOL	ND	50
7,12-DIMETHYLBENZ	ND	10
A-,A-DIMETHYLPENE	ND	10
ACENAPHTHENE	ND	10
ACENAPHTHYLENE	ND	10
ACETOPHENONE	ND	10
ALACHLOR	NA	-
ALDRINE	NA	-
ALPHA-CHLORDANE	NA	-
ANILINE	ND	10
ANTHRACENE	ND	10
AROCLOR 1016	NA	-
AROCLOR 1221	NA	-
AROCLOR 1232	NA	-
AROCLOR 1242	NA	-
AROCLOR 1248	NA	-
AROCLOR 1254	NA	-
AROCLOR 1260	NA	-
ATRAZINE	NA	-
AZOBENZENE	ND	NA
BENZIDINE	ND	10
BENZO(A)ANTHRACE	ND	10
BENZO(A)PYRENE	ND	10

ANALYTE--continued	RESULT (u	DL
BENZO(B)FLUORANT	ND	10
BENZO(G,H,I)PERYLE	ND	10
BENZO(K)FLUORANT	ND	10
BENZOIC ACID	ND	50
BENZYL ALCOHOL	ND	10
BIS (2-CHLOROETHO	ND	10
BIS (2-CHLOROETHY	ND	10
BIS (2-CHLOROISOP	ND	10
BIS(2-ETHYLHEXYL)F	ND	10
BUTYL BENZYL PHTH	ND	10
BUTACHLOR	NA	-
CARBAZOLE	ND	NA
CHLORDANE (TOTAL	NA	-
CHRYSENE	ND	10
DI(2 ETHYLHEXYL) A	NA	-
DI(2 ETHYLHEXYL) P	NA	-
DI-N-BUTYL PHTHAL	ND	10
DI-N-OCTYL PHTHAL	ND	10
DIBENZO(A,H)ANTHR	ND	10
DIBENZO(A,J)ACRIDI	ND	10
DIBENZOFURAN	ND	10
DIELDRIN	NA	-
DIETHYL PHTHALATE	ND	10
DIMETHYL PHTHALA	ND	10
DIPHENYLAMINE	ND	10
ENDRIN	NA	-
FLUORANTHENE	ND	10
FLUORENE	ND	10
GAMMA-CHLORDANE	NA	-
HEPTACHLOR	NA	-
HEPTACHLOR EPOXI	NA	-
HEXACHLOROBENZE	ND	10
HEXACHLOROBUTAD	ND	10
HEXACHLOROCYCLO	ND	10
HEXACHLOROETHAN	ND	10
INDENO(1,2,3-CD)PY	ND	10
ISOPHORONE	ND	10
LINDANE	NA	-
N-NITROSO-DI-N-PRO	ND	10
N-NITROSODI-N-BUT	ND	10
N-NITROSODIMETHY	ND	10
N-NITROSODIMETHY	ND	10
N-NITROSODIPHENY	ND	10
N-NITROSOPIPERIDI	ND	10
NAPHTHALENE	ND	10
NITROBENZENE	ND	10
METOLACHLOR	NA	-
METHOXYCHLOR	NA	-
METRIBUZIN	NA	-
P-DIMETHYLAMINOA	ND	10
PENTACHLOROBENZ	ND	10
PENTACHLORONITR	ND	10
PENTACHLOROPHEN	ND	50
PHENACETIN	ND	10
PHENANTHRENE	ND	10
PHENOL	ND	10
PRONAMIDE	ND	10
PROPACHLOR	NA	-
PYRENE	ND	10
PYRIDINE	ND	NA
SIMAZINE	NA	-
TOXAPHENE MIXTUR	NA	-
TRANS NONACHLOR	NA	-

DL - Method detection limit
B - Indicates compound was detected in lab blank as well as in the sample
J - Indicates an estimated value for tentatively identified components, or compounds detected and identified but pres

SPRINGS--continued

SAMPLE ID: TA-18
SAMPLING DATE: 3/21/94

ANALYTE	RESULT (u	DL
1,2,4,-TRICHLOROBE	ND	1
1,2,4,5-TETRACHLOR	NA	-
1,2-DICHLOROBENZE	ND	1
1,2-DIPHENYLHYDRA	NA	-
1,3,-DICHLOROBENZI	ND	1
1,4,-DICHLOROBENZI	ND	1
1-CHLORONAPTHALE	NA	-
1-NAPTHYLAMINE	NA	-
2,2,3,3,4,5,6,6-OCTAC	NA	-
2,2,3,3,4,4,6-HEPTACI	NA	-
2,2,4,4,5,6-HEXACHL(	NA	-
2,2,3,4,6-PENTACHLO	NA	-
2,2,4,4-TETRACHLOR	NA	-
2,3,4,6-TETRACHLOR	NA	-
2,4,5-TRICHLOROBIP	NA	-
2,4,5-TRICHLOROPHE	ND	1
2,4,6-TRICHLOROPHE	ND	1
2,3-DICHLOROBIPHE	NA	-
2,4-DICHLOROPHEN(	ND	1
2,4-DIMETHYLPHENO	ND	1
2,4-DINITROPHENOL	ND	10
2,4-DINITROTOLUENE	ND	1
2,6-DICHLOROPHEN(	NA	-
2,6-DINITROTOLUENE	ND	1
2-CHLORONAPHTHA	ND	1
2-CHLOROBIPHENYL	NA	-
2-CHLOROPHENOL	ND	1
2-METHYLNAPHTHAL	ND	1
2-METHYLPHENOL	ND	1
2-NAPTHYLAMINE	NA	-
2-NITROANILINE	ND	1
2-NITROPHENOL	ND	1
2-PICOLINE	NA	-
3,3-DICHOLOROBEN	ND	1
3-METHYLCHOLANTH	NA	-
3-NITROANILINE	ND	10
4,6-DINITRO-2-METHY	ND	3
4-AMINOBIPHENYL	NA	-
4-BROMOPHENYL PH	ND	1
4-CHLORO-3-METHYL	ND	1
4-CHLOROANILINE	ND	2
4-CHLOROPHENYL P	ND	1
4-METHYLPHENOL	ND	1
4-NITROANILINE	ND	5
4-NITROPHENOL	ND	10
7,12-DIMETHYLBENZ	NA	-
A-,A-DIMETHYLPENE	NA	-
ACENAPHTHENE	ND	1
ACENAPHTHYLENE	ND	1
ACETOPHENONE	NA	-
ALACHLOR	NA	-
ALDRINE	NA	-
ALPHA-CHLORDANE	NA	-
ANILINE	NA	-
ANTHRACENE	ND	1
AROCLOR 1016	NA	-
AROCLOR 1221	NA	-
AROCLOR 1232	NA	-
AROCLOR 1242	NA	-
AROCLOR 1248	NA	-
AROCLOR 1254	NA	-
AROCLOR 1260	NA	-
ATRAZINE	NA	-
AZOBENZENE	NA	-
BENZIDINE	NA	-
BENZO(A)ANTHRACE	ND	1
BENZO(A)PYRENE	ND	2

ANALYTE--continued	RESULT (u	DL
BENZO(B)FLUORANT	ND	2
BENZO(G,H,I)PERYLE	ND	2
BENZO(K)FLUORANT	ND	2
BENZOIC ACID	ND	5
BENZYL ALCOHOL	ND	1
BIS (2-CHLOROETHO	ND	1
BIS (2-CHLOROETHY	ND	1
BIS (2-CHLOROISOP	ND	1
BIS(2-ETHYLHEXYL)F	ND	1
BUTYL BENZYL PHTH	ND	1
BUTACHLOR	NA	-
CARBAZOLE	NA	-
CHLORDANE (TOTAL	NA	-
CHRYSENE	ND	1
DI(2 ETHYLHEXYL) A	NA	-
DI(2 ETHYLHEXYL) P	NA	-
DI-N-BUTYL PHTHAL	ND	1
DI-N-OCTYL PHTHAL	ND	1
DIBENZO(A,H)ANTHR	ND	1
DIBENZO(A,J)ACRIDI	NA	-
DIBENZOFURAN	ND	1
DIELDRIN	NA	-
DIETHYL PHTHALATE	NA	-
DIMETHYL PHTHALA	ND	1
DIPHENYLAMINE	NA	-
ENDRIN	NA	-
FLUORANTHENE	ND	1
FLUORENE	ND	1
GAMMA-CHLORDANE	NA	-
HEPTACHLOR	NA	-
HEPTACHLOR EPOXI	NA	-
HEXACHLOROBENZE	ND	1
HEXACHLOROBUTAD	ND	5
HEXACHLOROCYCLO	ND	5
HEXACHLOROETHAN	ND	1
INDENO(1,2,3-CD)PY	ND	1
ISOPHORONE	ND	1
LINDANE	NA	-
N-NITROSO-DI-N-PRO	ND	1
N-NITROSODI-N-BUT	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIPHENY	ND	1
N-NITROSOPIPERIDI	NA	-
NAPHTHALENE	ND	1
NITROBENZENE	ND	1
METOLACHLOR	NA	-
METHOXYCHLOR	NA	-
METRIBUZIN	NA	-
P-DIMETHYLAMINOA	ND	1
PENTACHLOROBENZ	NA	-
PENTACHLORONITR	NA	-
PENTACHLOROPHEN	ND	3
PHENACETIN	NA	-
PHENANTHRENE	ND	1
PHENOL	ND	1
PRONAMIDE	NA	-
PROPACHLOR	NA	-
PYRENE	ND	1
PYRIDINE	NA	-
SIMAZINE	NA	-
TOXAPHENE MIXTUR	NA	-
TRANS NONACHLOR	NA	-

DL - Method detection limit
B - Indicates compound was detected in lab blank as well as in the sample
J - Indicates an estimated value for tentatively identified components, or compounds detected and identified but pres

SPRINGS--continued

SAMPLE ID: TS-1.42
SAMPLING DATE: 10/18/95

ANALYTE	RESULT (u	DL
1,2,4,-TRICHLOROBE	ND	10
1,2,4,5-TETRACHLOR	NA	-
1,2-DICHLOROBENZE	ND	10
1,2-DIPHENYLHYDRA	NA	-
1,3,-DICHLOROBENZI	ND	10
1,4,-DICHLOROBENZI	ND	10
1-CHLORONAPTHALE	NA	-
1-NAPTHYLAMINE	NA	-
2,2,3,3,4,5,6,6-OCTAC	NA	-
2,2,3,3,4,4,6-HEPTACI	NA	-
2,2,4,4,5,6-HEXACHL(	NA	-
2,2,3,4,6-PENTACHLO	NA	-
2,2,4,4-TETRACHLOR	NA	-
2,3,4,6-TETRACHLOR	NA	-
2,4,5-TRICHLOROBIP	NA	-
2,4,5-TRICHLOROPHE	ND	50
2,4,6-TRICHLOROPHE	ND	10
2,3-DICHLOROBIPHE	NA	-
2,4-DICHLOROPHEN(	ND	10
2,4-DIMETHYLPHENO	ND	10
2,4-DINITROPHENOL	ND	50
2,4-DINITROTOLUENE	ND	10
2,6-DICHLOROPHEN(	NA	-
2,6-DINITROTOLUENE	ND	10
2-CHLORONAPHTHA	ND	10
2-CHLOROBIPHENYL	NA	-
2-CHLOROPHENOL	ND	10
2-METHYLNAPHTHAL	ND	10
2-METHYLPHENOL	ND	10
2-NAPTHYLAMINE	NA	-
2-NITROANILINE	ND	50
2-NITROPHENOL	ND	10
2-PICOLINE	NA	-
3,3-DICHOLOROBEN	ND	50
3-METHYLCHOLANTH	NA	-
3-NITROANILINE	ND	50
4,6-DINITRO-2-METHY	ND	50
4-AMINOBIPHENYL	NA	-
4-BROMOPHENYL PH	ND	10
4-CHLORO-3-METHYL	ND	10
4-CHLOROANILINE	ND	25
4-CHLOROPHENYL P	ND	10
4-METHYLPHENOL	ND	10
4-NITROANILINE	ND	50
4-NITROPHENOL	ND	50
7,12-DIMETHYLBENZ	NA	-
A-,A-DIMETHYLPENE	NA	-
ACENAPHTHENE	ND	10
ACENAPHTHYLENE	ND	10
ACETOPHENONE	NA	-
ALACHLOR	NA	-
ALDRINE	NA	-
ALPHA-CHLORDANE	NA	-
ANILINE	ND	25
ANTHRACENE	ND	10
AROCLOR 1016	ND	0.5
AROCLOR 1221	ND	0.5
AROCLOR 1232	ND	0.5
AROCLOR 1242	ND	0.5
AROCLOR 1248	ND	0.5
AROCLOR 1254	ND	0.5
AROCLOR 1260	ND	0.5
ATRAZINE	NA	-
AZOBENZENE	ND	10
BENZIDINE	ND	50
BENZO(A)ANTHRACE	ND	10
BENZO(A)PYRENE	ND	10

ANALYTE--continued	RESULT (u	DL
BENZO(B)FLUORANT	ND	10
BENZO(G,H,I)PERYLE	ND	10
BENZO(K)FLUORANT	ND	10
BENZOIC ACID	ND	50
BENZYL ALCOHOL	ND	10
BIS (2-CHLOROETHO	ND	10
BIS (2-CHLOROETHY	ND	10
BIS (2-CHLOROISOP	ND	10
BIS(2-ETHYLHEXYL)F	4 J B	10
BUTYL BENZYL PHTH	ND	10
BUTACHLOR	NA	-
CARBAZOLE	ND	10
CHLORDANE (TOTAL	NA	-
CHRYSENE	ND	10
DI(2 ETHYLHEXYL) A	NA	-
DI(2 ETHYLHEXYL) P	NA	-
DI-N-BUTYL PHTHAL	ND	10
DI-N-OCTYL PHTHAL	ND	10
DIBENZO(A,H)ANTHR	ND	10
DIBENZO(A,J)ACRIDI	NA	-
DIBENZOFURAN	ND	10
DIELDRIN	NA	-
DIETHYL PHTHALATE	ND	10
DIMETHYL PHTHALA	ND	10
DIPHENYLAMINE	NA	-
ENDRIN	NA	-
FLUORANTHENE	ND	10
FLUORENE	ND	10
GAMMA-CHLORDANE	NA	-
HEPTACHLOR	NA	-
HEPTACHLOR EPOXI	NA	-
HEXACHLOROBENZE	ND	10
HEXACHLOROBUTAD	ND	10
HEXACHLOROCYCLO	ND	10
HEXACHLOROETHAN	ND	10
INDENO(1,2,3-CD)PY	ND	10
ISOPHORONE	ND	10
LINDANE	NA	-
N-NITROSO-DI-N-PRO	ND	10
N-NITROSODI-N-BUT	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIMETHY	ND	10
N-NITROSODIPHENY	ND	10
N-NITROSOPIPERIDI	NA	-
NAPHTHALENE	ND	10
NITROBENZENE	ND	10
METOLACHLOR	NA	-
METHOXYCHLOR	NA	-
METRIBUZIN	NA	-
P-DIMETHYLAMINOA	NA	-
PENTACHLOROBENZ	NA	-
PENTACHLORONITR	NA	-
PENTACHLOROPHEN	ND	50
PHENACETIN	NA	-
PHENANTHRENE	ND	10
PHENOL	ND	10
PRONAMIDE	NA	-
PROPACHLOR	NA	-
PYRENE	ND	10
PYRIDINE	ND	10
SIMAZINE	NA	-
TOXAPHENE MIXTUR	NA	-
TRANS NONACHLOR	NA	-

DL - Method detection limit
B - Indicates compound was detected in lab blank as well as in the sample
J - Indicates an estimated value for tentatively identified components, or compounds detected and identified but pres

SPRINGS--continued

SAMPLE ID: BURNING GROUND
SAMPLING DATE: 3/17/95

ANALYTE	RESULT (u	DL
1,2,4,-TRICHLOROBE	NA	-
1,2,4,5-TETRACHLOR	NA	-
1,2-DICHLOROBENZE	NA	-
1,2-DIPHENYLHYDRA	NA	-
1,3,-DICHLOROBENZI	NA	-
1,4,-DICHLOROBENZI	NA	-
1-CHLORONAPTHALE	NA	-
1-NAPTHYLAMINE	NA	-
2,2,3,3,4,5,6,6-OCTAC	ND	0.5
2,2,3,3,4,4,6-HEPTACI	ND	0.5
2,2,4,4,5,6-HEXACHL(	ND	0.5
2,2,3,4,6-PENTACHLO	NA	-
2,2,4,4-TETRACHLOR	ND	0.5
2,3,4,6-TETRACHLOR	NA	-
2,4,5-TRICHLOROBIP	ND	0.5
2,4,5-TRICHLOROPHE	NA	-
2,4,6-TRICHLOROPHE	NA	-
2,3-DICHLOROBIPHE	ND	0.5
2,4-DICHLOROPHEN(	NA	-
2,4-DIMETHYLPHENO	NA	-
2,4-DINITROPHENOL	NA	-
2,4-DINITROTOLUENE	NA	-
2,6-DICHLOROPHEN(	NA	-
2,6-DINITROTOLUENE	NA	-
2-CHLORONAPHTHA	NA	-
2-CHLOROBIPHENYL	ND	0.05
2-CHLOROPHENOL	NA	-
2-METHYLNAPHTHAL	NA	-
2-METHYLPHENOL	NA	-
2-NAPTHYLAMINE	NA	-
2-NITROANILINE	NA	-
2-NITROPHENOL	NA	-
2-PICOLINE	NA	-
3,3-DICHOLOROBEN	NA	-
3-METHYLCHOLANTH	NA	-
3-NITROANILINE	NA	-
4,6-DINITRO-2-METHY	NA	-
4-AMINOBIPHENYL	NA	-
4-BROMOPHENYL PH	NA	-
4-CHLORO-3-METHYL	NA	-
4-CHLOROANILINE	NA	-
4-CHLOROPHENYL P	NA	-
4-METHYLPHENOL	NA	-
4-NITROANILINE	NA	-
4-NITROPHENOL	NA	-
7,12-DIMETHYLBENZ	NA	-
A-,A-DIMETHYLPENE	NA	-
ACENAPHTHENE	NA	-
ACENAPHTHYLENE	ND	0.01
ACETOPHENONE	NA	-
ALACHLOR	ND	0.02
ALDRINE	ND	0.03
ALPHA-CHLORDANE	ND	0.01
ANILINE	NA	-
ANTHRACENE	ND	0.01
AROCLOR 1016	NA	-
AROCLOR 1221	NA	-
AROCLOR 1232	NA	-
AROCLOR 1242	NA	-
AROCLOR 1248	NA	-
AROCLOR 1254	NA	-
AROCLOR 1260	NA	-
ATRAZINE	ND	0.01
AZOBENZENE	NA	-
BENZIDINE	NA	-
BENZO(A)ANTHRACE	ND	0.01
BENZO(A)PYRENE	ND	0.01

ANALYTE--continued	RESULT (u	DL
BENZO(B)FLUORANT	ND	0.02
BENZO(G,H,I)PERYLE	ND	0.02
BENZO(K)FLUORANT	ND	0.02
BENZOIC ACID	NA	-
BENZYL ALCOHOL	NA	-
BIS (2-CHLOROETHO	NA	-
BIS (2-CHLOROETHY	NA	-
BIS (2-CHLOROISOP	NA	-
BIS(2-ETHYLHEXYL)F	NA	-
BUTYL BENZYL PHTH	0.13 J B	0.01
BUTACHLOR	ND	0.03
CARBAZOLE	NA	-
CHLORDANE (TOTAL	ND	0.02
CHRYSENE	ND	0.02
DI(2 ETHYLHEXYL) A	0.02 J B	0.02
DI(2 ETHYLHEXYL) P	3.39 B	0.03
DI-N-BUTYL PHTHAL	0.01 J B	0.02
DI-N-OCTYL PHTHAL	NA	-
DIBENZO(A,H)ANTHR	ND	0.02
DIBENZO(A,J)ACRIDI	NA	-
DIBENZOFURAN	NA	-
DIELDRIN	ND	0.02
DIETHYL PHTHALATE	0.13 J B	0.01
DIMETHYL PHTHALA	ND	0.01
DIPHENYLAMINE	NA	-
ENDRIN	ND	0.35
FLUORANTHENE	NA	-
FLUORENE	ND	0.01
GAMMA-CHLORDANE	ND	0.02
HEPTACHLOR	ND	0.04
HEPTACHLOR EPOXI	ND	0.13
HEXACHLOROBENZE	ND	0.01
HEXACHLOROBUTAD	NA	-
HEXACHLOROCYCLO	ND	0.04
HEXACHLOROETHAN	NA	-
INDENO(1,2,3-CD)PY	ND	0.03
ISOPHORONE	NA	-
LINDANE	ND	0.02
N-NITROSO-DI-N-PRO	NA	-
N-NITROSODI-N-BUT	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIPHENY	NA	-
N-NITROSOPIPERIDI	NA	-
NAPHTHALENE	NA	-
NITROBENZENE	NA	-
METOLACHLOR	ND	0.09
METHOXYCHLOR	ND	0.01
METRIBUZIN	ND	0.03
P-DIMETHYLAMINOA	NA	-
PENTACHLOROBENZ	NA	-
PENTACHLORONITR	NA	-
PENTACHLOROPHEN	ND	0.04
PHENACETIN	NA	-
PHENANTHRENE	ND	0.01
PHENOL	NA	-
PRONAMIDE	NA	-
PROPACHLOR	ND	0.03
PYRENE	ND	0.01
PYRIDINE	NA	-
SIMAZINE	ND	0.11
TOXAPHENE MIXTUR	ND	1
TRANS NONACHLOR	ND	0.02

DL - Method detection limit
B - Indicates compound was detected in lab blank as well as in the sample
J - Indicates an estimated value for tentatively identified components, or compounds detected and identified but pres

SPRINGS--continued

SAMPLE ID: SWSC
SAMPLING DATE: 3/17/95

ANALYTE	RESULT (u	DL
1,2,4,-TRICHLOROBE	NA	-
1,2,4,5-TETRACHLOR	NA	-
1,2-DICHLOROBENZE	NA	-
1,2-DIPHENYLHYDRA	NA	-
1,3,-DICHLOROBENZI	NA	-
1,4,-DICHLOROBENZI	NA	-
1-CHLORONAPTHALE	NA	-
1-NAPTHYLAMINE	NA	-
2,2,3,3,4,5,6,6-OCTAC	ND	0.5
2,2,3,3,4,4,6-HEPTACI	ND	0.5
2,2,4,4,5,6-HEXACHL(	ND	0.5
2,2,3,4,6-PENTACHLO	NA	-
2,2,4,4-TETRACHLOR	ND	0.5
2,3,4,6-TETRACHLOR	NA	-
2,4,5-TRICHLOROBIP	ND	0.5
2,4,5-TRICHLOROPHE	NA	-
2,4,6-TRICHLOROPHE	NA	-
2,3-DICHLOROBIPHE	ND	0.5
2,4-DICHLOROPHEN(	NA	-
2,4-DIMETHYLPHENO	NA	-
2,4-DINITROPHENOL	NA	-
2,4-DINITROTOLUENE	NA	-
2,6-DICHLOROPHEN(	NA	-
2,6-DINITROTOLUENE	NA	-
2-CHLORONAPHTHA	NA	-
2-CHLOROBIPHENYL	ND	0.05
2-CHLOROPHENOL	NA	-
2-METHYLNAPHTHAL	NA	-
2-METHYLPHENOL	NA	-
2-NAPTHYLAMINE	NA	-
2-NITROANILINE	NA	-
2-NITROPHENOL	NA	-
2-PICOLINE	NA	-
3,3-DICHOLOROBEN	NA	-
3-METHYLCHOLANTH	NA	-
3-NITROANILINE	NA	-
4,6-DINITRO-2-METHY	NA	-
4-AMINOBIPHENYL	NA	-
4-BROMOPHENYL PH	NA	-
4-CHLORO-3-METHYL	NA	-
4-CHLOROANILINE	NA	-
4-CHLOROPHENYL P	NA	-
4-METHYLPHENOL	NA	-
4-NITROANILINE	NA	-
4-NITROPHENOL	NA	-
7,12-DIMETHYLBENZ	NA	-
A-,A-DIMETHYLPENE	NA	-
ACENAPHTHENE	NA	-
ACENAPHTHYLENE	ND	0.01
ACETOPHENONE	NA	-
ALACHLOR	ND	0.02
ALDRINE	ND	0.03
ALPHA-CHLORDANE	ND	0.01
ANILINE	NA	-
ANTHRACENE	ND	0.01
AROCLOR 1016	NA	-
AROCLOR 1221	NA	-
AROCLOR 1232	NA	-
AROCLOR 1242	NA	-
AROCLOR 1248	NA	-
AROCLOR 1254	NA	-
AROCLOR 1260	NA	-
ATRAZINE	ND	0.01
AZOBENZENE	NA	-
BENZIDINE	NA	-
BENZO(A)ANTHRACE	ND	0.01
BENZO(A)PYRENE	ND	0.01

ANALYTE--continued	RESULT (u	DL
BENZO(B)FLUORANT	ND	0.02
BENZO(G,H,I)PERYLE	ND	0.02
BENZO(K)FLUORANT	ND	0.02
BENZOIC ACID	NA	-
BENZYL ALCOHOL	NA	-
BIS (2-CHLOROETHO	NA	-
BIS (2-CHLOROETHY	NA	-
BIS (2-CHLOROISOP	NA	-
BIS(2-ETHYLHEXYL)F	NA	-
BUTYL BENZYL PHTH	0.26 J B	0.01
BUTACHLOR	ND	0.03
CARBAZOLE	NA	-
CHLORDANE (TOTAL	ND	0.02
CHRYSENE	ND	0.02
DI(2 ETHYLHEXYL) A	ND	0.02
DI(2 ETHYLHEXYL) P	ND	0.03
DI-N-BUTYL PHTHAL	0.10 J B	0.02
DI-N-OCTYL PHTHAL	NA	-
DIBENZO(A,H)ANTHR	ND	0.02
DIBENZO(A,J)ACRIDI	NA	-
DIBENZOFURAN	NA	-
DIELDRIN	ND	0.02
DIETHYL PHTHALATE	0.35 J B	0.01
DIMETHYL PHTHALA	ND	0.01
DIPHENYLAMINE	NA	-
ENDRIN	ND	0.35
FLUORANTHENE	NA	-
FLUORENE	ND	0.01
GAMMA-CHLORDANE	ND	0.02
HEPTACHLOR	ND	0.04
HEPTACHLOR EPOXI	ND	0.13
HEXACHLOROBENZE	ND	0.01
HEXACHLOROBUTAD	NA	-
HEXACHLOROCYCLO	ND	0.04
HEXACHLOROETHAN	NA	-
INDENO(1,2,3-CD)PY	ND	0.03
ISOPHORONE	NA	-
LINDANE	ND	0.02
N-NITROSO-DI-N-PRO	NA	-
N-NITROSODI-N-BUT	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIPHENY	NA	-
N-NITROSOPIPERIDI	NA	-
NAPHTHALENE	NA	-
NITROBENZENE	NA	-
METOLACHLOR	ND	0.09
METHOXYCHLOR	ND	0.01
METRIBUZIN	ND	0.03
P-DIMETHYLAMINOA	NA	-
PENTACHLOROBENZ	NA	-
PENTACHLORONITR	NA	-
PENTACHLOROPHEN	ND	0.04
PHENACETIN	NA	-
PHENANTHRENE	ND	0.01
PHENOL	NA	-
PRONAMIDE	NA	-
PROPACHLOR	ND	0.03
PYRENE	ND	0.01
PYRIDINE	NA	-
SIMAZINE	ND	0.11
TOXAPHENE MIXTUR	ND	1
TRANS NONACHLOR	ND	0.02

DL - Method detection limit
B - Indicates compound was detected in lab blank as well as in the sample
J - Indicates an estimated value for tentatively identified components, or compounds detected and identified but present at a con

SPRINGS--continued

SAMPLE ID: HOLLOW
SAMPLING DATE: 3/17/95

ANALYTE	RESULT (u	DL
1,2,4,-TRICHLOROBE	NA	-
1,2,4,5-TETRACHLOR	NA	-
1,2-DICHLOROBENZE	NA	-
1,2-DIPHENYLHYDRA	NA	-
1,3,-DICHLOROBENZI	NA	-
1,4,-DICHLOROBENZI	NA	-
1-CHLORONAPTHALE	NA	-
1-NAPTHYLAMINE	NA	-
2,2,3,3,4,5,6,6-OCTAC	ND	0.5
2,2,3,3,4,4,6-HEPTACI	ND	0.5
2,2,4,4,5,6-HEXACHL(	ND	0.5
2,2,3,4,6-PENTACHLO	NA	-
2,2,4,4-TETRACHLOR	ND	0.5
2,3,4,6-TETRACHLOR	NA	-
2,4,5-TRICHLOROBIP	ND	0.5
2,4,5-TRICHLOROPHE	NA	-
2,4,6-TRICHLOROPHE	NA	-
2,3-DICHLOROBIPHE	ND	0.5
2,4-DICHLOROPHEN(	NA	-
2,4-DIMETHYLPHENO	NA	-
2,4-DINITROPHENOL	NA	-
2,4-DINITROTOLUENE	NA	-
2,6-DICHLOROPHEN(	NA	-
2,6-DINITROTOLUENE	NA	-
2-CHLORONAPHTHA	NA	-
2-CHLOROBIPHENYL	ND	0.05
2-CHLOROPHENOL	NA	-
2-METHYLNAPHTHAL	NA	-
2-METHYLPHENOL	NA	-
2-NAPTHYLAMINE	NA	-
2-NITROANILINE	NA	-
2-NITROPHENOL	NA	-
2-PICOLINE	NA	-
3,3-DICHOLOROBEN	NA	-
3-METHYLCHOLANTH	NA	-
3-NITROANILINE	NA	-
4,6-DINITRO-2-METHY	NA	-
4-AMINOBIPHENYL	NA	-
4-BROMOPHENYL PH	NA	-
4-CHLORO-3-METHYL	NA	-
4-CHLOROANILINE	NA	-
4-CHLOROPHENYL P	NA	-
4-METHYLPHENOL	NA	-
4-NITROANILINE	NA	-
4-NITROPHENOL	NA	-
7,12-DIMETHYLBENZ	NA	-
A-,A-DIMETHYLPENE	NA	-
ACENAPHTHENE	NA	-
ACENAPHTHYLENE	ND	0.01
ACETOPHENONE	NA	-
ALACHLOR	ND	0.02
ALDRINE	ND	0.03
ALPHA-CHLORDANE	ND	0.01
ANILINE	NA	-
ANTHRACENE	ND	0.01
AROCLOR 1016	NA	-
AROCLOR 1221	NA	-
AROCLOR 1232	NA	-
AROCLOR 1242	NA	-
AROCLOR 1248	NA	-
AROCLOR 1254	NA	-
AROCLOR 1260	NA	-
ATRAZINE	ND	0.01
AZOBENZENE	NA	-
BENZIDINE	NA	-
BENZO(A)ANTHRACE	ND	0.01
BENZO(A)PYRENE	ND	0.01

ANALYTE--continued	RESULT (u	DL
BENZO(B)FLUORANT	ND	0.02
BENZO(G,H,I)PERYLE	ND	0.02
BENZO(K)FLUORANT	ND	0.02
BENZOIC ACID	NA	-
BENZYL ALCOHOL	NA	-
BIS (2-CHLOROETHO	NA	-
BIS (2-CHLOROETHY	NA	-
BIS (2-CHLOROISOP	NA	-
BIS(2-ETHYLHEXYL)F	NA	0.03
BUTYL BENZYL PHTH	0.17 J B	0.01
BUTACHLOR	ND	0.03
CARBAZOLE	NA	-
CHLORDANE (TOTAL	ND	0.02
CHRYSENE	ND	0.02
DI(2 ETHYLHEXYL) A	0.02 J B	0.02
DI(2 ETHYLHEXYL) P	8.16 B	0.03
DI-N-BUTYL PHTHAL	0.08 J B	0.02
DI-N-OCTYL PHTHAL	NA	-
DIBENZO(A,H)ANTHR	ND	0.02
DIBENZO(A,J)ACRIDI	NA	-
DIBENZOFURAN	NA	-
DIELDRIN	ND	0.02
DIETHYL PHTHALATE	0.48 J B	0.01
DIMETHYL PHTHALA	ND	0.01
DIPHENYLAMINE	NA	-
ENDRIN	ND	0.35
FLUORANTHENE	NA	-
FLUORENE	ND	0.01
GAMMA-CHLORDANE	ND	0.02
HEPTACHLOR	ND	0.04
HEPTACHLOR EPOXI	ND	0.13
HEXACHLOROBENZE	ND	0.01
HEXACHLOROBUTAD	NA	-
HEXACHLOROCYCLO	ND	0.04
HEXACHLOROETHAN	NA	-
INDENO(1,2,3-CD)PY	ND	0.03
ISOPHORONE	NA	-
LINDANE	ND	0.02
N-NITROSO-DI-N-PRO	NA	-
N-NITROSODI-N-BUT	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIMETHY	NA	-
N-NITROSODIPHENY	NA	-
N-NITROSOPIPERIDI	NA	-
NAPHTHALENE	NA	-
NITROBENZENE	NA	-
METOLACHLOR	ND	0.09
METHOXYCHLOR	ND	0.01
METRIBUZIN	ND	0.03
P-DIMETHYLAMINOA	NA	-
PENTACHLOROBENZ	NA	-
PENTACHLORONITR	NA	-
PENTACHLOROPHEN	ND	0.04
PHENACETIN	NA	-
PHENANTHRENE	ND	0.01
PHENOL	NA	-
PRONAMIDE	NA	-
PROPACHLOR	ND	0.03
PYRENE	ND	0.01
PYRIDINE	NA	-
SIMAZINE	ND	0.11
TOXAPHENE MIXTUR	ND	1
TRANS NONACHLOR	ND	0.02

DL - Method detection limit
B - Indicates compound was detected in lab blank as well as in the sample
J - Indicates an estimated value for tentatively identified components, or compounds detected and identified

ntl but present at a concentration less than the practical quantitation

	WELL		SPRINGS									
SAMPLE ID:	ER ID#18-01685		Josie Spring		Perkins Spring		Threemile (A)		Threemile (B)			
SAMPLING DATE:	8/1/95		5/24/95		5/24/95		6/23/95		6/23/95		8/18/95	
HIGH EXPLOSIVE CC	*RESULT (	DL	*RESULT (	DL	*RESULT (	DL	*RESULT (	DL	*RESULT (	DL	*RESULT (	DL
2-AMINO-4,6-DNT & 2	BDL	2	BDL	2	BDL	2	BDL	2	BDL	2	NA	-
OCTAHYDRO-1,3,5,7-	BDL	2	BDL	2	BDL	2	BDL	2	1100	2	1.2	1
HEXAHYDRO-1,3,5-T	BDL	2	BDL	2	BDL	2	BDL	2	77	2	BDL	0.84
1,3,5-TRINITROBENZ	NA	-	BDL	2	BDL	2	BDL	2	BDL	2	NA	-
1,3-DINITROBENZEN	NA	-	BDL	2	BDL	2	BDL	2	BDL	2	NA	-
TETRYL	NA	-	BDL	2	BDL	2	BDL	2	BDL	2	NA	-
NITROBENZENE (NB	NA	-	BDL	2	BDL	2	BDL	2	BDL	2	NA	-
2,4,6-TRINITROTOLU	BDL	2	BDL	2	BDL	2	BDL	2	68	2	BDL	0.25
2,4-DINITROTOLUEN	NA	-	BDL	2	BDL	2	BDL	2	BDL	2	NA	-
o-NITROTOLUENE (2	NA	-	BDL	2	BDL	2	BDL	2	BDL	2	NA	-
p-NITROTOLUENE (4	NA	-	BDL	2	BDL	2	BDL	2	BDL	2	NA	-
m-NITROTOLUENE (3	NA	-	BDL	2	BDL	2	BDL	2	BDL	2	NA	-

	SPRINGS--continued											
SAMPLE ID:	SWSC		MARTIN		PETER		FISH LADDER		VA-0.8		WC-6.25	
SAMPLING DATE:	5/12/95		5/12/95		6/2/95		6/2/95		12/9/95		8/4/95	
HIGH EXPLOSIVE CC	*RESULT (	DL	*RESULT (	DL	*RESULT (	DL	*RESULT (	DL	*RESULT (	DL	*RESULT (	DL
2-AMINO-4,6-DNT & 2	2.3	2	3.3	2	BDL	2	BDL	2	BDL	80	BDL	2
OCTAHYDRO-1,3,5,7-	5.5	2	11	2	BDL	2	7.6	2	BDL	110	4.1	2
HEXAHYDRO-1,3,5-T	83	2	100	2	BDL	2	2.7	2	BDL	130	BDL	2
1,3,5-TRINITROBENZ	BDL	2	BDL	2	BDL	2	BDL	2	BDL	70	NA	-
1,3-DINITROBENZEN	BDL	2	BDL	2	BDL	2	BDL	2	BDL	70	NA	-
TETRYL	BDL	2	BDL	2	BDL	2	BDL	2	BDL	80	NA	-
NITROBENZENE (NB	BDL	2	BDL	2	BDL	2	BDL	2	BDL	80	NA	-
2,4,6-TRINITROTOLU	BDL	2	BDL	2	BDL	2	BDL	2	BDL	80	BDL	2
2,4-DINITROTOLUEN	BDL	2	BDL	2	BDL	2	BDL	2	BDL	80	BDL	2
o-NITROTOLUENE (2	BDL	2	BDL	2	BDL	2	BDL	2	BDL	50	NA	-
p-NITROTOLUENE (4	BDL	2	BDL	2	BDL	2	BDL	2	BDL	90	NA	-
m-NITROTOLUENE (3	BDL	2	BDL	2	BDL	2	BDL	2	BDL	60	NA	-

* - Modified Method 8330
NA - Not analyzed or not available
BDL - Below method detection limits
DL - Method detection limit (ug/L)
(A) & (B) - Samples collected at two distinct discharge points

STATION ID			Date	H3 (pCi/L)	unc	90Sr (pCi/L)	unc	137Cs (pCi/L)	unc	U (ug/L)	unc	234U (pCi/L)	235U (pCi/L)	238U (pCi/L)	238Pu (pCi/L)	unc	239/240Pu (pCi/L)	unc	241Am (pCi/L)	unc	Gross Alpha (pCi/L)	unc	Gross Beta (pCi/L)	unc
WELLS																								
DEEP AQUIFER																								
TW-1		T	5/31/94	NA	-	<0.69	BDL	<2.912	BDL	2.821	0.38	NA	NA	NA	<0.033	BDL	<0.008	BDL	<13.993	BDL	<4.48	BDL	<4.80	BDL
		F	6/19/95	<180	BDL	NA	-	NA	-	NA	-	NA	NA	NA	<0.03	BDL	<0.01	BDL	NA	-	<7.9	BDL	6.3	1.7
TW-2		T	5/31/94	NA	-	<0.70	BDL	<2.885	BDL	0.171	0.023	NA	NA	NA	<0.046	BDL	<0.020	BDL	<11.315	BDL	<2.06	BDL	2.46	0.75
(TEST @ 09:48)		T	8/1/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.42	BDL	<0.27	BDL	NA	-	NA	-	NA	-
(TEST @ 13:16)		T	8/1/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.35	BDL	<0.22	BDL	NA	-	NA	-	NA	-
(TEST @ 15:05)		T	8/1/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.59	BDL	<0.34	BDL	NA	-	<1.6	BDL	3.3	2
TW-3																								
(TEST @ 08:10)		T	7/18/95	NA	-	<1.2	BDL	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-
(TEST @ 10:08)		T	7/18/95	NA	-	<1.3	BDL	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-
TW-4	o	T	6/20/94	<165.7	BDL	6.59	1	<3.111	BDL	1.27	0.15	NA	NA	NA	<0.054	BDL	<0.019	BDL	<11.763	BDL	<3.17	BDL	<4.68	BDL
(TEST @ 13:30)		T	10/19/95	NA	-	<0.88	BDL	NA	-	NA	-	NA	NA	NA	<0.02	BDL	<0.03	BDL	NA	-	<0.60	BDL	3.08	0.84
TW-8	o	F	10/21/94	NA	-	<0.84	BDL	<3.54	BDL	0.51	0.07	NA	NA	NA	<0.102	BDL	<0.044	BDL	<3.02	BDL	<1.69	BDL	<1.68	BDL
(TEST @ 09:10)		T	7/17/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	0.12	0.07	NA	-	NA	-
(TEST @ 11:00)		T	7/17/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	<0.06	BDL	NA	-	NA	-
(TEST @ 13:56)		T	7/17/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	<0.06	BDL	NA	-	NA	-
(TEST @ 17:10)		T	7/17/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	<0.06	BDL	NA	-	NA	-
DT-5A	o	T	9/8/94	<168.9	BDL	<1.32	BDL	<4.143	BDL	0.23	0.031	NA	NA	NA	<0.080	BDL	0.045	0.036	0.144	0.074	<1.85	BDL	2.52	0.6
		F	11/13/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<1.3	BDL	2.8	1.1
DT-9	o	T	9/8/94	<169.0	BDL	<1.36	BDL	<2.865	BDL	0.284	0.038	NA	NA	NA	0.135	0.065	0.045	0.036	0.117	0.073	9.55	1.87	14.19	1.92
		F	5/30/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.08	BDL	<0.04	BDL	NA	-	<3.0	BDL	<2.0	BDL
DT-10	o	T	9/8/94	<169.0	BDL	<0.82	BDL	<3.356	BDL	0.308	0.041	NA	NA	NA	<0.094	BDL	0.09	0.038	0.099	0.064	<1.81	BDL	2.1	0.56
		F	5/31/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.08	BDL	<0.02	BDL	NA	-	<2.8	BDL	<2.9	BDL
INTERM. AQUIFER (VOLCANICS/SEDIMENTARY)																								
TW-1A		T	5/31/94	NA	-	<0.65	BDL	<3.294	BDL	0.384	0.038	NA	NA	NA	<0.051	BDL	<0.034	BDL	<12.267	BDL	<5.13	BDL	<5.19	BDL
		F	6/19/95	<180	BDL	NA	-	NA	-	NA	-	NA	NA	NA	<0.05	BDL	<0.02	BDL	NA	-	<9.0	BDL	5.8	1.7
TW-2A		T	5/31/94	2607.2	255.8	<0.72	BDL	<3.297	BDL	0.651	0.088	NA	NA	NA	<0.036	BDL	<0.021	BDL	<12.942	BDL	<3.51	BDL	<4.33	BDL
(TEST @ 09:48)		T	8/1/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.50	BDL	<0.44	BDL	NA	-	NA	-	NA	-
(TEST @ 13:10)		T	8/1/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.44	BDL	<0.36	BDL	NA	-	NA	-	NA	-
(TEST @ 15:00)		T	8/1/95	<470	BDL	NA	-	NA	-	NA	-	NA	NA	NA	<0.48	BDL	<0.33	BDL	NA	-	<2.7	BDL	<3.2	BDL
LAOI(A)-1.1		F	11/1/95	NA	-	<0.66	BDL	<3.56	BDL	NA	-	0.3	0.07	0.16	<0.08	BDL	<0.03	BDL	<0.06	BDL	3.67	0.87	6.7	1.3
LADP-3		F	4/26/95	1470	210	<0.65	BDL	<3.97	BDL	NA	-	NA	NA	NA	<0.15	BDL	<0.03	BDL	<0.04	BDL	11.7	3.2	9.5	1.5
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PERCHED AQUIFER (ALLUVIUM)																								
Los Alamos Canyon																								
LAO-0.7	o	T	11/30/94	<710	BDL	<0.76	BDL	<3.78	BDL	NA	-	0.33	<0.04	0.33	<0.09	BDL	0.35	0.08	0.09	0.04	7.22	2.2	6.9	1.3
		F	6/21/95	NA	-	NA	-	NA	-	NA	-	4.44	0.14	3.45	<0.06	BDL	0.41	0.08	NA	-	32	5.2	20.9	3
LAO-1		F	6/21/95	<170	BDL	NA	-	<3.04	BDL	NA	-	0.16	<0.03	0.09	<0.06	BDL	0.05	0.02	<13.9	BDL	<2.3	BDL	12.9	1.9
LAO-2		T	6/9/94	886.3	76.4	39.23	4.3	<1.480	BDL	0.089	0.012	NA	NA	NA	0.027	0.018	<0.018	BDL	<3.970	BDL	<3.31	BDL	73.27	8.78
(duplicate)		T	6/9/94	941.4	81.2	35.85	3.94	<1.548	BDL	0.088	0.012	NA	NA	NA	<0.033	BDL	<0.015	BDL	<7.077	BDL	<2.99	BDL	65.18	7.86
		F	6/21/95	<170	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-
LAOR-1		T	6/9/94	1866.7	185.4	27	3.07	<3.026	BDL	4.369	0.588	NA	NA	NA	<0.030	BDL	0.053	0.022	<11.688	BDL	7.03	1.92	52.87	6.49
LAO-B		T	6/13/94	NA	-	<0.74	BDL	<2.990	BDL	0.61	0.08	NA	NA	NA	<0.036	BDL	<0.019	BDL	<11.858	BDL	<1.43	BDL	2.68	0.62
		F	1/17/95	NA	-	<0.88	BDL	<2.10	BDL	NA	-	0.08	<0.03	<0.05	<0.13	BDL	<0.04	BDL	0.15	0.04	<1.5	BDL	<1.8	BDL
		T	1/17/95	NA	-	<3.8	BDL	<7.61	BDL	NA	-	0.23	<0.10	<0.20	<0.57	BDL	<0.19	BDL	0.56	0.15	<4.0	BDL	<6.8	BDL
LAO-0.3		T	6/14/94	NA	-	<0.76	BDL	<3.398	BDL	<0.54	BDL	NA	NA	NA	<0.052	BDL	0.146	0.039	<13.129	BDL	<3.10	BDL	<3.07	BDL
LAO-0.6		T	6/14/94	NA	-	<0.72	BDL	<1.557	BDL	<0.60	BDL	NA	NA	NA	0.058	0.025	<0.023	BDL	<7.248	BDL	<4.54	BDL	6.53	1.51
LAO-0.8		T	6/15/94	<166.8	BDL	<0.80	BDL	<2.840	BDL	1.22	0.15	NA	NA	NA	<0.040	BDL	0.023	0.018	<13.743	BDL	<3.45	BDL	6.94	1.33
LAO-0.91		T	6/16/94	564.1	48.7	2.67	0.56	<3.502	BDL	<0.59	BDL	NA	NA	NA	<0.072	BDL	0.035	0.018	<12.625	BDL	<2.13	BDL	9.8	1.49
(duplicate)		F	6/16/94	630	220	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Canyon																								
PCO-1	o	T	6/22/94	293.4	25.3	<0.68	BDL	<2.804	BDL	<0.24	BDL	NA	NA	NA	<0.057	BDL	<0.022	BDL	<13.814	BDL	<1.76	BDL	4.56	0.85
PCO-2	o	T	6/22/94	293.4	25.3	4.49	0.82	<3.408	BDL	3.52	0.43	NA	NA	NA	<0.068	BDL	<0.034	BDL	<12.868	BDL	48.01	7.31	47	5.91
PCO-3	o	T	8/15/94	<167.2	25.3	<0.72	BDL	NA	-	11.299	1.553	NA	NA	NA	<0.014	BDL	<0.021	BDL	NA	-	55.08	8.37	63.16	7.96
		F	6/20/95	NA	-	NA	-	NA	-	NA	-	0.18	0.03	0.08	NA	-	NA	-	NA	-	NA	-	NA	-
18-01685		F	8/1/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<3.7	BDL	5	1
Mortandad Canyon																								
MCO-5	o	T	6/23/94	22137.9	1899.2	38.12	4.2	<1.591	BDL	2.58	0.3	NA	NA	NA	0.045	0.028	0.077	0.028	<7.220	BDL	<7.06	BDL	141.57	16.72
Pueblo Canyon																								
APCO-1	o	T	6/20/94	<165.8	BDL	1.08	0.27	<3.453	BDL	0.94	0.17	NA	NA	NA	<0.047	BDL	0.077	0.033	<12.785	BDL	<6.38	BDL	25.5	4.21
		F	6/23/95	<180	BDL	NA	-	NA	-	NA	-	NA	NA	NA	<0.03	BDL	0.06	0.02	NA	-	<8.7	BDL	23.9	3.4
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Canada de Buey																								
CDBO-6		T	11/29/94	NA	-	NA	-	<1.82	BDL	NA	-	NA	NA	NA	NA	-	NA	-	<6.32	BDL	6.37	1.71	7.58	1.75
		F	8/14/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<3.9	BDL	3.2	1.1
CDBO-7		T	11/29/94	NA	-	NA	-	<1.88	BDL	NA	-	NA	NA	NA	NA	-	NA	-	<7.12	BDL	16.81	3.18	20.6	3.14
PERCHED AQUIFER (SHALLOW VOLCANICS)																								
B1		F	2/2/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.03	BDL	<0.01	BDL	NA	-	NA	-	NA	-
SUPPLY WELLS																								
Offsite																								
G-1A		T	7/14/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.71	BDL	<0.57	BDL	NA	-	NA	-	NA	-
G-6		T	7/14/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.66	BDL	<0.61	BDL	NA	-	NA	-	NA	-
Onsite																								
O-4		T	4/28/94	NA	-	<0.72	BDL	<3.356	BDL	0.89	0.12	NA	NA	NA	<0.009	BDL	0.023	0.018	<12.788	BDL	<2.15	BDL	<3.52	BDL
PM-2		T	7/14/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.52	BDL	<0.37	BDL	NA	-	NA	-	NA	-
PM-3																								
(TEST @ 14:32)		T	4/25/94	NA	-	<0.77	BDL	<3.379	BDL	NA	-	NA	NA	NA	NA	-	NA	-	<12.625	BDL	NA	-	NA	-
(TEST @ 13:29)		T	4/26/94	NA	-	<0.79	BDL	<2.865	BDL	NA	-	NA	NA	NA	NA	-	NA	-	<13.684	BDL	NA	-	NA	-
(TEST @ 13:16)		T	4/27/94	NA	-	<0.74	BDL	<2.951	BDL	NA	-	NA	NA	NA	NA	-	NA	-	<11.116	BDL	NA	-	NA	-
(TEST @ 13:21)		T	4/28/94	NA	-	<0.72	BDL	<2.753	BDL	NA	-	NA	NA	NA	NA	-	NA	-	<9.529	BDL	NA	-	NA	-
		T	7/14/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.30	BDL	<0.25	BDL	NA	-	NA	-	NA	-
San Ildefonso Pueblo																								
LA-5	o	T	7/29/94	NA	-	<0.67	BDL	<2.962	BDL	1.198	0.161	NA	NA	NA	<0.039	BDL	<0.017	BDL	<11.444	BDL	<2.21	BDL	2.2	0.6
OTOWI HOUSE	o	T	7/29/94	NA	-	<0.68	BDL	<4.017	BDL	4.677	0.63	NA	NA	NA	0.059	0.024	0.032	0.018	<16.135	BDL	<3.24	BDL	<3.77	BDL
		F	5/24/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.25	BDL	<0.05	BDL	NA	-	<4.7	BDL	4.3	1.4
OLD COMMUNITY	o	T	7/27/94	NA	-	<0.81	BDL	<3.992	BDL	44.28	5.961	NA	NA	NA	<0.057	BDL	<0.023	BDL	<15.984	BDL	16.38	2.79	6.07	1.11
PAJARITO PUMP 1	o	T	7/27/94	NA	-	1.01	0.39	<2.757	BDL	6.8	0.918	NA	NA	NA	<0.048	BDL	<0.032	BDL	<13.778	BDL	<4.11	BDL	<4.46	BDL
WESTSIDE ARTESIAN	o	T	7/27/94	NA	-	<0.68	BDL	<3.259	BDL	27.03	3.638	NA	NA	NA	<0.048	BDL	<0.039	BDL	<12.511	BDL	12.68	4.56	<14.65	BDL
HALLADAY HOUSE		T	5/25/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.08	BDL	<0.02	BDL	NA	-	<2.7	BDL	<3.8	BDL
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SPRINGS																								
White Rock Canyon																								
ANCHO		T	4/5/94	<171.6	BDL	<0.77	BDL	<3.250	BDL	0.653	0.086	0.387	0.023	0.212	0.023	0.018	0.117	0.03	<3.141	BDL	<1.20	BDL	<1.73	BDL
	o	T	9/28/94	NA	-	<0.90	BDL	<3.348	BDL	0.247	0.033	NA	NA	NA	<0.033	BDL	<0.019	BDL	0.045	0.015	<2.10	BDL	<1.86	BDL
	o	F	9/12/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	1.36	0.50	3.66	0.94
DOE		T	4/6/94	<171.6	BDL	<0.78	BDL	<3.865	BDL	0.854	0.114	0.964	0.036	0.455	0.018	0.014	0.063	0.024	<3.433	BDL	<1.48	BDL	<1.92	BDL
	o	T	9/29/94	NA	-	<0.92	BDL	<3.295	BDL	0.202	0.027	NA	NA	NA	<0.046	BDL	<0.018	BDL	<0.055	BDL	<2.13	BDL	<1.86	BDL
		F	4/12/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<2.0	BDL	<1.7	BDL
LA MESITA	o	T	7/28/94	NA	-	<0.73	BDL	<3.440	BDL	10.493	1.413	NA	NA	NA	<0.030	BDL	<0.016	BDL	<12.675	BDL	<3.48	BDL	3.28	0.94
SANDIA		T	4/4/94	<171.6	BDL	<0.82	BDL	<2.892	BDL	1.041	0.14	0.568	0.009	0.374	<0.008	BDL	0.09	0.029	<11.174	BDL	<1.83	BDL	<3.19	BDL
SPRING 1		T	4/4/94	<171.6	BDL	<0.78	BDL	<4.078	BDL	3.357	0.452	1.883	0.054	1.045	0.023	0.023	0.113	0.034	<16.224	BDL	<1.68	BDL	2.24	0.77
		T	3/30/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<4.4	BDL	<2.2	BDL
SPRING 2		T	4/4/94	<171.6	BDL	<0.85	BDL	<2.710	BDL	3.125	0.421	1.739	0.05	0.968	0.009	0.023	0.171	0.041	<13.764	BDL	<2.57	BDL	<3.36	BDL
		T	3/30/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	7.4	2.2	4.7	1
SPRING 3		T	4/4/94	<171.6	BDL	<0.79	BDL	<3.357	BDL	1.491	0.201	0.892	0.023	0.572	<0.009	BDL	0.248	0.054	<12.862	BDL	<1.41	BDL	3.34	0.81
	o	T	9/27/94	NA	-	<1.43	BDL	<3.301	BDL	1.596	0.216	NA	NA	NA	<0.049	BDL	<0.018	BDL	0.059	0.017	<3.07	BDL	3.66	0.96
		F	4/10/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<2.4	BDL	5.55	0.90
SPRING 3A	o	T	9/27/94	NA	-	<1.37	BDL	<4.064	BDL	1.191	0.161	NA	NA	NA	<0.038	BDL	<0.027	BDL	0.045	0.014	<2.30	BDL	<2.29	BDL
		F	4/10/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<2.2	BDL	2.73	0.63
SPRING 3AA		F	5/17/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<1.0	BDL	<1.5	BDL
SPRING 3B	o	T	9/27/94	<0.046	BDL	<1.12	BDL	<1.623	BDL	20.516	2.774	NA	NA	NA	<0.041	BDL	0.023	0.012	<0.046	BDL	17.61	4.18	5.92	1.97
SPRING 4		F	4/20/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<4.3	BLD	<2.0	BLD
SPRING 4A		T	4/5/94	<171.6	BDL	<0.84	BDL	<3.683	BDL	1.039	0.140	0.676	<0.009	0.369	<0.010	BDL	0.077	0.028	<3.523	BDL	<1.47	BDL	<2.19	BDL
		T	9/28/94	NA	-	<0.91	BDL	<2.758	BDL	1.303	0.176	NA	NA	NA	<0.051	BDL	<0.022	BDL	<0.061	BDL	<2.52	BDL	2.65	0.90
		F	3/24/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<3.3	BDL	2.08	0.59
SPRING 4B		F	4/20/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<4.3	BDL	<2.3	BDL
SPRING 5		T	9/28/94	NA	-	<1.22	BDL	<3.273	BDL	0.543	0.073	NA	NA	NA	<0.044	BDL	<0.018	BDL	0.050	0.016	<2.38	BDL	<2.57	BDL
		F	4/10/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<2.4	BDL	2.13	0.58
SPRING 5A	o	T	9/28/94	NA	-	<1.69	BDL	<3.355	BDL	2.835	0.383	NA	NA	NA	<0.046	BDL	0.018	0.01	<0.050	BDL	6.09	1.81	6.39	1.63
	o	F	9/12/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	1.77	0.65	4.8	1.4
SPRING 5B	o	F	9/12/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	1.12	0.49	2.8	1
SPRING 6	o	F	9/12/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.85	BLD	2.34	0.89
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SPRING 6A	o	F	9/12/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.93	BLD	1.89	0.56
SPRING 8A		T	4/5/94	<171.6	BDL	<0.77	BDL	<3.117	BDL	0.133	0.018	0.104	0.023	0.05	0.018	0.018	0.081	0.024	<9.237	BDL	<1.34	BDL	1.94	0.62
	o	T	9/29/94	NA	-	<1.38	BDL	<1.703	BDL	0.087	0.012	NA	NA	NA	<0.031	BDL	0.009	0.007	<0.037	BDL	<2.35	BDL	<2.16	BDL
		F	4/10/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<2.7	BDL	<1.6	BDL
SPRING 9	o	T	9/29/94	NA	-	1.59	0.89	<3.001	BDL	9.4	1.271	NA	NA	NA	<0.043	BDL	<0.014	BDL	<0.048	BDL	6.1	1.55	4.97	1.06
SPRING 9A		T	4/6/94	<171.6	BDL	<0.73	BDL	<1.598	BDL	0.613	0.083	0.428	0.018	0.212	0.018	0.014	0.239	0.049	<4.047	BDL	<3.79	BDL	<8.77	BDL
	o	T	9/29/94	NA	-	<1.01	BDL	<3.764	BDL	0.374	0.051	NA	NA	NA	<0.047	BDL	<0.023	BDL	<0.058	BDL	<2.33	BDL	<2.53	BDL
SPRING 9B		F	4/12/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<2.0	BDL	<1.5	BDL
Los Alamos Canyon																								
BASALT	o	T	7/28/94	NA	-	1.15	0.24	<4.087	BDL	0.466	0.063	NA	NA	NA	<0.032	BDL	0.018	0.014	<16.303	BDL	<5.13	BDL	5.10	1.4
		F	5/3/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.46	BDL	<0.18	BDL	NA	-	<4.1	BDL	6.9	1.4
		F	5/25/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.03	BDL	<0.04	0.02	NA	-	<2.6	BDL	7	1.1
LOS ALAMOS		F	5/3/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	<0.11	BDL	<0.04	BDL	NA	-	331	47	69.9	8.5
		F	6/6/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<2.7	BDL	3.42	0.97
		T	6/6/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<2.8	BDL	4.09	0.99
LA-11.2		T	3/10/95	NA	-	<1.4	BDL	NA	-	NA	-	0.22	<0.04	0.22	<0.18	BDL	<0.09	BDL	<0.15	BDL	<3.6	BDL	3.6	0.73
LA-5.19		F	12/16/94	320	110	0.96	0.52	<3.45	BDL	NA	-	0.08	<0.03	<0.06	<0.11	BDL	0.06	0.03	0.01	0.05	<4.0	BDL	7.2	1.4
		F	7/14/95	<190	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	3.2	1.2	8.8	1.3
Pajarito Canyon & Tributaries																								
CHARLIE'S	o	T	7/22/94	<167.3	BDL	<0.85	BDL	<2.981	BDL	0.241	0.033	NA	NA	NA	<0.035	BDL	<0.011	BDL	<2.693	BDL	<2.92	BDL	<4.38	BDL
		F	2/24/95	NA	-	<0.66	BDL	NA	-	NA	-	0.23	<0.03	0.14	<0.08	BDL	0.03	0.02	<0.07	BDL	<3.4	BDL	4.87	0.9
STARMER'S	o	T	7/22/94	<167.3	BDL	<0.79	BDL	<3.180	BDL	0.264	0.036	NA	NA	NA	<0.021	BDL	<0.014	BDL	<2.6712	BDL	<1.61	BDL	3.21	0.67
		F	2/24/95	NA	-	<0.69	BDL	NA	-	NA	-	0.24	<0.02	0.16	<0.06	BDL	0.04	0.02	<0.07	BDL	<2.6	BDL	3.49	0.75
HOMESTEAD		F	2/24/95	NA	-	<0.97	BDL	NA	-	NA	-	0.06	<0.02	0.09	<0.08	BDL	<0.05	BDL	<0.05	BDL	<2.4	BDL	3.62	0.87
BULLDOG		F	2/24/95	NA	-	<0.68	BDL	NA	-	NA	-	0.27	<0.04	0.23	<0.09	BDL	0.04	0.02	<0.09	BDL	<2.5	BDL	4.92	0.89
SM-30		F	8/23/94	<167.7	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-
		F	2/2/95	<170	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-
SM-30A	o	F	6/29/95	310	140	<0.71	BDL	<3.30	BDL			0.07	<0.03	0.06	<0.06	BDL	<0.03	BDL	<0.06	BDL	<3.1	BDL	4.64	0.97
TA-18		T	3/21/94	NA	-	NA	-	<3.095	BDL	0.14	0.019	NA	NA	NA	NA	-	NA	-	<3.069	BDL	<0.96	BDL	3.2	0.65
		T	3/13/95	NA	-	<0.75	BDL	NA	-	NA	-	0.05	<0.04	<0.05	<0.016	BDL	<0.05	BDL	<0.10	BDL	<2.9	BDL	2.78	0.66
THREEMILE (A)		F	6/23/95	<200	BDL	<0.70	BDL	<3.40	BDL	NA		0.74	0.03	2.55	<0.04	BDL	<0.02	BDL	<0.10	BDL	4.4	1.2	5.2	1.1
::																								
THREEMILE (B)		F	6/23/95	350	126	<0.67	BDL	<3.99	BDL	NA	-	0.37	<0.07	0.88	<0.08	BDL	<0.03	BDL	<0.12	BDL	<2.0	BDL	3.9	1.1
		F	8/18/95	220	110	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-
Tensite Canyon																								
TS-1.42		F	10/18/95	830	307	14	1.4	<22	BDL	NA	-	<1.5	<1.0	<0.96	2.6	0.87	0.86	0.49	<0.07	BDL	10	2.9	45	3.8
Water Canyon & Tributaries																								
BURNING GROUND		T	3/17/95	NA	-	<0.68	BDL	NA	-	NA	-	0.63	0.03	0.70	<0.14	BDL	<0.08	BDL	<0.10	BDL	<4.4	BDL	3.87	0.97
SWSC		T	3/17/95	NA	-	<0.70	BDL	NA	-	NA	-	0.37	<0.03	0.23	<0.10	BDL	<0.03	BDL	<0.13	BDL	<4.3	BDL	10.1	1.6
MARTIN		F	5/12/95	NA	-	NA	-	NA	-	NA	-	0.77	<0.02	0.52	NA	-	NA	-	NA	-	<6.7	BDL	3.5	1
PETER		F	6/2/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<4.1	BDL	5.1	1.2
HOLLOW		T	12/9/94	NA	-	NA	-	NA	-	1.94	0.27	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-
		F	3/17/95	NA	-	<0.68	BDL	NA	-	NA	-	0.38	<0.02	0.21	<0.09	BDL	<0.03	BDL	<0.12	BDL	<2.8	BDL	6.8	1
FISH LADDER		F	6/2/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<3.5	BDL	4.6	1.3
WC-6.25		F	8/4/95	660	140	NA	-	NA	-	NA	-	0.1	<0.04	0.14	NA	-	NA	-	NA	-	<2.5	BDL	5.87	0.94
Other Springs																								
SACRED	o	T	7/28/94	NA	-	<0.79	BDL	<2.866	BDL	0.854	0.115	NA	NA	NA	<0.032	BDL	<0.015	BDL	<13.800	BDL	<1.40	BDL	3.57	0.71
GC-10.8		T	3/26/95	NA	-	<0.74	BDL	<1.69	BDL	NA	-	0.22	<0.03	0.18	<0.1	BDL	<0.05	BDL	<0.33	BDL	<4.4	BDL	6.4	1.1
		F	10/16/95	NA	-	<1.2	BDL	<3.47	BDL	NA	-	0.18	<0.05	0.15	<0.11	BDL	<0.04	BDL	0.17	0.12	<0.54	BDL	3.39	0.76
PINE SPRING		F	10/16/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.63	BDL	4.8	1
GC-0.36	o	T	12/27/94	NA	-	<0.83	BDL	<1.77	BDL	NA	-	0.22	<0.02	0.17	<0.06	BDL	<0.03	BDL	<6.14	BDL	NA	-	NA	-
WATER CANYON GALLERY		T	5/24/94	<182.9	BDL	NA	-	<3.032	BDL	NA	-	NA	NA	NA	NA	-	NA	-	<10.884	BDL	NA	-	NA	-

o - sample not recieved at contract laboratory at 4 degress celsius
NA - Not analyzed or not available
BDL - Below method detection limits
UNC - Uncertainties (2 sigma)
T: indicates that the sample was acidified prior to filtration or analysis, and represents total metals.
F: indicates that the sample was filtered through a 0.45 micron filter prior to acidification or analysis, and represents dissolved metals.

NMED DOE Oversight Bureau surface-water quality results for 1994 & 1995 Environmental Surveillance: general chemistry

STATION ID	TIME	Date	Br mg/L	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	TOT. PHOS (mg/L)	SO4 (mg/L)	NO3-N (mg/L)	KJELD-N (mg/L)	AMMON. (mg/L)	TDS (mg/L)	TSS (mg/L)	ALK (mg/L)	FIELD pH (S.U.)	FIELD SC (umho/cm)	TEMP. (C)
ACID/PUEBLO																						
Pueblo-5.50	(16:00)	4/24/95	NA	19	3	6	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LOS ALAMOS CANYON																						
LA-4.0	(15:08)	3/23/95	<0.4		10	2.7	3	17	34 <0.5	<5		45	0.09	14	0.11 <0.5	<0.05		121	56 NA	NA	NA	NA
	(10:20)	4/24/95	<0.5	13	4	4	26	49	<0.5	<5	61	NA	5	NA	NA	NA	170	27	61	NA	NA	NA
	(07:00)	6/27/95	NA		12	3	4	24 NA	NA	NA	NA	NA	NA	NA	NA	NA		160	7	54 NA	NA	NA
HILL SIDE 138	(13:30)	(8/29/95)	NA	7.6	1.3	2.5	9.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	121	<5	NA	NA	NA	NA
	Above (13:40)	(8/29/95)	NA	25.9		3.7	4.4 21.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	267		12 NA	NA	NA	NA
	West (13:55)	(8/29/95)	NA	6.8		1.2 2.5	10.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	90	6	NA	NA	NA	NA
	***(15:45)	6/26/95	NA	14		2 2	11	4	0.5	<1	55	NA	<10	NA	NA	NA	200	4800	55	NA	NA	NA
	grab(15:45)	6/26/95	NA	16	2	2	7	<6	0.3	<1	70	NA	<10	NA	NA	NA	510	2600	70	NA	NA	NA
HILL SIDE 140	0.770833333	4/24/95	NA		17	3	6	67 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(15:45)	6/26/95	NA	6	<1	3	30	36	<0.2	<1	46	0.14	<10	<0.1	1.1 <0.05		200	31	46	NA	NA	NA
LA-5.3	(14:38)	5/12/94	NA		13	2.9 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(14:39)	5/12/94	NA		12	3.4 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(14:42)	5/12/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.09	NA	<0.10	0.3	0.1 NA		NA	NA	NA	NA	NA
	(14:40)	5/12/94	NA	16.00Q	8.00Q	NA	29.00Q	47.00	0.30		0 40.50	NA	5.00	NA	NA		184		10 33.20	NA	NA	NA
	(8:15)	5/17/94	NA	17.00Q	5.00Q	4.00	28.00Q	46.00	0.30		0 39.20	<0.09	5.00		0.1	0.2 <0.10		190	9 32.20	NA	NA	NA
	(8:51)	5/17/94	NA	12.00Q	3.20Q	5.00	29.00Q	46.00	0.30		0 41.70	<0.09	7.00		0.1	0.3 <0.10		182	11 34.20	NA	NA	NA
	(9:28)	5/17/94	NA	13.00Q	3.30Q	5.00	28.00Q	47.00	0.30		0 44.10	<0.09	5.00		0.1	0.2 <0.10		174	4.5 36.20	NA	NA	NA
	(13:04)	5/17/94	NA	12.00Q	3.40Q	5.00	28.00Q	47.00	0.30		0 41.70	<0.09	5.00		0.1	0.1 <0.10		182	5 34.20	NA	NA	NA
	(14:51)	5/17/94	NA	12.00Q	3.40Q	5.00	29.00Q	47.00	0.30		0 44.10	<0.09	5.00	<0.10		0.1 <0.10		204	22 36.20	NA	NA	NA
	(16:35)	5/17/94	NA	12.00Q	3.50Q	5.00	30.00Q	48.00	0.30		0 44.10	<0.09	5.00	<0.10		0.2 <0.10		194	3 36.20	NA	NA	NA
	(12:02)	5/25/94	NA	12.00Q		3.1 7.00	26.00Q	43.00	0.30		0 46.20		1.7 11.00	<0.10		3.9	0.4	196	5650 37.90	NA	NA	NA
	(12:16)	5/25/94	NA	8.90Q	2.00Q	6.00	18.00Q	23.00	0.30		0 36.50		1.5 6.00		0.3	8.4	0.3	188	2340 29.90	NA	NA	NA
	(12:38)	5/25/94	NA	7.10Q	1.50Q	4.00	15.00Q	18.00	0.30		0 36.20		1.9 5.00		0.3	13.9	0.3	178	7510 29.60	NA	NA	NA
	(12:52)	5/25/94	NA	5.90Q	1.30Q	6.00	15.00Q	14.00	0.30		0 36.00		1 5.00		0.3	3.26	0.2	200	4742 29.00	NA	NA	NA
	(13:45)	5/25/94	NA	6.60Q	1.30Q	6.00	14.00Q	13.00	0.20		0 36.70		1.1 7.00		0.2	4.7	0.3	196	3060 30.10	NA	NA	NA
	(15:10)	5/25/94	NA	6.90	1.40	6.00	15.00	16.00	0.30		0 36.00		1 <5.00		0.2	4.1	0.3	170	2420 30.00	NA	NA	NA
LA 6.6	(11:06)	5/24/94	NA		21	8.1	3	20 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(14:25)	3/10/95	NA		14	3.6 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP CANYON																						
DPS-0.1	(15:06)	4/11/94	NA		22	2.2 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(10:45)	4/24/95	NA	19	2	10	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DPS-0.4	(14:30)	6/21/95	NA		17	2	9	39 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SANDIA CANYON																						
Sandia - 7.38	(15:37)	4/25/95	NA		17	4	12	71 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(15:37)	4/25/95	NA		16	4	12	69 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MORTANDAD CANYON & TRIBUTARYS																						
MORTANDAD -0.1	(16:10)	4/04/94	NA	25	6.7	15	76	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
@ GS-1	(13:34)	6/23/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.09	NA	3.80	0.60	<0.10	NA	NA	NA	NA	NA	NA
TEN SITE	(13:15)	8/21/94	NA	3.40	0.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(13:20)	8/21/94	NA	2.90	0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(13:38)	8/21/94	NA	2.90	0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(14:02)	8/21/94	NA	2.90	0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
@SR 4 o	(14:07)	8/29/95	NA	20.3	7.2	9.7	19.0	NA	NA	NA	NA	NA	NA	0.24Q	NA	NA		684	49 NA	NA	NA	NA
PAJARITO CANYON & TRIBUTARYS																						
PA-2.08	(12:28)	3/10/95	NA		23	6.6 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	(18:50)	4/23/95	NA	25	7	6	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PA-6.70	(11:20)	7/22/94	NA		12	3.7 NA	NA	NA	NA	NA	NA	<0.09	NA	<0.10Q	0.40Q	<0.10Q	NA	NA	NA	NA	NA	NA
PA-8.58	(13:30)	4/28/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		153 NA	NA	NA	NA	NA
PA-10.32	(09:45)	4/25/95	<0.5	6	3	2	3	<5	<0.5	<5	40	NA	<5	NA	NA	NA	54	11	40	NA	NA	NA
STARMERS GULCH ABOVE PAJARITO	(13:20)	7/1/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.09Q	NA	0.20Q	0.30Q	0.10Q	NA	NA	NA	NA	NA	NA
PAJARITO BELOW CONF. WITH STARMERS	(14:45)	7/22/94	NA		10	3.4 NA	NA	NA	NA	NA	NA	<0.09Q	NA	0.20Q	0.10Q	0.10Q	NA	NA	NA	NA	NA	NA
BU0.1	(13:00)	7/22/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.09Q	NA	0.40Q	0.20Q	0.30Q	NA	NA	NA	NA	NA	NA
CANADA DEL BUEY CANYON																						
GS-1 below TA-54	(9:30)	8/2/95	NA		18	7.3	7	17	68	0.51 <5.0		73	0.22	16.7	0.22 <0.2	<0.050		331	14	73 NA	NA	NA
@SR4	(14:55)	8/29/95	NA	21.6	5.7	7.8	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA		532	24 NA	NA	NA	NA
POTRILLO CANYON																						
@ SR 4	(14:30)	8/29/95	NA	13.8	2.5	3.8		7 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CANON DE VALLE & TRIBUTARYS																						
VA-2.6	(10:43)	3/22/95	<0.4		15	4.5 3	22		19 <0.2	<5	80	0.11	21	0.40	<0.05	<0.05	74	<10	NA	NA	NA	NA
	(9:50)	7/1/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.09	NA	0.10Q	0.60Q	0.10Q	NA	NA	NA	NA	NA	NA
VA-0.1	(11:36)	5/26/94	NA		13	3.4	5	13	7	0.2	0	65.7 <0.09		7 <0.10Q	0.40Q	0.20Q		150	2.5	53.8 NA	NA	NA
WA-6.7	(10:26)	5/26/94	NA		12	3.6	5	15	16	0.1	0	54 <0.09		7 <0.10Q	0.40Q	0.20Q		192	10	44 NA	NA	NA
FL-0.1	(11:30)	12/09/94	NA	11	3.9	5	10	5	<0.2	<1	32	<0.09	<25	NA	NA	NA	NA	NA		32 NA	NA	NA
	(09:50)	7/01/94	NA		7	4	5	14 <5.00		0.3	0	54 NA		14 NA	NA	NA		238	6	44 NA	NA	NA
ANCHO CANYON																						
AN-O.O6	(15:25)	9/28/94	NA		15	4.5 NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
@ SR 4	(14:20)	8/29/95	NA	16.3	5.7		8.6	12.5 NA	NA	NA	NA	NA	NA	NA	NA	NA	515	125	NA	NA	NA	NA
FRIJOLES CANYON																						
FRIJOLES -0.1	(13:05)	4/4/94	NA	8	2.7	<2	9.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RIO GRANDE CANYON																						
SANCHEZ	(16:00)	4/12/95	<0.4	32		7	3 14	<5	<0.5	<5		95 NA		56 NA	NA	NA		160	130	95 NA	NA	NA

*NOT PRESERVED
**DUPLICATE
***COMPOSITE
NA-NOT ANALYZED
ND-NOT DETECTED
Q=sample held beyond normal holding time
o - sample not recieved at contract laboratory at 4 degress celsius
FILTERED

NMED DOE Oversight Bureau surface-water quality results for 1994 & 1995 Environmental Surveillance:total/dissolved metals

STATION ID		Time	Date	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Hg (mg/L)	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
ACID/PUEBLO																												
Acid Wier		(10:20)	8/17/95	<0.01	2.2	<0.06	0.04	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	1.7	<0.0002	NA	0.03	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.05	<0.2	<0.01	0.03
Pueblo-5.50		(16:00)	4/24/95	<0.01	0.2	<0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	7.5	<0.02	0.11	<0.01	<0.01	0.06
LOS ALAMOS CANYON																												
LA / Reservoir	o	(10:15)	7/12/94	<0.01	0.5	<0.06	<0.2	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	0.3	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.06	<0.2	<0.01	<0.02
LA-4.0		(15:08)	3/23/95	<0.01		0.3 <0.005	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01		0.1 <0.0002	<0.01	<0.01	0.03	<0.02	<0.003	<0.06	<0.005		16 <0.02	0.07	<0.005	<0.01	<0.02
		(10:20)	4/24/95	<0.01	1.4	<0.01	0.02	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.9	<0.0002	<0.01	0.02	0.07	<0.02	<0.003	<0.02	<0.005	16	<0.02	0.09	<0.01	<0.01	0.08
		(07:00)	6/27/95	NA	NA	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	<0.1	<0.0002	<0.01	<0.01	0.06	<0.02	<0.003	<0.02	<0.005		17 <0.01	0.08	<0.01	<0.01	<0.02
LA-5.3		(14:38)	5/12/94	<0.10	1.8	<0.0010	<0.10	<0.10	<0.10	<0.0010	0.003	<0.05	<0.01	0.9	<0.0005	NA	<0.05	0.046	<0.10	0.003	NA	<0.0050		0.3 <0.10	<0.10	NA	<0.10	0.01
		(08:51)	5/17/94	<0.10	0.9	<0.0010	<0.10	<0.10	<0.10	<0.0010	0.001	<0.05	<0.01	0.4	<0.0005	NA	<0.05	0.038	<0.10	<0.0010	NA	<0.0050		18 <0.10	<0.10	NA	<0.10	<0.01
		(09:28)	5/17/94	<0.10	1	<0.0010	<0.10	<0.10	<0.10	<0.0010	0.001	<0.05	<0.01	0.4	<0.0005	NA	<0.05	0.038	<0.10	<0.0010	NA	<0.0050		19 <0.10	<0.10	NA	<0.10	<0.01
		(13:04)	5/17/94	<0.10	0.5	<0.0010	<0.10	<0.10	<0.10	<0.0010	<0.0010	<0.05	<0.01	0.2	<0.0005	NA	<0.05	0.04	<0.10	<0.0010	NA	<0.0050		18 <0.10	<0.10	NA	<0.10	<0.01
		(14:39)	5/12/94	<0.10	0.3	<0.0010	<0.10	<0.10	<0.10	0.002	<0.0010	<0.05	<0.01	0.2	<0.0005	NA	<0.05	0.039	<0.10	0.003	NA	<0.0050		17 <0.10	<0.10	NA	<0.10	0.03
		(14:51)	5/17/94	<0.10	0.5	<0.0010	<0.10	<0.10	<0.10	<0.0010	0.001	<0.05	<0.01	0.2	<0.0005	NA	<0.05	0.041	<0.10	<0.0010	NA	<0.0050		18 <0.10	<0.10	NA	<0.10	<0.01
		(16:35)	5/17/94	<0.10	0.5	0.001	<0.10	<0.10	<0.10	<0.0010	<0.0010	<0.05	<0.01	0.6	<0.0005	NA	<0.05	0.042	<0.10	<0.0010	NA	<0.0050		18 <0.10	<0.10	NA	<0.10	<0.01
		(12:02)	5/25/94	<0.10	0.6	<0.0010	<0.10	<0.10	<0.10	<0.0010	0.001	<0.05	<0.01	0.3	<0.0005	NA	<0.05	0.05	<0.10	<0.0010	NA	<0.0050		15 <0.10	<0.10	NA	<0.10	0.02
		(12:38)	5/25/94	<0.10	0.3	0.001	<0.10	<0.10	<0.10	<0.0010	0.002	<0.05	<0.01	0.1	<0.0005	NA	<0.05	0.01	<0.10	0.001	NA	<0.0050		0.6 <0.10	<0.10	NA	<0.10	0.03
		(12:16)	5/25/94	<0.10	0.2	0.001	<0.10	<0.10	<0.10	<0.0010	0.001	<0.05	<0.01	0.1	<0.0005	NA	<0.05	0.015	<0.10	<0.0010	NA	<0.0050		7.8 <0.10	<0.10	NA	<0.10	0.02
		(12:52)	5/25/94	<0.10	1.4	0.002	<0.10	<0.10	<0.10	<0.0010	0.003	<0.05	<0.01	0.8	<0.0005	NA	<0.05	0.013	<0.10	0.003	NA	<0.0050		0.4 <0.10	<0.10	NA	<0.10	0.05
		(15:10)	5/25/94	<0.10	1.2	0.001	<0.10	<0.10	<0.10	<0.0010	0.002	<0.05	<0.01	0.6	<0.0005	NA	<0.05	0.016	<0.10	0.001	NA	<0.0050		7.4 <0.10	<0.10	NA	<0.10	0.05
		(13:45)	5/25/94	<0.10	1.6	0.001	<0.10	<0.10	<0.10	<0.0010	0.003	<0.05	<0.01	0.8	<0.0005	NA	<0.05	0.01	<0.10	0.002	NA	<0.0050		0.5 <0.10	<0.10	NA	<0.10	0.04
LA 6.6		(11:06)	5/24/94	<0.01	<0.2	<0.005	<0.09	<0.1	<0.001	<0.005	0.01	<0.01	0.01	0.1	<0.0002	0.04	<0.01	<0.01	<0.02	<0.003	<0.06	<0.005		44 <0.2	<0.01	<0.03	0.02	0.05
		(14:25)	3/10/95	<0.01	0.7	0.001	<0.1000	0.1	<0.10	<0.0010	<0.0010	<0.001	<0.01	0.3	<0.0005	NA	<0.05	0.005	<0.10	<0.001	NA	<0.0050		17 <0.10	<0.10	NA	<0.10	0.02
HILL SIDE 138		(13:30)	(8/29/95)	<0.02	4.7	<0.0050	NA	0.039	<0.005	<0.0020	<0.02	<0.02	<0.02	2.8	0.0048	NA	0.027	<0.02	<0.05	<0.0050	<0.1	<0.0050	NA	<0.1	NA	<0.0050	<0.02	<0.05
		Above (13:	(8/29/95)	<0.02	9.8	<0.0050	NA	0.10	<0.005	<0.0020	<0.02	<0.02	<0.02	5.8	0.0053	NA	0.069	<0.02	<0.05	0.097	<0.1	<0.0050	NA	<0.1	NA	<0.0050	<0.02	<0.05
		West (13:5	(8/29/95)	<0.02	4.7	<0.0050	NA	0.033	<0.005	<0.0020	<0.02	<0.02	<0.02	2.5	0.0022	NA	0.024	<0.02	<0.05	0.0057	<0.1	<0.0050	NA	<0.1	NA	<0.0050	<0.02	<0.05
		***(15:45)	6/26/95	NA.	NA	<0.01	NA	0.4	<0.005	<0.005	<0.01	<0.01	0.05	0.3	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	4.9	<0.01	0.10	<0.01	<0.01	0.02
		(15:45)	6/26/95	NA.	NA	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	0.03	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	4.5	<0.01	0.11	<0.01	<0.01	<0.02
HILL SIDE 140		0.770833	4/24/95	<0.01		0.3 <0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01		0.1 <0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005		13 <0.02	0.09	<0.01	<0.01	<0.02
		(15:45)	6/26/95	NA	NA	<0.01	NA	<0.1	<0.005	<0.005	<0.01	<0.01	0.04	0.6	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	7.4	<0.01	0.03	<0.01	<0.01	0.04
DP CANYON																												
DPS-0.1		(15:06)	4/11/94	<0.01	1.5	0.001	<0.10	<0.10	<0.10	<0.0010	0.002	<0.05	<0.01	0.9	<0.0005	NA	<0.05	0.002	<0.10	0.003	NA	<0.0050		0.8 <0.10	0.1	NA	<0.10	0.01
		(10:45)	4/24/95	<0.01	0.2	<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	6.8	<0.02	0.11	<0.01	<0.01	0.02
		(13:00)	8/15/94	<0.01	2.7	<0.06	0.03	<0.1	<0.001	<0.005	<0.0.1	<0.01	<0.01	2.1	<0.0002	NA	0.04	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.07	<0.2	<0.01	0.04
DPS-0.4		(14:30)	6/21/95	<0.01	<0.2	<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005		9.2 <0.01	0.1	<0.01	<0.01	<0.02
SANDIA CANYON																												
SCS-1	o	(11:00)	7/14/94	<0.01	0.3	<0.06	<0.2	<0.1	<0.001	<0.005	<0.01	<0.02	0.01	0.2	<0.0002	NA	0.01	0.56	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.14	<0.2	0.01	0.13
**SCS-1	o	(11:00)	7/14/94	<0.01	0.2	<0.06	<0.2	<0.1	<0.001	<0.005	<0.01	<0.02	0.01	0.2	<0.0002	NA	0.01	0.57	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.14	<0.2	0.01	0.12
SCS-3	o	(10:00)	7/14/94	<0.01	2.2	<0.06	<0.2	<0.1	<0.001	<0.005	0.01	<0.02	0.01	1.7	<0.0002	NA	0.09	0.74	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.11	<0.2	0.01	0.05
Sandia - 7.38		(15:37)	4/25/95	<0.01	0.3	<0.01	0.05	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.3	<0.0002	0.02	<0.01	0.29	<0.02	<0.003	<0.02	<0.005		32 <0.02	0.08	<0.01	0.01	0.04
		(15:37)	4/25/95	<0.01	1.6	<0.01	0.05	<0.1	<0.005	<0.005	0.01	<0.01	<0.01	1.2	<0.0002	0.02	0.02	0.29	<0.02	<0.003	<0.02	<0.005		31 <0.02	0.08	<0.01	0.01	0.05
MORTANDAD CANYON & TRIBUTARYS																												
MORTANDAD -0.1		(16:10)	4/04/94	<0.01	4.4	<0.005	0.31	<0.1	<0.001	<0.0005	<0.01	<0.01	0.03	3.8	<0.0002	0.03	0.11	<0.01	<0.02	<0.003	<0.06	<0.005	50	<0.2	<0.2	<0.005	0.02	0.04
@ GS-1		(13:34)	6/23/94	<0.01	2.6	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	1.8	<0.0002	NA	0.03	0.09	<0.02	<0.003	<0.06	<0.005	NA	<0.2	0.07	<0.2	<0.01	<0.02
TEN SITE		(13:15)	8/21/94	<0.10	2.60	0.0020	<0.10	<0.10	<0.10	<0.0010	<0.0050	<0.05	<0.01	1.70	<0.0005	NA	<0.05	<0.10	<0.10	0.0030	NA	<0.0050	2.30	<0.10	<0.10	NA	<0.10	0.09
		(13:20)	8/21/94	<0.10	1.60	<0.0010	<0.10	<0.10	<0.10	<0.0010	<0.0050	<0.05	<0.01	1.00	<0.0005	NA	<0.05	<0.10	<0.10	0.0020	NA	<0.0050	1.00	<0.10	<0.10	NA	<0.10	0.05
		(13:38)	8/21/94	<0.10	1.20	0.0020	<0.10	<0.10	<0.10	<0.0010	<0.0050	<0.05	<0.01	0.80	<0.0005	NA	<0.05	<0.10	<0.10	0.003	NA	<0.0050	1.30	<0.10	<0.10	NA	<0.10	0.03
		(14:02)	8/21/94	<0.10	1.80	0.0030	<0.10	<0.10	<0.10	<0.0010	<0.0050	<0.05	<0.01	1.20	<0.0005	NA	<0.05	<0.10	<0.10	0.0010	NA	<0.0050	<1.00	<0.10	<0.10	NA	<0.10	0.04
Mort. @SR 4	o	(14:07)	8/29/95	<0.02	37.0	0.0072	NA	0.28	<0.005	<0.0020	0.024	<0.02	<0.02	24.6	0.0024Q	NA	0.30	<0.02	<0.05	0.021	<0.1	<0.0050	NA	<0.1	NA	<0.0050	0.044	0.069
PAJARITO CANYON & TRIBUTARYS																												
PA-2.08		(12:28)	3/10/95	<0.10	0.1	<0.0010	<0.10	0.1	<0.10	<0.0010	<0.0010	<0.05	<0.01	<0.10	<0.0005	NA	<0.05	<0.001	<0.10	<0.001	NA	<0.0050	13.00	<0.10	0.1	NA	<0.10	0.02
		(18:50)	4/23/95	<0.01	<0.2	<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	13	<0.02	0.16	<0.01	<0.01	<0.02
STARMERS GULCH		(14:10)	7/22/94	<0.01		0.6 <0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01		0.4 <0.0002	NA		0.02	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.07	<0.2	<0.01	0.05
PAJARITO BELOW STARMERS		(14:45)	7/22/94	<0.01		0.7 <0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01		0.4 <0.0002	NA		0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.07	<0.2	<0.01	<0.02
		(14:45)	7/22/94	<0.10		0.7 <0.0010	<0.10	<0.10	<0.10	<0.0010	<0.0010	<0.05	<0.01		1 <0.0005	NA	<0.05	<0.10	<0.10	<0.0010	NA	<0.0050		0 <0.10	<0.10	NA	<0.10	0.01
PA-6.70		(11:20)	7/22/94	<0.10		2.4	0.002	<0.10	<0.10	<0.10	0.003	<0.05	<0.01		1.4 <0.0005	NA	<0.05	<0.10	<0.10	0.002	NA	<0.0050		1.2 <0.10	<0.10	NA	<0.10	0.01
		(11:20)	7/22/94	<0.01	1.9	<0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	1.0	<0.0002	NA	0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.09	<0.2	<0.01	<0.02
PA-10.32		(09:45)	4/25/95	<0.01	0.9	<0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.3	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	22	<0.02	0.06	<0.01	<0.01	<0.02
BU-0.01		(13:00)	7/22/94	<0.01	<0.2	<0.06	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.2	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	0.3	<0.005	NA	<0.2	0.10	<0.2	<0.01	0.02
CANADA DEL BUEY CANYON																												
TA-54 below area G		(09:30)	8/2/95	<0.02		11 <0.005	NA	0.14	<0.005	<0.0020	<0.02	<0.02	<0.02		10 <0.0004	0.07	0.192	<0.02	<0.05	0.011	<0.1	<0.10		46 <0.1	0.11	<0.005	<0.02	0.07
TA-54 below area G		09:00	8/18/95	<0.01		14 <0.06	0.07	0.1	<0.001	<0.005	0.01	<0.01	0.06	11	0.0003	NA	0.4	0.16	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.08	<0.2	0.02	0.12
@SR4		(14:55)	8/29/95	<0.02		27.6 <0.0050	NA	0.21	<0.005	<0.0020	<0.02	<0.02	<0.02	17.3	<0.0020	NA	0.22	<0.02	<0.05	0.014	<0.1	<0.0050	NA	<0.1	NA	<0.0050	0.026	0.055
POTRILLO CANYON																												
@ SR 4		(14:30)	8/29/95	<0.02	3.2	<0.0050	NA	0.25	<0.005	<0.0020	<0.02	<0.02	<0.02	1.6	<0.0020Q	NA	0.28	<0.02	<0.05	0.012	<0.1	<0.0050	NA	<0.1	NA	<0.0050	<0.02	<0.05
CANON DE VALLE & TRIBUTARYS																												
VA 0.1		(11:36)	5/26/94	<0.10	1.7	<0.0010	<0.10	1	<0.10	<0.0010	0.001	<0.05	<0.01	0.9	<0.0005	NA	<0.05	<0.001	<0.10	0.001	NA	<0.0050	<1.00	<0.10	<0.10	NA	<0.10	<0.01
VA-2.6		(10:43)	3/22/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	18	NA	0.12	NA	NA	NA
WATER CANYON																												
WA 6.7		(10:42)	5/26/94	<0.10	7.2	0.001	<0.10	0.1	<0.10	<0.0010	0.004	<0.05	<0.01	3.9	<0.0005	NA	<0.05	0.001	<0.10	0.003	NA	<0.0050		1.3 <0.10	<0.10	NA	<0.10	0.01
ANCHO CANYON																												
@ SR 4		(14:20)	8/29/95	<0.02	25.1	0.0060	NA	0.18	<0.005	<0.0020	<0.02	<0.02	<0.02	15.9	0.0044	NA	0.13	<0.02	<0.05	0.016	<0.1	<0.0050	NA	<0.1	NA	<0.0050	0.022	<0.05
FRIJOLES CANYON																												
FRIJOLES -0.1		(13:05)	4/6/94	<0.01	0.8	<0.005	<0.09	<0.1	<0.001	<0.0005	<0.02	<0.01	<0.01	0.8	<0.0002	0.02	0.03	<0.01	<0.02	<0.003	<0.06	<0.005	26	<0.2	<0.2	<0.005	<0.01	<0.02
RIO GRANDE CANYON																												
@SANCHEZ		(16:00)	4/12/95	<0.01	<0.2	<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	0.01	<0.1	<0.0002	0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	8.5	<0.02	0.27	<0.01	<0.01	<0.02
@FRIJOLES		(13:00)	9/13/95	NA	NA	<0.01	NA	0.1	<0.005	NA	<0.01	NA	NA	NA	0.0002	NA	0.15	<0.01	NA	<0.003	<0.02	<0.005	NA	NA	0.33	<0.01	<0.01	<0.02

**DUPLICATE
*NOT PRESERVED
***COMPOSITE
TOTAL METALS
NA-NOT ANALYZED
Q=sample held beyond normal holding time
o - sample not recieved at contract laboratory at 4 degress celsius

NMED DOE Oversight Bureau Surface-Water Quality Results For 94/95:High Explosive Compounds

SAMPLE ID:	VALLE CANYON		WATER CANYON	
SAMPLING DATE:	5/26/94		5/26/94	
SAMPLING TIME:	0.447916667		0.452777778	
PARAMETER	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL
2-AMINO-4,6-DNT & 2-AMINO-2,6-DNT	NA	NA	NA	NA
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	ND	110	ND	110
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	130	ND	130
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	70	ND	70
1,3-DINITROBENZENE (1,3-DNB)	ND	70	ND	70
METHYL-2 ,4,6- TRINITROPHENYLNITRAMINE	ND	80	ND	80
NITROBENZENE (NB)	ND	40	ND	40
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	80	ND	80
2,4-DINITROTOLUENE(2,4-DNT) & 2,6-DINITROTOLUENE(2,6-DNT)	ND	80	ND	80
o-NITROTOLUENE (2-NT)	ND	50	ND	50
p-NITROTOLUENE (4-NT)	ND	60	ND	90
m-NITROTOLUENE (3-NT)	ND	90	ND	60

SAMPLE ID:	(Fish Ladder) FL-0.1		ANCHO @ SR 4	
SAMPLING DATE:	12/09/94		8/29/95	
SAMPLING TIME:	0.479166667		0.597222222	
PARAMETER	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL
4-AMINO-2,6-DNT	NA	NA	ND	0.57
2-AMINO-4,6-DNT	ND	80	ND	0.57
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	ND	110	ND	0.57
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	130	ND	0.57
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	70	ND	0.57
1,3-DINITROBENZENE (1,3-DNB)	ND	70	ND	0.57
TETRYL & NITROBENZENE	ND	80	ND	0.57
NITROBENZENE (NB)	NA	NA	ND	0.57
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	80	ND	0.57
2,4-DINITROTOLUENE(2,4-DNT) & 2,6-DINITROTOLUENE(2,6-DNT)	ND	80	ND	0.57
o-NITROTOLUENE (2-NT)	ND	50	ND	0.57
p-NITROTOLUENE (4-NT)	ND	90	ND	0.57
m-NITROTOLUENE (3-NT)	ND	60	ND	0.57

* - Modified Method 8330
DL - DETECTION LIMIT(ug/L)
ND- NOT DETECTED

SAMPLE ID:	POTRILLO CANYON @ SR 4		WATER CANYON @ SR 4	
SAMPLING DATE:	8/29/95		8/29/95	
SAMPLING TIME:	0.604166667		0.604166667	
PARAMETER	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL
4-AMINO-2,6-DNT	ND	0.57	ND	0.57
2-AMINO-4,6-DNT	ND	0.57	ND	0.57
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	ND	0.57	ND	0.57
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	0.57	ND	0.57
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	0.57	ND	0.57
1,3-DINITROBENZENE (1,3-DNB)	ND	0.57	ND	0.57
TETRYL & NITROBENZENE	ND	0.57	ND	0.57
NITROBENZENE (NB)	ND	0.57	ND	0.57
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.57	ND	0.57
2,4-DINITROTOLUENE(2,4-DNT) & 2,6-DINITROTOLUENE(2,6-DNT)	ND	0.57	ND	0.57
o-NITROTOLUENE (2-NT)	ND	0.57	ND	0.57
p-NITROTOLUENE (4-NT)	ND	0.57	ND	0.57
m-NITROTOLUENE (3-NT)	ND	0.57	ND	0.57

* - Modified Method 8330
DL - DETECTION LIMIT(ug/L)
ND- NOT DETECTED
FILTERED

Table 3 - NMED DOE Oversight Bureau surface-water quality results for 1994 & 1995 Environmental Surveillance: radionuclides/sediment

STATION ID/(TIME)	Time	Date	H3 (pCi/g)	unc	90Sr (pCi/g)	unc	137Cs (pCi/g)	unc	U (pCi/g)	unc	234U (pCi/g)	235U (pCi/g)	238U (pCi/g)	238Pu (pCi/g)	unc	239/240Pu (pCi/g)	unc	241Am (pCi/g)	Ra226 (pCi/g)	unc	Ra228 (pCi/g)	unc	Gross Alpha (pCi/g)	unc	Gross Beta (pCi/g)	unc
LOS ALAMOS CANYON																										
LA-4.0																										
	(18:18)	7/16/95	NA	-	3.5	0.77	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	NA		NA	-	<4.3	BDL	76.7	9.7
	(10:35)	7/18/95	NA	-	6.8	2.7	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA				-	<4.9	BDL	21.1	4.2
	(20:34)	9/7/95	NA		1.46	0.43	4.6	0.41	NA		NA	NA	NA	0.086	0.023	1.83	0.23	0.98	NA		NA		NA		13.3	1.8
	(21:04)	9/7/95	NA		2.81	0.61	7.33	0.62	NA		NA	NA	NA	0.14	0.03	1.42	0.19	1.58	NA		NA		NA		15.9	2.1
	(21:34)	9/7/95	NA		2.78	0.62	6.85	0.54	NA		NA	NA	NA	0.14	0.03	1.5	0.19	1.44	NA		NA		NA		16.5	2.2
	(22:04)	9/7/95	NA		2.69	0.6	7.74	0.93	NA		NA	NA	NA	0.22	0.05	1.39	0.19	1.44	NA		NA		NA		15.9	2.1
LA 5.3																										
	(12:02)	5/25/94																					30	4	55	4
	(12:16)	5/25/94																					37	6	60	6
	(12:38)	5/25/94																					33	6	61	5
	(12:52)	5/25/94																					34	6	63	5
	(13:45)	5/25/94																					36	6	60	5
	(15:10)	5/25/94																					35	7	57	5
LA-6.6							<3.36	BDL																		
HILL SIDE 138																										
	(13:30)	(8/29/95)	NA	-	NA	-	NA	-	NA	-	0.76	ND	0.93	NA	-	NA	-	NA				-	NA	-	NA	-
	***(15:45)	6/26/95	NA	-	1.12	0.56				-	1.48	0.06	1.57	<.01	BDL	0.04	0.01	<.03				BDL	NA		NA	
	(15:45)	6/26/95	NA	-	NA		<.081	BDL	NA		0.76	ND	0.93	NA		NA		0.14				BDL	5.99	0.94	3.99	0.56
DP CANYON																										
DPS-4																										
	(18:55)	7/16/95	NA	-	ND	BDL	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA				-	NA		NA	
SANDIA CANYON																										
SCS-3																										
	(10:00)	7/14/94	<664.4	BDL	NA	BDL	<3.076	BDL	0.50	0.16	NA	NA	NA	0.023	0.014	<0.008	BDL	<3.042				BDL	<4.73	BDL	9.99	2.06
MORTANDAD CANYON & TRIBUTARYS																										
@ GS-1																										
	(13:34)	6/23/94	NA		NA		NA		NA		NA	NA	NA	NA		NA		NA				BDL	23	12	44	13
Mort. @SR 4																										
	(14:07)	8/29/95	NA	-	ND	-	NA	-	NA	-	NA	NA	NA	ND	-	ND	-	ND	1.6	0.28	1.6	0.54	23	12	44	13
TEN SITE	(13:25)	8/21/94																					29	5	44	4
CANADA DEL BUEY CANYON																										
TA-54 below area G																										
	(9:30)	8/2/95	NA	-	NA	-	<15.0	BDL	NA	-	NA	NA	NA	ND	-	4.1	0.77	NA				-	<2.8	BDL	5.7	2.4
@SR4																										
	(14:55)	8/29/95	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA				-	31	14	52	14
POTRILLO CANYON @ SR 4																										
	(14:30)	8/29/95	NA	-	NA	-	NA	-	NA	-	1.2	ND	1.2	NA	-	NA	-	NA								
CANON DE VALLE																										
VA-0.1	(11:47)	5/26/94																					9.1	2.1	46	4
WATER CANYON @ SR 4																										
	(14:30)	8/29/95	NA	-	ND	-	NA	-	NA	-	NA	NA	NA	NA	-	0.64	-	ND	1.6	0.28	1.6	0.54	34	9.7	50	9.9
ANCHO CANYON																										
@ SR 4																										
	(14:20)	8/29/95	NA	-	NA	-	0.75	0.22	NA	-	NA	<.25	NA	NA	-	NA	-	NA				-	23	8	46	9.3

*NOT PRESERVED
**DUPLICATE
***COMPOSITE
NA-NOT ANALYZED
BDL-BELOW DETECTION LIMIT

0.428 0.018 0.212

0.059 <0.009 0.045

Table 1 - NMED DOE Oversight Bureau surface-water quality results for 1994 & 1995 Environmental Surveillance: general chem./sediment

STATION ID/(TIME)	Time	Date	Br mg/kg	Ca mg/kg	Mg mg/kg	K mg/kg	Na mg/kg	Cl mg/kg	F mg/kg	CO3 mg/kg	HCO3 mg/kg	TOT. PHOS mg/kg	SO4 mg/kg	NO3-N mg/kg	KJELD-N mg/kg	AMMON. mg/kg	TDS mg/kg	TSS mg/kg	ALK mg/kg	FIELD pH (S.U.)	FIELD SC (umho/cm)	TEMP. (C)
HILL SIDE 138																						

*NOT PRESERVED
**DUPLICATE
***COMPOSITE
NA-NOT ANALYZED
ND-NOT DETECTED
Q=sample held beyond normal holding time

Table 2 - NMED DOE Oversight Bureau surface-water quality results for 1994 & 1995 Environmental Surveillance: total metals/sediment

STATION ID/(TIME)	Time	Date	Ag (mg/kg)	Al (mg/kg)	As (mg/kg)	B (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Co (mg/kg)	Cu (mg/kg)	Fe (mg/kg)	Hg (mg/kg)	Li (mg/kg)	Mn (mg/kg)	Mo (mg/kg)	Ni (mg/kg)	Pb (mg/kg)	Sb (mg/kg)	Se (mg/kg)	Si (mg/kg)	Sn (mg/kg)	Sr (mg/kg)	Tl (mg/kg)	V (mg/kg)	Zn (mg/kg)
ACID/PUEBLO																											
	(10:20)	8/17/95	<0.01	2.2	<0.06	0.04	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	1.7	<0.0002	NA	0.03	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.05	<0.2	<0.01	0.03
LOS ALAMOS CANYON																											
LA / Reservoir																											
	(10:15)	7/12/94	<0.01	0.5	<0.06	<0.2	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	0.3	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.06	<0.2	<0.01	<0.02
HILL SIDE 138																											
	(15:45)	6/26/95	ND	6900	5	NA	120	1.3	ND	6	3	5	9800	ND	8	230	ND	7	18	ND	ND	2400	2	26	ND	13	60
SCS-1																											
	(11:00)	7/14/94	<0.01	0.3	<0.06	<0.2	<0.1	<0.001	<0.005	<0.01	<0.02	0.01	0.2	<0.0002	NA	0.01	0.56	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.14	<0.2	0.01	0.13
**SCS-1																											
	(11:00)	7/14/94	<0.01	0.2	<0.06	<0.2	<0.1	<0.001	<0.005	<0.01	<0.02	0.01	0.2	<0.0002	NA	0.01	0.57	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.14	<0.2	0.01	0.12
SCS-3																											
	(10:00)	7/14/94	<0.01	2.2	<0.06	<0.2	<0.1	<0.001	<0.005	0.01	<0.02	0.01	1.7	<0.0002	NA	0.09	0.74	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.11	<0.2	0.01	0.05
Sandia - 7.38																											
	(15:37)	4/25/95	<0.01	.3	<0.01	0.05	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.3	<0.0002	0.02	<0.01	0.29	<0.02	<0.003	<0.02	<0.005	32	<0.02	0.08	<0.01	0.01	0.04
	(15:37)	4/25/95	<0.01	1.6	<0.01	0.05	<0.1	<0.005	<0.005	0.01	<0.01	<0.01	1.2	<0.0002	0.02	0.02	0.29	<0.02	<0.003	<0.02	<0.005	31	<0.02	0.08	<0.01	0.01	0.05
MORTANDAD CANYON & TRIBUTARYS																											
	(16:10)	4/04/94	<0.01	4.4	<0.005	0.31	<0.1	<0.001	<0.0005	<0.01	<0.01	0.03	3.8	<0.0002	0.03	0.11	<0.01	<0.02	<0.003	<0.06	<0.005	50	<0.2	<0.2	<0.005	0.02	0.04
@ GS-1																											
	(13:34)	6/23/94	<0.01	2.6	<0.005	<0.09	<0.1	<0.001	<0.005	<0.01	<0.02	<0.01	1.8	<0.0002	NA	0.03	0.09	<0.02	<0.003	<0.06	<0.005	NA	<0.2	0.07	<0.2	<0.01	<0.02
PAJARITO CANYON																											
PA-6.70																											
	(11:20)	7/22/94	<0.02	1.9	<0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	1.0	<0.0002	NA	0.01	0.01	0.02	<0.05	<0.06	<0.005	NA	<0.2	0.09	<0.2	<0.01	<0.02
BU-0.01																											
	(13:00)	7/22/94	<0.01	<0.2	<0.06	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.2	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	0.3	<0.005	NA	<0.2	0.10	<0.2	<0.01	0.02
CANON DE VALLE & TRIBUTARYS																											
VA-2.6																											
	(10:43)	3/30/95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.01	4.5	NA	NA	NA	NA	NA	18	NA	0.12	NA	NA	NA
VA-0.1	(11:47)	5/26/94	<10	1570	0.49	<10	79	<10	<1	5	<5	<5	5580	<.25	NA	160	<1	<10	4	NA	<.25	170	<10	<10	NA	<10	22
WATER CAYON																											
FRIJOLES -0.1																											
	(13:05)	4/6/94	<0.01	0.8	<0.005	<0.09	<0.1	<0.001	<0.0005	<0.01	<0.01	<0.01	0.8	<0.0002	0.02	0.03	<0.01	<0.02	<0.003	<0.06	<0.005	26	<0.2	<0.2	<0.005	<0.01	<0.02
RIO GRANDE CANYON																											
@FRIJOLES																											
	(13:00)	9/13/95	NA	NA	<0.01	NA	0.1	<0.005	NA	<0.01	NA	NA	NA	0.0002	NA	0.15	<0.01	NA	<0.003	<0.02	<0.005	NA	NA	0.33	<0.01	<0.01	<0.02

**DUPLICATE
*NOT PRESERVED
***COMPOSITE
TOTAL METALS
NA-NOT ANALYZED
Q=sample held beyond normal holding time

Table 2. NMED DOE Oversight Bureau Surface-Water Results for 1994-95: General Chemistry.

STATION ID	Type		Date	Time	Br (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	PHOS^ (mg/L)	SO4 (mg/L)	NO/2-NO3 AS N (mg/L)	KJEL^^ N (ppm)	AMMON (mg/L)	TDS (mg/L)	TSS (mg/L)
PAJARITO CANYON WATERSHED																				
BU-0.01	P	F	7/22/94	13:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.09*	NA	0.40*	0.20*	0.30*	NA	NA
PA-2.08	E/SM	F	3/10/95	12:28	NA		23	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E/SM	F	4/23/95	18:50	NA	25	7	6	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PA-6.70	P?	F	7/22/94	11:20	NA		12	3.7	NA	NA	NA	NA	NA	NA	<0.09*	NA	<0.10*	0.40*	<0.10*	NA	NA
PA-8.58	P/SM	T	4/28/95	13:30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		153	NA
PA-8.9	P	F	7/22/94	14:45	NA		10	3.4	NA	NA	NA	NA	NA	NA	<0.09*	NA	0.20*	0.10*	0.10*	NA	NA
PA-10.4	E/SM	F	4/25/95	09:45	<0.5	6	3	2	3	<5	<0.5	<5	40	NA	<5	NA	NA	NA	54	11
ST-0.05	P	T	7/1/94	13:20	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.09*	NA	0.20*	0.30*	0.10*	NA	NA

* - sample held beyond normal holding time
^ - Total phosphate as phosphorus
^^ - Total Kjeldahl nitrogen
TDS - Total dissolved solids
TSS - Total suspended solids
NA - Not analyzed or not available
T - Totals (Non-filtered sample; acidified prior to analysis).
F - Dissolved (filtered fraction; < 0.45 micron).

Surface Water Types
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 3. NMED DOE Oversight Bureau Surface-Water Results for 1994-95: Dissolved and Total Metals.

STATION ID	Date	Time		Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Hg (mg/L)	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
PAJARITO CANYON WATERSHED																												
BU-0.01	7/22/94	13:00	T	<0.01		0.3	<0.06	0.02	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.2	<0.0002	NA	<0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.10	<0.2	<0.01	0.02
PA-2.08	3/10/95	12:28	F	<0.10		0.1	<0.0010	<0.10	0.1	<0.10	<0.0010	<0.0010	<0.05	<0.01	<0.10	<0.0005	NA	<0.05	<0.001	<0.10	<0.001	NA	<0.0050	13.00	<0.10	0.1	NA	<0.10	0.02
	4/23/95	18:50	F	<0.01	<0.2		<0.01	0.03	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	13	<0.02	0.16	<0.01	<0.01	<0.02
PA-6.70	1 7/22/94	11:20	T	<0.10		2.4	0.002	<0.10	<0.10	<0.10	<0.0010	0.003	<0.05	<0.01	1.4	<0.0005	NA	<0.05	<0.10	<0.10	0.002	NA	<0.0050	1.2	<0.10	<0.10	NA	<0.10	0.01
	2 7/22/94	11:20	T	<0.01	1.9		<0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	1.0	<0.0002	NA	0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.09	<0.2	<0.01	<0.02
PA-8.9	7/22/94	14:45	T	<0.01		0.7	<0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.4	<0.0002	NA	0.01	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.07	<0.2	<0.01	<0.02
	7/22/94	14.45	F	<0.10		0.7	<0.0010	<0.10	<0.10	<0.10	<0.0010	<0.0010	<0.05	<0.01	1	<0.0005	NA	<0.05	<0.10	<0.10	<0.0010	NA	<0.0050	NA	<0.10	<0.10	NA	<0.10	0.01
PA-10.4	4/25/95	09:45	F	<0.01	0.9		<0.01	0.01	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.3	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	22	<0.02	0.06	<0.01	<0.01	<0.02
ST-0.05	7/22/94	14:10	T	<0.01		0.6	<0.06	0.01	<0.1	<0.001	<0.005	<0.01	<0.01	<0.01	0.4	<0.0002	NA	0.02	<0.01	<0.02	<0.05	<0.06	<0.005	NA	<0.2	0.07	<0.2	<0.01	0.05

< - symbol indicates that the constituent was not detected above method detection limit given
NA - Not analyzed or applicable
T - Totals (Non-filtered sample; acidified prior to analysis).
F - Dissolved (filtered fraction; < 0.45 micron).
1 - duplicate sample Lab 1
2 - duplicate sample Lab 2

Table 4. NMED DOE Oversight Bureau Surface-Water Results for 1994-95: Dissolved and Total Radionuclides.

STATION ID		Date	Time		3H (pCi/L)	unc	90Sr (pCi/L)	unc	137Cs (pCi/L)	unc	U (ug/L)	unc	238Pu (pCi/L)	unc	239/240Pu (pCi/L)	unc	241Am (pCi/L)	unc	Gross Alpha (pCi/L)	unc	Gross Beta (pCi/L)	unc
PAJARITO CANYON WATERSHED																						
BU-0.01		7/22/94	13:00	T	<167.3	BDL	<0.70	BDL	<3.806	BDL	0.282	0.038	<0.033	BDL	<0.021	BDL	<2.946	BDL	<1.52	BDL	2.71	0.63
G-1		3/10/95	12:59	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	-0.2	0.3	3.6	0.9
PA-0.01	n	9/28/94	09:13	T	NA	-	<1.42	BDL	<3.912	BDL	1.049	0.142	<0.039	BDL	<0.015	BDL	0.045	0.014	<2.60	BDL	<2.73	BDL
PA-2.08		4/23/95	10:00	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	<5.6	BDL	<3.4	BDL
		4/23/95	18:50	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	<5.2	BDL	5.0	1.3
		4/24/95	10:07	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	<5.4	BDL	4.1	1.2
PA-4.4		3/10/95	12:29	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	0.1	0.4	4.9	0.9
PA-4.54		3/13/95	11:11	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	0.7	0.6	4.7	0.9
PA-6.70		7/22/94	11:20	F	<167.3	BDL	<0.71	BDL	<3.348	BDL	0.371	0.051	<0.036	BDL	<0.012	BDL	<12.942	BDL	<0.99	BDL	2.50	0.58
PA-8.9		7/22/94	14:45	F	<167.3	BDL	<0.75	BDL	<1.630	BDL	0.241	0.033	<0.040	BDL	<0.013	BDL	<5.536	BDL	<1.63	BDL	2.02	0.57
PA-10.4		4/24/95	09:45	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	2.09	0.55
ST-0.05		7/1/94	13:20	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	0.4	0.5	4.4	1
		7/22/94	14:10	T	<167.3	BDL	<0.79	BDL	<3.180	BDL	0.264	0.036	<0.021	BDL	<0.014	BDL	<2.712	BDL	<1.61	BDL	3.21	0.67
TM-0.05		3/13/95	09:10	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	0.2	0.4	3.8	0.9

unc - uncertainty (2 sigma)
BDL - below detection limit
n - sample not recieved at contract laboratory at 4 degress Celsius
T - Totals (Non-filtered sample; acidified prior to analysis).
F - Dissolved (filtered fraction; < 0.45 micron).
ug/L - micrograms per liter

Table 3 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Radionuclides.

STATION ID		Date	H3 (pCi/L)	UNC	90Sr (pCi/L)	UNC	137Cs (pCi/L)	UNC	Na-22 (pCi/L)	UNC	U (ug/L)	UNC	234U (pCi/L)	235U (pCi/L)	238U (pCi/L)	238Pu (pCi/L)	UNC	239/240 Pu (pCi/L)	UNC	241Am (pCi/L)	UNC	237Np (pCi/L)	UNC	Gross Alpha (pCi/L)	UNC	Gross Beta (pCi/L)	UNC
WELLS																											
DEEP AQUIFER																											
DT-5A	T	11/27/96	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.18	BDL	<1.5	BDL	2	1.1
	T	09/11/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	-0.05	0.05	-0.02	0.03	NA	-	NA	-	-0.36	0.66	1.62	0.72
DT-9	F	09/18/96	NA	-	NA	-	NA	-	NA	-	0.5	0.07	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<0.60	BDL	<1.5	BDL
DT-10	F	09/19/96	NA	-	NA	-	NA	-	NA	-	1.15	0.16	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.66	0.22	<1.4	BDL
TW-1	T	08/11/97	320	240	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.4	BDL	3.3	1.9
TW-2	T	08/21/96	NA	-	<0.27	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-2 (1st well volume	T	09/09/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.75	0.76	2.7	0.68
TW-2 (3rd well volume	T	09/09/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.42	0.55	1.47	0.67
TW-3	T	01/29/96	NA	-	<0.58	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	2.09	0.9
	T	09/30/96	NA	-	0.1	0.23	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	11/15/96	NA	-	<0.72	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	08/11/97	NA	-	<0.43	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-4	T	01/23/96	NA	-	<0.61	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	2.02	0.51
	T	09/27/96	NA	-	0.08	0.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	11/15/96	NA	-	<0.66	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	08/11/97	NA	-	<0.48	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.3	BDL	<2.7	BDL
TW-8		02/13/96	NA	-	<0.42(T)	BDL	NA	-	NA	-	NA	-	0.45(F)	<0.07(F)	0.25(F)	<0.09(T)	BDL	<0.05(T)	BDL	<0.03(T)	BDL	NA	-	<0.79(T)	BDL	<2.0(T)	BDL
	T	09/30/96	NA	-	-0.09	0.21	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	11/15/96	NA	-	<0.70	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
INTERM. AQUIFER (VOLCANICS/SEDIMENTARY)																											
LADP-3	F	12/04/96	NA	-	<0.29	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.32	BDL	<1.3	BDL	6.3	1.5
POI - 4	F	06/07/96	NA	-	<0.52	BDL	NA	-	NA	-	NA	-	1.37	0.01	0.85	NA	-	NA	-	NA	-	NA	-	4.13	0.91	10	2
R-9 (180' ZONE)	F	09/06/97	NA	-	1.53	0.58	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
R-9 (580' ZONE)	T	12/20/97	NA	-	NA	-	NA	-	NA	-	NA	-	0.9	0.1	0.7	NA	-	NA	-	NA	-	NA	-	4	1.3	13.3	1
R-9 (580' ZONE)	F	12/20/97	NA	-	NA	-	NA	-	NA	-	NA	-	0.5	BDL	0.4	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-1A	T	08/11/97	-16.51	230	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.9	BDL	3.5	1.8
TW-2A	T	08/21/96	NA	-	<0.27	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.19	BDL	NA	-	NA	-
TW-2A (1st well volun	T	09/09/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.33	0.45	2.01	0.48
TW-2A (3rd well volur	T	09/09/97	1739.64	194.64	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.7	0.5	2.44	0.59
PERCHED AQUIFER (ALLUVIUM)																											
Canada del Buey																											
CDBO-6	T	06/16/97	NA	-	<0.58	BDL	NA	-	NA	-	9.4	1.3	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	48.4	7	44.4	6.8
CDBO-7	T	06/16/97	NA	-	<0.51	BDL	NA	-	NA	-	24.9	3.4	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	307	41	239	34
DP Canyon																											
LAUZ-1		12/04/97	NA	-	226	41	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LAUZ-2		12/04/97	NA	-	80	14	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Los Alamos Canyon																											
LAO-0.7	F	07/29/96	NA	-	NA	-	NA	-	NA	-	0.58	0.08	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	06/18/97	NA	-	NA	-	NA	-	NA	-	0.32	0.04	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.73	0.82	3.2	1.1
LAO-1	F	06/18/97	-151.4	93	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LAO-2	F	11/13/96	NA	-	18.7	3.4	NA	-	NA	-	NA	-	0.08	0.01	0.05	NA	-	NA	-	NA	-	<0.05	BDL	NA	-	NA	-
	T	08/04/97	50	230	12.7	1.6	NA	-	NA	-	NA	-	NA	NA	NA	0	0.015	0.033	0.024	NA	-	NA	-	NA	-	NA	-
LAO-3A	F	08/04/97	100	230	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LAO-4.5C	T	08/04/97	NA	-	1.3	0.53	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.2	BDL	7.7	2.2
Mortandad Canyon																											
MCO-4B	2 F	03/05/96	19100	2500	111	12	<1.72	BDL	24.7	2.69	NA	-	6.43	0.18	1.36	<0.23	BDL	<0.15	BDL	0.47	0.08	NA	-	6.9	2.3	611	68
	3 F	03/05/96	18080	870	105.2	5.7	0	2.4	24.9	5.2	NA	-	5.88	0.29	1.7	0.03	0.029	0.04	0.034	0.54	0.11	NA	-	8.7	4.3	534	30
	T	08/05/97	NA	-	46.2	4.8	NA	-	NA	-	2.02	0.28	NA	NA	NA	0.045	0.036	0.007	0.018	NA	-	NA	-	4	1.4	135	14
MCO-5	F	08/09/96	NA	-	32.8§	1.1	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.11	BDL	10.8	2.9	538	60
	T	08/09/96	sample acidified with nitric acid, filtered, and then analyzed on 8/3(						NA	-	NA	-	NA	NA	NA	0.04	0.03	0.03	0.02	0.31	0.09	NA	-	14.2	3.6	534	61
	T	08/09/96	sample acidified with nitric acid, and then analyzed on11/16/96						NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	8.9	2.3	433	44
	F	08/08/97	18200	2400	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MCO-6	F	08/05/97	19300	2500	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MCO-7.5	T	06/13/97	NA	-	<0.50	BDL	NA	-	NA	-	2.07	0.28	NA	NA	NA	0.011	0.018	0.006	0.018	NA	-	NA	-	<2.2	BDL	84	9
MCO-13	F	02/11/97	<340	BDL	3.8	2.3	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MT-3	F	02/11/97	42700	5400	<1.6	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MT-4	F	02/11/97	30900	3900	0.99	0.55	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Canyon																											
MW-13	F	12/04/96	NA	-	<0.56	BDL	NA	-	NA	-	NA	-	0.04	0	0.01	0.08	0.04	0	0.02	NA	-	NA	-	<1.5	BDL	2.5	1.4
PCO-1	T	06/16/97	-165.5	93	<0.46	BDL	NA	-	NA	-	0.11	0.02	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.0	BDL	<3.3	BDL
Santa Clara Canyon																											
PUYE WELL	F	11/21/97	NA	-	0.42	0.5	NA	-	NA	-	NA	-	-0.01	-0.02	0.06	NA	-	NA	-	NA	-	NA	-	0.22	0.56	2.22	0.69
RANGER STATION V	F	11/21/97	NA	-	0.47	0.56	NA	-	NA	-	NA	-	0.29	-0.02	0.1	NA	-	NA	-	NA	-	NA	-	1.42	0.63	2.94	0.48
SAW DUST WELL	F	11/21/97	NA	-	1.84	0.56	NA	-	NA	-	NA	-	0.08	0.04	0.04	NA	-	NA	-	NA	-	NA	-	0.19	0.45	1.33	0.57
WATER SUPPLY																											
G-1A	T	06/25/97	NA	-	<0.61	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.1	BDL	<2.8	BDL
G-4	T	06/25/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.6	BDL	<2.8	BDL
G-6	T	06/25/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.8	BDL	<2.8	BDL
PM-1	T	06/25/97	NA	-	<0.64	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.8	BDL	3.1	1.8
PM-2	T	06/25/97	NA	-	<0.56	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.7	BDL	<2.8	BDL
PM-4	T	06/25/97	NA	-	<0.73	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.7	BDL	<2.8	BDL
PM-5	T	06/25/97	NA	-	<0.61	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.7	BDL	<2.8	BDL
San Ildefonso Pueblo																											
HALLADAY HOUSE	T	08/13/96	NA	-	<0.60	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.3	BDL	<3.3	BDL
LA-5	T	08/14/96	NA	-	<0.57	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<0.84	BDL	<2.4	BDL
	T	07/06/97	0	240	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	<2.4	BDL
OTOWI HOUSE	T	08/13/96	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	2.9	1	<6.7	BDL
MISC.																											
Misc. Wells																											
CH-2 @ TA-49	F	03/10/97	<140	BDL	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1	0.67	4.9	1.1
SPRINGS																											
Frijoles Canyon																											
APACHE SPRING	F	09/03/97	NA	-	NA	-	NA	-	NA	-	0.16	0.02	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.2	BDL	<3.4	BDL
Guaje Canyon																											
AGUA PIEDRA SPRI	F	08/29/97	NA	-	NA	-	NA	-	NA	-	0.12	0.02	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.4	BDL	<3.3	BDL
GC SPRING 1	F	08/11/97	NA	-	NA	-	NA	-	NA	-	NA	-	0.074	0.013	0.046	NA	-	NA	-	NA	-	NA	-	<2.0	BDL	<3.2	BDL
Los Alamos Canyon & Tributaries																											
DP SPRING	F	03/25/97	NA	-	98	18	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	<0.032	BDL	<0.076	BDL	<2.5	BDL	198	21
		12/13/97	NA	-	61	11	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
DP-0.0 SPRING	F	05/16/97	NA	-	3.09	0.59	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
INDIAN SPRING	F	08/30/96	NA	-	0.13	0.21	NA	-	NA	-	NA	-	0.94	0	0.39	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	<4.6	BDL
LA SPRING	F	04/02/96	NA	-	<0.59	BDL	NA	-	NA	-	NA	-	1.33	0.05	0.86	NA	-	NA	-	NA	-	NA	-	0.9	0.51	4.5	1.5
	T	07/18/97	NA	-	<0.54	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Canyon & Tributaries																											
ANDERSON SPRING	T	02/20/96	NA	-	0.07	0.29	NA	-	NA	-	NA	-	0.19	0.04	0.107	NA	-	NA	-	NA	-	NA	-	12.2	5.6	29.8	5.2
	F	04/16/96	NA	-	-0.2	1.6	NA	-	NA	-	NA	-	1.14	0.66	1.14	NA	-	NA	-	NA	-	NA	-	0.2	1	2.9	1.4
HANLON SPRING	T	02/20/96	NA	-	0.15	0.33	NA	-	NA	-	NA	-	3	0.3	2.4	NA	-	NA	-	NA	-	NA	-	79	19	77	12
	F	04/16/96	NA	-	-0.8	1.6	NA	-	NA	-	NA	-	0.43	0.04	-0.06	NA	-	NA	-	NA	-	NA	-	-0.16	0.76	2.5	1.5
PA-11.5 SPRING	F	07/26/96	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.86	0.26	3.27	0.63
TA-18 SPRING	F	05/13/96	NA	-	NA	-	NA	-	NA	-	NA	-	0.27	0.01	0.09	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Santa Clara Canyon																											
COLONEL SPRING	F	11/13/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.35	0.41	0.65	0.51
Water Canyon & Tributaries																											
BURNING GRND. SP	F	05/24/96	NA	-	NA	-	NA	-	NA	-	NA	-	0.5	0.03	0.16	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
CDV-5.0 SPRING	F	07/18/96	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.72	0.39	2.91	0.64
White Rock Canyon																											
ANCHO SPRING	T	10/08/96	NA	-	-0.04	0.2	NA	-	NA	-	NA	-	0.11(F)	0.06(F)	0.06(F)	NA	-	NA	-	NA	-	0	0.19	<1.2(F)	BDL	2.8(F)	1.3
	F	11/19/97	NA	-	2.08	0.59	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.34	0.51	1.95	0.8
OTOWI SPRING	F	07/08/96	NA	-	<0.51	BDL	NA	-	NA	-	NA	-	1.12	0.05	0.71	0	0.03	0.01	0.02	0.01	0.03	NA	-	4.6	1.6	5.7	2
SANDIA SPRING	F	08/29/96	NA	-	0	0.21	NA	-	NA	-	NA	-	0.32	0.01	0.21	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	<4.7	BDL
	T	08/19/97	NA	-	<0.34	BDL	NA	-	NA	-	0.98	0.13	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.4	BDL	<3.3	BDL
SPRING 1	F	05/03/96	NA	-	<0.62	BDL	NA	-	NA	-	NA	-	1.46	0.04	0.77	NA	-	NA	-	NA	-	NA	-	2	0.48	<2.5	BDL
	T	08/19/97	NA	-	<0.36	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 2	T	08/19/97	NA	-	<0.33	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 3	F	11/18/97	NA	-	1.02	0.7	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	2.02	0.63	4.18	0.67
SPRING 3A	F	04/03/96	NA	-	<0.58	BDL	NA	-	NA	-	NA	-	0.63	<0.06	0.42	NA	-	NA	-	NA	-	NA	-	0.65	0.33	4.2	1
	T	10/07/96	NA	-	0.01	0.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 3AA	F	11/18/97	NA	-	0.88	0.48	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.38	0.48	2.89	0.67
SPRING 4	F	04/24/96	NA	-	<0.87	BDL	NA	-	NA	-	NA	-	8.1	0.38	8.5	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 4A	F	04/24/96	NA	-	<1.3	BDL	NA	-	NA	-	NA	-	0.75	0.04	0.33	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
		10/08/96	NA	-	-0.02(T)	0.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.6(F)	BDL	<2.9(F)	BDL
	F	11/18/97	NA	-	1.47	0.58	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.44	0.56	5.78	0.73
SPRING 5	F	04/24/96	NA	-	<0.65	BDL	NA	-	NA	-	NA	-	0.46	0.02	0.23	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	F	09/29/97	NA	-	0.31	0.58	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 5A		10/08/96	NA	-	0.27(T)	0.21	NA	-	NA	-	NA	-	0.85(F)	0.04(F)	0.64(F)	NA	-	NA	-	NA	-	-0.20(F)	0.13	NA	-	NA	-
SPRING 8A	F	03/21/96	NA	-	<0.60	BDL	NA	-	NA	-	NA	-	0.52	<0.09	0.27	NA	-	NA	-	<0.91	BDL	NA	-	<0.67	BDL	3.51	0.9
	F	09/30/97	NA	-	0.53	0.52	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 9	F	03/21/96	NA	-	<0.63	BDL	NA	-	NA	-	NA	-	1.61	<0.06	0.85	NA	-	NA	-	<0.44	BDL	NA	-	1.71	0.52	2.6	0.91
	F	09/30/97	NA	-	0.11	0.48	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 9A	F	03/21/96	NA	-	<0.69	BDL	NA	-	NA	-	NA	-	3.21	<0.08	1.64	NA	-	NA	-	<0.59	BDL	NA	-	1.39	0.47	<2.5	BDL
		10/09/96	NA	-	-0.07(F)	0.2	NA	-	NA	-	NA	-	0.56(F)	0.05(F)	0.2(F)	NA	-	NA	-	NA	-	0.16(T)	0.22	NA	-	NA	-
Other Springs																											
SACRED SPR. @ PC	F	07/08/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.6	BDL	<2.4	BDL
SACRED SPR. @ SC	F	07/08/97	NA	-	<0.47	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.5	BDL	<3.5	BDL

2 - Duplicate sample Lab 1
3 - Duplicate sample Lab 2
UNC - Uncertainties (2 Sigma)
NA-Not analyzed
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (Filtered fraction < 0.45 micron).
§ - Holding times broken

SC-SPECIFIC CONDUCTANCE
NA-NOT ANALYZED
*-METAL RESULTS FROM A NON-FILTERED SAMPLE &REPRESENTS TOTAL METALS

NA-NOT ANALYZED
*-METAL RESULTS FROM A NON-FILTERED SAMPL

13.3
11.3

17

11
11.3

- SLD

12.2 ATI

11.6

E & REPRESENTS TOTAL METALS

Table 2 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Metals.

STATION ID		Date	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Hg (mg/L)	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Ti (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
WELLS																												
DEEP AQUIFER																												
DT-5A	T	11/27/96	NA	NA	NA	<0.1	<0.1	<0.005	NA	<0.01	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.003	<0.02	NA	NA	NA	NA	NA	NA	NA	0.34
	F	11/27/96	NA	NA	NA	<0.1	<0.1	<0.005	NA	<0.01	NA	<0.01	NA	NA	NA	NA	NA	<0.02	NA	<0.02	NA	NA	NA	NA	NA	NA	NA	0.22
	T	09/11/97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
DT-9	T	09/18/96	NA	NA	NA	NA	<0.1	<0.005	NA	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	33	NA	NA	NA	NA	NA	0.21
	F	09/18/96	NA	NA	NA	<0.1	0.1	<0.005	NA	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	36	NA	NA	NA	NA	NA	0.2
DT-10	T	09/18/96	NA	NA	NA	NA	<0.1	<0.005	NA	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	31	NA	NA	NA	NA	NA	0.1
	F	09/19/96	NA	NA	NA	<0.1	<0.1	<0.005	NA	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	33	NA	NA	NA	NA	NA	0.08
TW-1	T	08/11/97	NA	NA	<0.01	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.096	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-2 (3rd well volume)	T	09/09/97	NA	NA	<0.005	NA	0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.054	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-3	T	01/29/96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	T	08/11/97	NA	NA	<0.01	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-4	T	08/11/97	NA	NA	<0.01	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA
TW-8	F	02/13/96	NA	NA	<0.01	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INTERM. AQUIFER (VOLCANICS/SEDIMENTARY)																												
R-9 (180' ZONE)	F	09/06/97	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PERCHED AQUIFER (ALLUVIUM)																												
DP Canyon																												
LAUZ-1		12/04/97	NA	NA	<0.01	<0.1	0.2	NA	<0.005	<0.01	<0.01	NA	NA	NA	<0.01	0.03	NA	NA	<0.003	<0.02	NA	NA	NA	0.44	NA	NA	NA	NA
LAUZ-2		12/04/97	NA	NA	<0.01	<0.1	0.2	NA	<0.005	<0.01	<0.01	NA	NA	NA	<0.01	0.76	NA	NA	<0.003	<0.02	NA	NA	NA	0.24	NA	NA	NA	NA
Los Alamos Canyon																												
LAO-0.7	T	07/29/96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	T	06/18/97	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mortandad Canyon																												
MCO-4B	2 F	03/05/96	<0.01	<0.2	<0.01	<0.1	0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.03	<0.01	0.15	<0.02	<0.003	<0.02	<0.005	18	<0.01	0.22	NA	<0.01	<0.01	<0.02
	3 F	03/05/96	<0.003	<0.027	<0.002	0.054	0.14	<0.001	0.004	0.0041	<0.004	0.0036	<0.005	<0.0002	0.025	0.0015	0.13	<0.014	<0.001	<0.002	0.0035	19	<0.036	0.2	NA	<0.003	<0.004	0.032
	T	08/05/97	NA	NA	<0.01	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCO-5	T	08/09/96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MCO-7.5	T	06/13/97	NA	NA	<0.01	NA	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pajarito Canyon																												
MW-13	T	12/04/96	NA	NA	^0.02	NA	0.7	0.005	NA	0.03	NA	NA	NA	<0.0002	NA	NA	NA	NA	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCO-1	T	06/16/97	NA	NA	<0.01	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA	NA
Santa Clara Canyon																												
PUYE WELL	F	11/21/97	<0.005	<0.1	0.006	<0.05	0.012	<0.001	<0.001	<0.005	<0.005	<0.005	<0.05	NA	0.05	<0.005	<0.005	<0.005	<0.003	<0.01	<0.005	24	<0.01	0.036	NA	0.01	<0.005	0.54
RANGER STATION WI	F	11/21/97	<0.005	<0.1	0.009	<0.05	0.028	<0.001	<0.001	<0.005	<0.005	<0.005	0.18	NA	0.07	0.074	<0.005	<0.005	<0.003	<0.01	<0.005	25	<0.01	0.2	NA	0.01	<0.005	0.07
SAW DUST WELL	F	11/21/97	<0.005	<0.1	0.007	<0.05	0.016	NA	<0.001	<0.005	<0.005	0.009	<0.05	NA	0.07	<0.005	<0.005	<0.005	<0.003	<0.01	<0.005	24	<0.01	0.04	NA	0.01	<0.005	0.38
WATER SUPPLY																												
San Ildefonso Pueblo																												
LA-5	T	08/14/96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA	NA	NA	NA
Misc. Wells																												
CH-2 @ TA-49	F	03/10/97	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRINGS																												
Frijoles Canyon & Tributaries																												
APACHE SPRING	T	09/03/97	<0.01	2.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	NA	27M	<0.02	0.09	NA	<0.01	<0.01	<0.02
	F	09/03/97	<0.01	0.9	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.4	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	NA	27	<0.02	0.09	NA	<0.01	<0.01	<0.02
FR-7.7 SPRING	F	02/21/97	NA	<0.2	<0.01	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	<0.01	NA	NA	NA	NA	NA	33	NA	0.06	NA	NA	NA	NA
Guaje Canyon & Tributaries																												
AGUA PIEDRA SPRIN	T	08/29/97	<0.01	3.4N	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	1.4N	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	NA	28M	<0.02	0.1	NA	<0.01	<0.01	<0.02
	F	08/29/97	<0.01	0.4	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.2	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	NA	24	<0.02	0.1	NA	<0.01	<0.01	<0.02
GC SPRING 1	F	08/11/97	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002T	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005T	23	<0.01	0.03	NA	<0.01	<0.01	<0.02
GC SPRING 2	F	08/11/97	<0.01	0.4	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.2	<0.0002T	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005T	18	<0.01	0.04	NA	<0.01	<0.01	<0.02
Los Alamos Canyon & Tributaries																												
DP SPRING	F	03/25/97	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	NA	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	0.008	7	<0.01	0.17	NA	<0.01	<0.01	<0.02
INDIAN SPRING	F	08/30/96	NA	<0.2	<0.01	<0.1	0.2	NA	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	0.34	NA	NA	NA	NA
LA SPRING	F	04/02/96	NA	<0.2	<0.01	NA	<0.1	NA	NA	NA	NA	NA	<0.1	<0.0002	0.02	NA	NA	NA	<0.003	NA	NA	17	NA	0.18	NA	NA	NA	<0.02
Pajarito Canyon & Tributaries																												
ANDERSON SPRING	F	02/20/96	<0.001	0.0147	<0.002	0.0378	0.0317	<0.001	<0.001	0.0013	<0.001	0.002	<0.012	<0.0002	0.0176	0.0014	0.0023	0.0042	<0.001	<0.001	<0.003	33.6	<0.001	0.0533	0.004	<0.001	0.0102	0.0028
BULLDOG SPRING	F	05/15/96	NA	<0.050	NA	<0.10	0.055	NA	NA	NA	NA	NA	<0.050	NA	NA	<0.015	NA	NA	NA	NA	NA	22	NA	0.11	NA	NA	NA	NA
CHARLIE'S SPRING	F	05/15/96	NA	<0.050	NA	<0.10	<0.050	NA	NA	NA	NA	NA	<0.050	NA	NA	<0.015	NA	NA	NA	NA	NA	19	NA	0.11	NA	NA	NA	NA
HANLON SPRING	F	02/20/96	0.0022	0.0326	<0.002	0.067	0.705	<0.001	<0.001	<0.001	<0.001	0.0023	<0.0120	0.0018	0.0194	0.0023	0.025	0.002	<0.001	<0.001	<0.003	34.3	<0.001	0.0526	0.0047	<0.001	0.016	0.0816
HOMESTEAD SPRING	F	05/15/96	NA	<0.050	NA	<0.10	<0.050	NA	NA	NA	NA	NA	<0.050	NA	NA	<0.015	NA	NA	NA	NA	NA	18	NA	0.06	NA	NA	NA	NA
PA-11.5 SPRING	F	07/26/96	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	0.007	20	<0.02	0.07	NA	<0.01	<0.01	<0.02
STARMER'S SPRING	F	05/15/96	NA	<0.050	NA	<0.10	<0.050	NA	NA	NA	NA	NA	<0.050	NA	NA	<0.015	NA	NA	NA	NA	NA	19	NA	0.081	NA	NA	NA	NA
TA-18 SPRING	F	05/13/96	NA	<0.050	NA	<0.10	0.079	NA	NA	NA	NA	NA	1.2	NA	NA	0.4	NA	NA	NA	NA	NA	18	NA	0.063	NA	NA	NA	NA
Santa Clara Canyon																												
COLONEL SPRING	F	11/13/97	<0.005	<0.1	<0.005	<0.05	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.05	<0.0002	<0.05	<0.005	<0.005	<0.005	<0.003	<0.01	<0.005	24	<0.01	0.017	NA	<0.01	<0.005	<0.02
Water Canyon & Tributaries																												
BURNING GRND. SP	F	06/04/96	NA	<0.050	NA	<0.10	0.18	NA	NA	NA	NA	NA	<0.050	<0.0002	NA	<0.015	NA	NA	NA	NA	NA	22	NA	0.11	NA	NA	NA	NA
	F	12/20/96	NA	NA	NA	<0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDV-5.0 SPRING	F	07/18/96	<0.01	0.5	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	0.006	23	<0.02	0.09	NA	<0.01	<0.01	<0.02
MARTIN SPRING	F	06/04/96	NA	<0.050	NA	1.6	0.18	NA	NA	NA	NA	NA	<0.050	<0.0002	NA	<0.015	NA	NA	NA	NA	NA	24	NA	0.14	NA	NA	NA	NA
PETER SPRING	T	06/27/97	NA	NA	NA	<0.1	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWSC SPRING	F	06/04/96	NA	<0.050	NA	<0.10	0.24	NA	NA	NA	NA	NA	0.18	<0.0002	NA	<0.015	NA	NA	NA	NA	NA	22	NA	0.11	NA	NA	NA	NA
White Rock Canyon																												
ANCHO SPRING	T	10/08/96	NA	<0.2	<0.01	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	35	NA	0.06	NA	NA	NA	NA
	F	11/19/97	NA	<0.1	NA	<0.05	0.027	NA	NA	NA	NA	NA	<0.02	NA	NA	<0.005	NA	NA	NA	NA	NA	34	NA	0.063	NA	NA	NA	NA
OTOWI SPRING	F	07/08/96	<0.01	<0.2	<0.01	<0.1	0.2	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002	0.04	<0.01	<0.01	<0.02	<0.003	<0.02	0.006	28	0.03	0.44	NA	<0.01	<0.01	<0.02
SANDIA SPRING	F	08/29/96	NA	<0.2	NA	<0.1	0.1	NA	NA	NA	NA	NA	0.1	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	0.34	NA	NA	NA	NA
	F	08/19/97	NA	<0.2	<0.01	NA	<0.1	<0.005	NA	NA	NA	<0.01	<0.1	NA	NA	0.08	NA	NA	<0.003	NA	NA	23	NA	NA	NA	NA	NA	NA
SPRING 1	F	05/03/96	NA	<0.2	<0.01	NA	0.2	NA	NA	NA	NA	NA	<0.1	NA	0.04	NA	NA	NA	NA	NA	NA	17	NA	0.2	NA	NA	NA	0.03
	F	05/21/97	NA	<0.2	<0.01	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	F	08/19/97	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRING 2	F	08/19/97	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRING 3	F	11/18/97	NA	<0.1	NA	<0.05	0.043	NA	NA	NA	NA	NA	<0.02	NA	NA	<0.005	NA	NA	NA	NA	NA	23	NA	0.25	NA	NA	NA	NA
SPRING 3A	F	04/03/96	NA	<0.2	<0.01	NA	<0.1	NA	NA	NA	NA	NA	<0.1	<0.0002	0.02	NA	NA	NA	<0.003	NA	NA	25	NA	0.23	NA	NA	NA	<0.02
SPRING 3AA	F	11/18/97	NA	<0.1	NA	<0.05	0.01	NA	NA	NA	NA	NA	<0.02	NA	NA	<0.005	NA	NA	NA	NA	NA	20	NA	0.17	NA	NA	NA	NA
SPRING 4	F	04/24/96	<0.01	<0.050	<0.01	<0.1	<0.050	<0.005	<0.005	<0.01	<0.01	<0.01	<0.050	<0.0002	0.024	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	28	<0.01	0.13	NA	<0.01	<0.01	<0.020
SPRING 4A	F	04/24/96	<0.01	<0.050	<0.01	<0.1	<0.050	<0.005	<0.005	<0.01	<0.01	<0.01	<0.050	<0.0002	0.028	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	35	<0.01	0.096	NA	<0.01	<0.01	<0.020
	F	11/18/97	NA	<0.1	NA	<0.05	0.043	NA	NA	NA	NA	NA	<0.02	NA	NA	<0.005	NA	NA	NA	NA	NA	31	NA	0.11	NA	NA	NA	NA
SPRING 5	F	04/24/96	<0.01	<0.050	<0.01	<0.1	<0.050	<0.005	<0.005	<0.01	<0.01	<0.01	<0.050	<0.0002	0.023	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	35	<0.01	0.082	NA	<0.01	<0.01	<0.020
SPRING 5A	T	10/08/96	NA	<0.2	<0.01	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	25	NA	0.16	NA	NA	NA	NA
SPRING 6	T	10/08/96	NA	<0.2	<0.01	<0.1	<0.1	NA	NA	NA	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	35	NA	0.06	NA	NA	NA	NA
	F	09/29/97	NA	NA	NA	NA	0.026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRING 7	F	09/29/97	NA	NA	NA	NA	0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRING 8A	F	03/21/96	<0.01	<0.008	<0.01	<0.1	0.0185	<0.005	<0.005	<0.01	<0.01	<0.01	0.0218	<0.0002	0.0228	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	41.4	<0.02	0.0428	NA	<0.01	<0.01	0.0031
	F	09/30/97	NA	NA	NA	NA	0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRING 9	F	03/21/96	<0.01	<0.008	<0.01	<0.1	0.0158	<0.005	<0.005	<0.01	<0.01	<0.01	0.0304	<0.0002	0.0229	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	40	<0.02	0.0451	NA	<0.01	<0.01	0.0046
	F	09/30/97	NA	NA	NA	NA	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPRING 9A	F	03/21/96	<0.01	<0.008	<0.01	<0.1	0.0094	<0.005	<0.005	<0.01	<0.01	<0.01	0.0224	<0.0002	0.0224	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	38.5	<0.02	0.0445	NA	<0.01	<0.01	0.0074
Other Springs																												
SACRED SPR. @ SOL	F	07/08/97	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	NA	NA	<0.01	<0.1	<0.0002T	0.04	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005T	22	<0.02	0.47	NA	<0.01	<0.01	<0.02

2 - Duplicate sample Lab 1
3 - Duplicate sample Lab 2
NA - Not analyzed or not available
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (Filtered fraction < 0.45 micron).
^ - Duplicate precision not within control limits.
N-Matrix spike recovery outside the acceptance limits. A post-digestion spike was performed to evaluate matrix effect.
M-Due to the large concentration of analyte in the sample, matrix spike recoveries may not be accurate.

13.3
11.3
17
11
11.3

- SLD
12.2 ATI
11.8

Table 3 - NMED DOE Oversight Bureau Ground-Water Quality Results: Dissolved and Total Radionuclides.

STATION ID		Date	H3 (pCi/L)	UNC	90Sr (pCi/L)	UNC	137Cs (pCi/L)	UNC	Na-22 (pCi/L)	UNC	U (ug/L)	UNC	234U (pCi/L)	235U (pCi/L)	238U (pCi/L)	238Pu (pCi/L)	UNC	239/240 Pu (pCi/L)	UNC	241Am (pCi/L)	UNC	237Np (pCi/L)	UNC	Gross Alpha (pCi/L)	UNC	Gross Beta (pCi/L)	UNC
WELLS																											
DEEP AQUIFER																											
DT-5A	T	11/27/96	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.18	BDL	<1.5	BDL	2	1.1
	T	09/11/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	-0.05	0.05	-0.02	0.03	NA	-	NA	-	-0.36	0.66	1.62	0.72
DT-9	F	09/18/96	NA	-	NA	-	NA	-	NA	-	0.5	0.07	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<0.60	BDL	<1.5	BDL
DT-10	F	09/19/96	NA	-	NA	-	NA	-	NA	-	1.15	0.16	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.66	0.22	<1.4	BDL
TW-1	T	08/11/97	320	240	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.4	BDL	3.3	1.9
TW-2	T	08/21/96	NA	-	<0.27	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-2 (1st well volume)	T	09/09/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.75	0.76	2.7	0.68
TW-2 (3rd well volume	T	09/09/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.42	0.55	1.47	0.67
TW-3	T	01/29/96	NA	-	<0.58	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	2.09	0.9
	T	09/30/96	NA	-	0.1	0.23	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	11/15/96	NA	-	<0.72	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	08/11/97	NA	-	<0.43	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-4	T	01/23/96	NA	-	<0.61	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	2.02	0.51
	T	09/27/96	NA	-	0.08	0.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	11/15/96	NA	-	<0.66	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	08/11/97	NA	-	<0.48	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.3	BDL	<2.7	BDL
TW-8		02/13/96	NA	-	<0.42(T)	BDL	NA	-	NA	-	NA	-	0.45(F)	<0.07(F)	0.25(F)	<0.09(T)	BDL	<0.05(T)	BDL	<0.03(T)	BDL	NA	-	<0.79(T)	BDL	<2.0(T)	BDL
	T	09/30/96	NA	-	-0.09	0.21	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	11/15/96	NA	-	<0.70	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
INTERM. AQUIFER (VOLCANICS/SEDIMENTARY)																											
LADP-3	F	12/04/96	NA	-	<0.29	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.32	BDL	<1.3	BDL	6.3	1.5
POI - 4	F	06/07/96	NA	-	<0.52	BDL	NA	-	NA	-	NA	-	1.37	0.01	0.85	NA	-	NA	-	NA	-	NA	-	4.13	0.91	10	2
R-9 (180' ZONE)	F	09/06/97	NA	-	1.53	0.58	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
R-9 (580' ZONE)	T	12/20/97	NA	-	NA	-	NA	-	NA	-	NA	-	0.9	0.1	0.7	NA	-	NA	-	NA	-	NA	-	4	1.3	13.3	1
R-9 (580' ZONE)	F	12/20/97	NA	-	NA	-	NA	-	NA	-	NA	-	0.5	BDL	0.4	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TW-1A	T	08/11/97	-16.51	230	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.9	BDL	3.5	1.8
TW-2A	T	08/21/96	NA	-	<0.27	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.19	BDL	NA	-	NA	-
TW-2A (1st well volum	T	09/09/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.33	0.45	2.01	0.48
TW-2A (3rd well volum	T	09/09/97	1739.64	194.64	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.7	0.5	2.44	0.59
PERCHED AQUIFER (ALLUVIUM)																											
Canada del Buey																											
CDBO-6	T	06/16/97	NA	-	<0.58	BDL	NA	-	NA	-	9.4	1.3	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	48.4	7	44.4	6.8
CDBO-7	T	06/16/97	NA	-	<0.51	BDL	NA	-	NA	-	24.9	3.4	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	307	41	239	34
DP Canyon																											
LAUZ-1		12/04/97	NA	-	226	41	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LAUZ-2		12/04/97	NA	-	80	14	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Los Alamos Canyon																											
LAO-0.7	F	07/29/96	NA	-	NA	-	NA	-	NA	-	0.58	0.08	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	T	06/18/97	NA	-	NA	-	NA	-	NA	-	0.32	0.04	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.73	0.82	3.2	1.1
LAO-1	F	06/18/97	-151.4	93	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LAO-2	F	11/13/96	NA	-	18.7	3.4	NA	-	NA	-	NA	-	0.08	0.01	0.05	NA	-	NA	-	NA	-	<0.05	BDL	NA	-	NA	-
	T	08/04/97	50	230	12.7	1.6	NA	-	NA	-	NA	-	NA	NA	NA	0	0.015	0.033	0.024	NA	-	NA	-	NA	-	NA	-
LAO-3A	F	08/04/97	100	230	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LAO-4.5C	T	08/04/97	NA	-	1.3	0.53	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.2	BDL	7.7	2.2
Mortandad Canyon																											
MCO-4B	2 F	03/05/96	19100	2500	111	12	<1.72	BDL	24.7	2.69	NA	-	6.43	0.18	1.36	<0.23	BDL	<0.15	BDL	0.47	0.08	NA	-	6.9	2.3	611	68
	3 F	03/05/96	18080	870	105.2	5.7	0	2.4	24.9	5.2	NA	-	5.88	0.29	1.7	0.03	0.029	0.04	0.034	0.54	0.11	NA	-	8.7	4.3	534	30
	T	08/05/97	NA	-	46.2	4.8	NA	-	NA	-	2.02	0.28	NA	NA	NA	0.045	0.036	0.007	0.018	NA	-	NA	-	4	1.4	135	14
MCO-5	F	08/09/96	NA	-	32.8§	1.1	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	<0.11	BDL	10.8	2.9	538	60
	T	08/09/96	sample acidified with nitric acid, filtered, and then analyzed on 8/30/9						NA	-	NA	-	NA	NA	NA	0.04	0.03	0.03	0.02	0.31	0.09	NA	-	14.2	3.6	534	61
	T	08/09/96	sample acidified with nitric acid, and then analyzed on11/16/96						NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	8.9	2.3	433	44
	F	08/08/97	18200	2400	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MCO-6	F	08/05/97	19300	2500	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MCO-7.5	T	06/13/97	NA	-	<0.50	BDL	NA	-	NA	-	2.07	0.28	NA	NA	NA	0.011	0.018	0.006	0.018	NA	-	NA	-	<2.2	BDL	84	9
MCO-13	F	02/11/97	<340	BDL	3.8	2.3	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MT-3	F	02/11/97	42700	5400	<1.6	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MT-4	F	02/11/97	30900	3900	0.99	0.55	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Canyon																											
MW-13	F	12/04/96	NA	-	<0.56	BDL	NA	-	NA	-	NA	-	0.04	0	0.01	0.08	0.04	0	0.02	NA	-	NA	-	<1.5	BDL	2.5	1.4
PCO-1	T	06/16/97	-165.5	93	<0.46	BDL	NA	-	NA	-	0.11	0.02	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.0	BDL	<3.3	BDL
Santa Clara Canyon																											
PUYE WELL	F	11/21/97	NA	-	0.42	0.5	NA	-	NA	-	NA	-	-0.01	-0.02	0.06	NA	-	NA	-	NA	-	NA	-	0.22	0.56	2.22	0.69
RANGER STATION W	F	11/21/97	NA	-	0.47	0.56	NA	-	NA	-	NA	-	0.29	-0.02	0.1	NA	-	NA	-	NA	-	NA	-	1.42	0.63	2.94	0.48
SAW DUST WELL	F	11/21/97	NA	-	1.84	0.56	NA	-	NA	-	NA	-	0.08	0.04	0.04	NA	-	NA	-	NA	-	NA	-	0.19	0.45	1.33	0.57
WATER SUPPLY																											
G-1A	T	06/25/97	NA	-	<0.61	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.1	BDL	<2.8	BDL
G-4	T	06/25/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.6	BDL	<2.8	BDL
G-6	T	06/25/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.8	BDL	<2.8	BDL
PM-1	T	06/25/97	NA	-	<0.64	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.8	BDL	3.1	1.8
PM-2	T	06/25/97	NA	-	<0.56	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.7	BDL	<2.8	BDL
PM-4	T	06/25/97	NA	-	<0.73	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.7	BDL	<2.8	BDL
PM-5	T	06/25/97	NA	-	<0.61	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.7	BDL	<2.8	BDL
San Ildefonso Pueblo																											
HALLADAY HOUSE	T	08/13/96	NA	-	<0.60	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.3	BDL	<3.3	BDL
LA-5	T	08/14/96	NA	-	<0.57	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<0.84	BDL	<2.4	BDL
	T	07/06/97	0	240	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	<2.4	BDL
OTOWI HOUSE	T	08/13/96	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	2.9	1	<6.7	BDL
MISC.																											
Misc. Wells																											
CH-2 @ TA-49	F	03/10/97	<140	BDL	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1	0.67	4.9	1.1
SPRINGS																											
Frijoles Canyon																											
APACHE SPRING	F	09/03/97	NA	-	NA	-	NA	-	NA	-	0.16	0.02	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.2	BDL	<3.4	BDL
Guaje Canyon																											
AGUA PIEDRA SPRIN	F	08/29/97	NA	-	NA	-	NA	-	NA	-	0.12	0.02	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.4	BDL	<3.3	BDL
GC SPRING 1	F	08/11/97	NA	-	NA	-	NA	-	NA	-	NA	-	0.074	0.013	0.046	NA	-	NA	-	NA	-	NA	-	<2.0	BDL	<3.2	BDL
Los Alamos Canyon & Tributaries																											
DP SPRING	F	03/25/97	NA	-	98	18	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	<0.032	BDL	<0.076	BDL	<2.5	BDL	198	21
		12/13/97	NA	-	61	11	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
DP-0.0 SPRING	F	05/16/97	NA	-	3.09	0.59	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
INDIAN SPRING	F	08/30/96	NA	-	0.13	0.21	NA	-	NA	-	NA	-	0.94	0	0.39	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	<4.6	BDL
LA SPRING	F	04/02/96	NA	-	<0.59	BDL	NA	-	NA	-	NA	-	1.33	0.05	0.86	NA	-	NA	-	NA	-	NA	-	0.9	0.51	4.5	1.5
	T	07/18/97	NA	-	<0.54	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Canyon & Tributaries																											
ANDERSON SPRING	T	02/20/96	NA	-	0.07	0.29	NA	-	NA	-	NA	-	0.19	0.04	0.107	NA	-	NA	-	NA	-	NA	-	12.2	5.6	29.8	5.2
	F	04/16/96	NA	-	-0.2	1.6	NA	-	NA	-	NA	-	1.14	0.66	1.14	NA	-	NA	-	NA	-	NA	-	0.2	1	2.9	1.4
HANLON SPRING	T	02/20/96	NA	-	0.15	0.33	NA	-	NA	-	NA	-	3	0.3	2.4	NA	-	NA	-	NA	-	NA	-	79	19	77	12
	F	04/16/96	NA	-	-0.8	1.6	NA	-	NA	-	NA	-	0.43	0.04	-0.06	NA	-	NA	-	NA	-	NA	-	-0.16	0.76	2.5	1.5
PA-11.5 SPRING	F	07/26/96	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.86	0.26	3.27	0.63
TA-18 SPRING	F	05/13/96	NA	-	NA	-	NA	-	NA	-	NA	-	0.27	0.01	0.09	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Santa Clara Canyon																											
COLONEL SPRING	F	11/13/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.35	0.41	0.65	0.51
Water Canyon & Tributaries																											
BURNING GRND. SP	F	05/24/96	NA	-	NA	-	NA	-	NA	-	NA	-	0.5	0.03	0.16	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
CDV-5.0 SPRING	F	07/18/96	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.72	0.39	2.91	0.64
White Rock Canyon																											
ANCHO SPRING	T	10/08/96	NA	-	-0.04	0.2	NA	-	NA	-	NA	-	0.11(F)	0.06(F)	0.06(F)	NA	-	NA	-	NA	-	0	0.19	<1.2(F)	BDL	2.8(F)	1.3
	F	11/19/97	NA	-	2.08	0.59	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.34	0.51	1.95	0.8
OTOWI SPRING	F	07/08/96	NA	-	<0.51	BDL	NA	-	NA	-	NA	-	1.12	0.05	0.71	0	0.03	0.01	0.02	0.01	0.03	NA	-	4.6	1.6	5.7	2
SANDIA SPRING	F	08/29/96	NA	-	0	0.21	NA	-	NA	-	NA	-	0.32	0.01	0.21	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	<4.7	BDL
	T	08/19/97	NA	-	<0.34	BDL	NA	-	NA	-	0.98	0.13	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.4	BDL	<3.3	BDL
SPRING 1	F	05/03/96	NA	-	<0.62	BDL	NA	-	NA	-	NA	-	1.46	0.04	0.77	NA	-	NA	-	NA	-	NA	-	2	0.48	<2.5	BDL
	T	08/19/97	NA	-	<0.36	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 2	T	08/19/97	NA	-	<0.33	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 3	F	11/18/97	NA	-	1.02	0.7	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	2.02	0.63	4.18	0.67
SPRING 3A	F	04/03/96	NA	-	<0.58	BDL	NA	-	NA	-	NA	-	0.63	<0.06	0.42	NA	-	NA	-	NA	-	NA	-	0.65	0.33	4.2	1
	T	10/07/96	NA	-	0.01	0.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 3AA	F	11/18/97	NA	-	0.88	0.48	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.38	0.48	2.89	0.67
SPRING 4	F	04/24/96	NA	-	<0.87	BDL	NA	-	NA	-	NA	-	8.1	0.38	8.5	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 4A	F	04/24/96	NA	-	<1.3	BDL	NA	-	NA	-	NA	-	0.75	0.04	0.33	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
		10/08/96	NA	-	-0.02(T)	0.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.6(F)	BDL	<2.9(F)	BDL
	F	11/18/97	NA	-	1.47	0.58	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.44	0.56	5.78	0.73
SPRING 5	F	04/24/96	NA	-	<0.65	BDL	NA	-	NA	-	NA	-	0.46	0.02	0.23	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	F	09/29/97	NA	-	0.31	0.58	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 5A		10/08/96	NA	-	0.27(T)	0.21	NA	-	NA	-	NA	-	0.85(F)	0.04(F)	0.64(F)	NA	-	NA	-	NA	-	-0.20(F)	0.13	NA	-	NA	-
SPRING 8A	F	03/21/96	NA	-	<0.60	BDL	NA	-	NA	-	NA	-	0.52	<0.09	0.27	NA	-	NA	-	<0.91	BDL	NA	-	<0.67	BDL	3.51	0.9
	F	09/30/97	NA	-	0.53	0.52	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 9	F	03/21/96	NA	-	<0.63	BDL	NA	-	NA	-	NA	-	1.61	<0.06	0.85	NA	-	NA	-	<0.44	BDL	NA	-	1.71	0.52	2.6	0.91
	F	09/30/97	NA	-	0.11	0.48	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SPRING 9A	F	03/21/96	NA	-	<0.69	BDL	NA	-	NA	-	NA	-	3.21	<0.08	1.64	NA	-	NA	-	<0.59	BDL	NA	-	1.39	0.47	<2.5	BDL
		10/09/96	NA	-	-0.07(F)	0.2	NA	-	NA	-	NA	-	0.56(F)	0.05(F)	0.2(F)	NA	-	NA	-	NA	-	0.16(T)	0.22	NA	-	NA	-
Other Springs																											
SACRED SPR. @ PO	F	07/08/97	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.6	BDL	<2.4	BDL
SACRED SPR. @ SO	F	07/08/97	NA	-	<0.47	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.5	BDL	<3.5	BDL

2 - Duplicate sample Lab 1
3 - Duplicate sample Lab 2
UNC - Uncertainties (2 Sigma)
NA-Not analyzed
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (Filtered fraction < 0.45 micron).
§ - Holding times broken

SC-SPECIFIC CONDUCTANCE
NA-NOT ANALYZED
*-METAL RESULTS FROM A NON-FILTERED SAMPLE &REPRESENTS TOTAL METALS

NA-NOT ANALYZED
*-METAL RESULTS FROM A NON-FILTERED SAMPLE &

13.3
11.3

17

11
11.3

- SLD

12.2 ATI

11.6

& REPRESENTS TOTAL METALS

Table 4 - NMED DOE Oversight Bureau Ground-Water Quality Results: High Explosive Compounds.

WELLS and SPRINGS

SAMPLE ID:	DT-10		MW-13		MW-15		ANCHO SPR.	
SAMPLING DATE:	08/19/96		12/04/96		12/04/96		03/18/97	
	*RESULT	(DL	*RESULT	(DL	*RESULT	(DL	*RESULT	(DL
2-AMINO-4,6-DNT &	ND	0.25	ND	0.25	ND	0.25	ND	0.25
OCTAHYDRO-1,3,5,7-N	ND	1	ND	1	ND	1	ND	1
HEXAHYDRO-1,3,5-TN	ND	0.84	ND	0.84	ND	0.84	ND	0.84
1,3,5-TRINITROBENZN	NA	-	NA	-	NA	-	NA	-
1,3-DINITROBENZENN	ND	0.25	NA	-	NA	-	NA	-
TETRYL	NA	-	NA	-	NA	-	ND	1
NITROBENZENE (NB	NA	-	NA	-	NA	-	NA	-
2,4,6-TRINITROTOLUN	ND	0.25	ND	0.25	ND	0.25	ND	0.25
2,4-DINITROTOLUENN	ND	0.25	ND	0.25	ND	0.25	ND	0.25
o-NITROTOLUENE (2	NA	-	NA	-	NA	-	NA	-
p-NITROTOLUENE (4	NA	-	NA	-	NA	-	NA	-
m-NITROTOLUENE (3	NA	-	NA	-	NA	-	NA	-

NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

* - Modified Method 8330
NA - Not analyzed or not available
DL - Detection limit (ug/L)

Table 5 - NMED DOE Oversight Bureau Ground-Water Quality Results: Volatile Organic Compounds.

SAMPLE ID:	DT-9		DT-10		SWSC Spr.		DP SPRING		PETER SPRING	
SAMPLING DATE:	09/18/96		09/19/96		12/20/96		10/15/97		06/27/97	
UNITS	ug/L	RL	ug/L	RL	ug/L	RL	ug/L	RL	ug/L	RL
PARAMETER										
ACETONE	ND	20	ND	20	ND	20	NA	-	4J,B	20
BENZENE	ND	5	ND	5	ND	5	ND	5	ND	5
BROMOBENZENE	ND	5	ND	5	ND	5	ND	5	ND	5
BROMOCHLOROMET	ND	5	ND	5	ND	5	ND	5	ND	5
BROMODICHLOROM	ND	5	ND	5	ND	5	ND	5	ND	5
BROMOFORM	ND	5	ND	5	ND	5	ND	5	ND	5
BROMOMETHANE	ND	10	ND	10	ND	10	ND	5	ND	10
2-BUTANONE (MEK)	ND	20	ND	20	ND	20	NA	-	ND	20
n-BUTYLBENZENE	ND	5	ND	5	ND	5	ND	5	ND	5
sec-BUTYLBENZENE	ND	5	ND	5	ND	5	ND	5	ND	5
tert-BUTYLBENZENE	ND	5	ND	5	ND	5	ND	5	ND	5
tert-BUTYL METHYL E	NA	-	NA	-	NA	-	NA	-	NA	-
CARBON DISULFIDE	ND	5	ND	5	ND	5	NA	-	ND	5
CARBON TETRACHL	ND	5	ND	5	ND	5	ND	5	ND	5
CHLOROBENZENE	ND	5	ND	5	ND	5	ND	5	ND	5
CHLORODIBROMOM	NA	-	NA	-	NA	-	ND	5	NA	-
CHLOROETHANE	ND	10	ND	10	ND	10	ND	5	ND	10
2-CHLOROETHYL VI	ND	10	ND	10	ND	10	NA	-	ND	10
CHLOROFORM	ND	5	ND	5	ND	5	ND	5	ND	5
CHLOROMETHANE	ND	10	ND	10	ND	10	ND	5	ND	10
2-CHLOROTOLUENE	ND	5	ND	5	ND	5	ND	5	ND	5
4-CHLOROTOLUENE	ND	5	ND	5	ND	5	ND	5	ND	5
1,2-DIBROMO-3-CHL	ND	10	ND	10	ND	10	NA	-	ND	10
DIBROMOCHLOROM	ND	5	ND	5	ND	5	NA	-	ND	5
1,2-DIBROMOETHAN	ND	5	ND	5	ND	5	NA	-	ND	5
DIBROMOMETHANE	ND	5	ND	5	ND	5	ND	5	ND	5
1,2-DICHLOROBENZE	ND	5	ND	5	ND	5	ND	5	ND	5
1,3-DICHLOROBENZE	ND	5	ND	5	ND	5	ND	5	ND	5
1,4-DICHLOROBENZE	ND	5	ND	5	ND	5	ND	5	ND	5
DICHLORODIFLUOR	ND	10	ND	10	ND	10	ND	5	ND	10
1,1-DICHLOROETHA	ND	5	ND	5	ND	5	ND	5	ND	5
1,2-DICHLOROETHA	ND	5	ND	5	ND	5	ND	5	ND	5
1,1-DICHLOROETHE	ND	5	ND	5	ND	5	ND	5	ND	5
CIS--1,2-DICHLOROE	ND	5	ND	5	ND	5	ND	5	ND	5
TRANS--1,2-DICHLOF	ND	5	ND	5	ND	5	NA	-	ND	5
TRANS--1,2-DICHLOF	NA	-	NA	-	NA	-	ND	5	NA	-
1,1-DICHLOROPROP	ND	5	ND	5	ND	5	ND	5	ND	5
1,2-DICHLOROPROP	ND	5	ND	5	ND	5	ND	5	ND	5
1,3-DICHLOROPROP	ND	5	ND	5	ND	5	ND	5	ND	5
CIS--1,3-DICHLOROP	ND	5	ND	5	ND	5	ND	5	ND	5
2,2-DICHLOROPROP	ND	5	ND	5	ND	5	ND	5	ND	5
2,2-DICHLOROPROP	NA	-	NA	-	NA	-	NA	-	NA	-
TRANS--1,3-DICHLOF	ND	5	ND	5	ND	5	ND	5	ND	5
ETHYLBENZENE	ND	5	ND	5	ND	5	ND	5	ND	5
2-HEXANONE	ND	20	ND	20	ND	20	NA	-	ND	20
HEXACHLOROBUTA	ND	5	ND	5	ND	5	ND	5	ND	5
IDOMETHANE	ND	5	ND	5	ND	5	NA	-	ND	5
ISOPROPYLBENZEN	ND	5	ND	5	ND	5	ND	5	ND	5
p-ISOPROPYLTOLUE	ND	5	ND	5	ND	5	ND	5	ND	5
METHYL-t-BUTYL ETI	ND	5	ND	5	ND	5	NA	-	ND	5
4-METHYL-2-PENTA	ND	20	ND	20	ND	20	NA	-	ND	20
1-METHYLNAPHTHA	NA	-	NA	-	NA	-	NA	-	NA	-
2-METHYLNAPHTHA	NA	-	NA	-	NA	-	NA	-	NA	-
4-ISOPROPYLTOLUE	NA	-	NA	-	NA	-	NA	-	NA	-
METHYLENE CHLOR	ND	5	ND	5	ND	5	ND	5	ND	5
NAPHTHALENE	ND	5	ND	5	ND	5	ND	5	ND	5
n-PROPYLBENZENE	ND	5	ND	5	ND	5	ND	5	ND	5
PROPYLBENZENE	NA	-	NA	-	NA	-	NA	-	NA	-
STYRENE	ND	5	ND	5	ND	5	ND	5	ND	5
1,1,1,2-TETRACHLOF	ND	5	ND	5	ND	5	ND	5	ND	5
1,1,2,2-TETRACHLOF	ND	5	ND	5	ND	5	ND	5	ND	5
TETRACHLOROETHE	ND	5	ND	5	ND	5	ND	5	ND	5
TETRAHYDROFURA	NA	-	NA	-	NA	-	NA	-	NA	-
TOLUENE	ND	5	ND	5	ND	5	ND	5	ND	5
1,2,3-TRICHLOROBE	ND	5	ND	5	ND	5	ND	5	ND	5
1,2,4-TRICHLOROBE	ND	5	ND	5	ND	5	ND	5	ND	5
1,1,1-TRICHLOROET	ND	5	ND	5	ND	5	ND	5	ND	5
1,1,2-TRICHLOROET	ND	5	ND	5	ND	5	ND	5	ND	5
TRICHLOROETHENE	ND	5	ND	5	ND	5	ND	5	2J	5
TRICHLOROFLUORO	ND	5	ND	5	ND	5	ND	5	ND	5
1,2,3-TRICHLOROPR	ND	5	ND	5	ND	5	ND	5	ND	5
TRICHLOROTRIFLUC	ND	5	ND	5	ND	5	NA	-	ND	5
1,1,2-TRICHLORO-2,2	NA	-	NA	-	NA	-	NA	-	NA	-
1,2,4-TRIMETHYLBE	ND	5	ND	5	ND	5	ND	5	ND	5
1,3,5-TRIMETHYLBE	ND	5	ND	5	ND	5	ND	5	ND	5
VINYL ACETATE	ND	20	ND	20	ND	20	NA	-	ND	5
VINYL CHLORIDE	ND	10	ND	10	ND	10	ND	5	ND	10
o-XYLENE	ND	5	ND	5	ND	5	ND	5	ND	5
p- & m-XYLENE	ND	5	ND	5	ND	5	ND	5	ND	5
TOTAL XYLENES	NA	-	NA	-	NA	-	NA	-	NA	-

RL- Reporting limit
NA - Not analyzed
ND - Not detected
B - Indicates sample was detected in lab blank as well as in the sample
J - Indicates an estimated value for tentatively identified components, or compounds detected and identified but present at a concentration less than the practical quantitation limit

Table 6 - NMED DOE Oversight Bureau Ground-Water Quality Results: Semi-Volatile Organic Compounds.

SAMPLE ID:	DT-9		
SAMPLING DATE:	09/18/96		
UNITS	ug/L	DL	
PARAMETER			
1,2,4,-TRICHLOROBE	ND		10
1,2,4,5-TETRACHLOR	NA	-	
1,2-DICHLOROBENZE	ND		10
1,2-DIPHENYLHYDRA	NA	-	
1,3,-DICHLOROBENZ	ND		10
1,4,-DICHLOROBENZ	ND		10
1-CHLORONAPTHALI	NA	-	
1-NAPTHYLAMINE	NA	-	
2,2,3,3,4,5,6,6-OCTAC	NA	-	
2,2,3,3,4,4,6-HEPTAC	NA	-	
2,2,4,4,5,6-HEXACHL	NA	-	
2,2,3,4,6-PENTACHLC	NA	-	
2,2,4,4-TETRACHLOR	NA	-	
2,3,4,6-TETRACHLOR	NA	-	
2,4,5-TRICHLOROBIP	NA	-	
2,4,5-TRICHLOROPHI	ND		10
2,4,6-TRICHLOROPHI	ND		10
2,3-DICHLOROBIPHE	NA	-	
2,4-DICHLOROPHEN	ND		10
2,4-DIMETHYLPHENC	ND		10
2,4-DINITROPHENOL	ND		50
2,4-DINITROTOLUEN	ND		10
2,6-DICHLOROPHEN	NA	-	
2,6-DINITROTOLUEN	ND		10
2-CHLORONAPHTHA	ND		10
2-CHLOROBIPHENYL	NA	-	
2-CHLOROPHENOL	ND		10
2-METHYLNAPHTHAI	ND		10
2-METHYLPHENOL	ND		10
2-NAPTHYLAMINE	NA	-	
2-NITROANILINE	ND		50
2-NITROPHENOL	ND		10
2-PICOLINE	NA	-	
3,3-DICHOLOROBEN	ND		50
3-METHYLCHOLANTI	NA	-	
3-NITROANILINE	ND		50
4,6-DINITRO-2-METH	ND		50
4-AMINOBIPHENYL	NA	-	
4-BROMOPHENYL PH	ND		10
4-CHLORO-3-METHY	ND		10
4-CHLOROANILINE	ND		25
4-CHLOROPHENYL P	ND		10
4-METHYLPHENOL	ND		10
4-NITROANILINE	ND		50
4-NITROPHENOL	ND		50
7,12-DIMETHYLBENZ	NA	-	
A-,A-DIMETHYLPENE	NA	-	
ACENAPHTHENE	ND		10
ACENAPHTHYLENE	ND		10
ACETOPHENONE	NA	-	
ALACHLOR	NA	-	
ALDRINE	NA	-	
ALPHA-CHLORDANE	NA	-	
ANILINE	ND		25
ANTHRACENE	ND		10
AROCLOR 1016	NA	-	
AROCLOR 1221	NA	-	
AROCLOR 1232	NA	-	
AROCLOR 1242	NA	-	
AROCLOR 1248	NA	-	
AROCLOR 1254	NA	-	
AROCLOR 1260	NA	-	
ATRAZINE	NA	-	
AZOBENZENE	ND		10
BENZIDINE	NA	-	

UNITS	ug/L	DL	
PARAMETER			
BENZO(A)ANTHRACE	ND		10
BENZO(A)PYRENE	ND		10
BENZO(B)FLUORANT	ND		10
BENZO(G,H,I)PERYLI	ND		10
BENZO(K)FLUORANT	ND		10
BENZOIC ACID	ND		50
BENZYL ALCOHOL	ND		10
BIS (2-CHLOROETHC	ND		10
BIS (2-CHLOROETHY	ND		10
BIS (2-CHLOROISOPI	ND		10
BIS(2-ETHYLHEXYL)F	ND		10
BUTYL BENZYL PHTH	ND		10
BUTACHLOR	NA	-	
CARBAZOLE	ND		10
CHLORDANE (TOTAL	NA	-	
CHRYSENE	ND		10
DI(2 ETHYLHEXYL) A	NA	-	
DI(2 ETHYLHEXYL) P	NA	-	
DI-N-BUTYL PHTHAL	ND		10
DI-N-OCTYL PHTHAL	ND		10
DIBENZO(A,H)ANTHR	ND		10
DIBENZO(A,J)ACRIDI	NA	-	
DIBENZOFURAN	ND		10
DIELDRIN	NA	-	
DIETHYL PHTHALATE	ND		10
DIMETHYL PHTHALA	ND		10
DIPHENYLAMINE	NA	-	
ENDRIN	NA	-	
FLUORANTHENE	ND		10
FLUORENE	ND		10
GAMMA-CHLORDANE	NA	-	
HEPTACHLOR	NA	-	
HEPTACHLOR EPOX	NA	-	
HEXACHLOROBENZE	ND		10
HEXACHLOROBUTAI	ND		10
HEXACHLOROCYCL	ND		10
HEXACHLOROETHAI	ND		10
INDENO(1,2,3-CD)PY	ND		10
ISOPHORONE	ND		10
LINDANE	NA	-	
N-NITROSO-DI-N-PR	ND		10
N-NITROSODI-N-BUT	NA	-	
N-NITROSODIMETHY	ND		10
N-NITROSODIPHENY	ND		10
N-NITROSOPIPERIDI	NA	-	
NAPHTHALENE	ND		10
NITROBENZENE	ND		10
METOLACHLOR	NA	-	
METHOXYCHLOR	NA	-	
METRIBUZIN	NA	-	
P-DIMETHYLAMINOA	NA	-	
PENTACHLOROBENZ	NA	-	
PENTACHLORONITR	NA	-	
PENTACHLOROPHEI	ND		50
PHENACETIN	NA	-	
PHENANTHRENE	ND		10
PHENOL	ND		10
PRONAMIDE	NA	-	
PROPACHLOR	NA	-	
PYRENE	ND		10
PYRIDINE	ND		10
SIMAZINE	NA	-	
TOXAPHENE MIXTUF	NA	-	
TRANS NONACHLOR	NA	-	

DL- Method detection limit
NA - Not analyzed
ND - Not detected

Table 7 - NMED DOE Oversight Bureau Surface-Water Quality Results: General Chemistry.

STATION ID	Type		Date	Time	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	PHOS^ (mg/L)	SO4 (mg/L)	NO/2-NO3 AS N (mg/L)	K JEL.^^ N (mg/L)	AMMON (mg/L)	TDS (mg/L)	TSS (mg/L)	SUSPENDED LOAD (mg/L)	FIELD pH (S.U.)	FIELD SC (uS/cm)	FIELD TDS (ppm)	TEMP. (C)	dO (mg/L)	X-Y COORDINATES EASTING	NORTHING
ANCHO CANYON																											
AN-0.01	P	F	03/19/97	12:05	13	3	2	11	2.4	0.3	<5	65	<0.05	3	<0.05	1.3	<1	160	<10	NA	8.29	121.1	84	20.6	NA	509424.33	1735778.35
AN-0.57	P		03/19/97	11:15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.87	119	82	14.9	8.3	507121.63	1737219.55
FRIJOLES CANYON																											
FRIJOLES @ RIO GRANDE	P	F	09/30/97	12:05	10	3.2	2.2	10	<5	0.2	NA	NA	0.05	12	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	499198	1729494
FR-7.6	P	F	02/21/97	11:15	8	3	2	10	3.2	0.1	<5	52	0.05	2	0.14	2.1	<0.5	78	<10	NA	7.25	96	73	4.1	NA	466706.24	1752128.34
FR-7.7	sw																									466630.26	1752213.42
GUAJE CANYON																											
GC-5.7	E/SM	F	02/26/97	14:25	7	2	3	7	1.4	NA	<5	43	0.09	5	<0.05	<1	<0.5	110	NA	NA	6.38	76.3	53	3.6	NA	498702.48	1791461.11
GC-11.3	P	F	02/26/97	11:00	6	2	2	8	1.3	NA	<5	39	0.05	2	0.25	<1	<0.5	96	NA	NA	6.93	70.7	49	0.7	NA	471470.95	1794082.45
LOS ALAMOS CANYON & TRIBUTARIES																											
ACID WEIR	E/D		06/02/97	10:57	NA	NA	NA	NA	86	NA	<5	48	NA	7	0.86	NA	NA	NA	NA	NA	6.34	376	260	7.8	NA	484214	1778741
DP-0.01 (ES STA. DPS-6)	E/ST		06/26/96	22:14-22:39*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2050	NA	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		07/17/96	15:40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2400	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		07/17/96	15:45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8700	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		07/17/96	15:50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7700	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		07/17/96	15:55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9400	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		08/18/96	14:04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18000	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		08/18/96	14:19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9800	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		08/18/96	14:34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8100	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		08/18/96	14:49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5800	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		08/18/96	15:04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4100	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/ST		08/18/96	15:19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3600	NA	NA	NA	NA	NA	497258.4	1773227.8
	E/D		06/10/97	10:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.09	261	180	12.3	7.45	497258.4	1773227.8
	E/ST		09/22/97	10:15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154.2	107	13.1	NA	497258.4	1773227.8
DP-0.69 (ES STA. DPS-1)	E/D		07/09/96	10:36	(See table 9)																					493081	1774796
HILLSIDES																											
HSTA-1-A	E/ST		07/19/97	15:26	(See tables 8, 9 & 14)																					482239.26	1775297.27
HSTA-1-B	E/ST		07/19/97	15:12	(See tables 8, 9 & 14)																					483195.57	1774832.87
HSTA-1-C	E/ST		07/19/97	14:58	(See tables 8, 9 & 14)																					483634.83	1774328.56
HSTA-1-138	E/ST		07/19/97	15:04	(See tables 8, 9 & 14)																					484566.25	1774450.41
LA-5.3	E/ST		06/13/96	21:36	(See tables 8, 9, 13 & 14)																					508147.9	1770780.5
	E/SM		04/25/97	9:25	(See tables 8, 9, 13 & 14)																					508147.9	1770780.5
	E/ST		08/18/97	15:00	(See tables 8, 9, 13 & 14)																					508147.9	1770780.5
	E/ST		09/22/97	9:40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	183.3	127	12.0	NA	508147.9	1770780.5
LA-5.9	E/ST		09/22/97	9:55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	197.8	137	12.0	NA	500436.004	1772649.468
LA-6.6	E/ST		08/18/96	14:27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3900	NA	NA	NA	NA	NA	496955	1772700.60
	E/SM		04/25/97	9:50	(See table 9)																					496955	1772700.60
	E/ST		08/04/97	11:15	(See table 8)																					496955	1772700.60
	E/ST		08/18/97	15:15	(See table 8)																					496955	1772700.60
	E/ST		09/22/97	10:05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.9	134	11.9	NA	496955	1772700.60
LA-8.0	E/ST		09/22/97	10:30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.1	133	12.9	NA	492402.736	1773416.37
LA-8.4	E/ST		09/22/97	11:05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	180.8	125	13.6	NA	487286.375	1774231.676
LA-10.7	E/SM		03/26/97	10:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.36	90	62	3.2	8.9	476794.77	1775540.71
LA-12.5	P	F	02/25/97	10:47	6	2	2	7	4.7	NA	<5	39	0.06	3	0.22	<1	<0.5	88	NA	NA	6.71	78	59	0.8	10	468341.18	1777396.72
	P	F	02/25/97	10:47	6	3	2	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	468341.18	1777396.72
PUEBLO 1	E/D		06/02/97	9:45	NA	NA	NA	NA	5.3	NA	<5	58	NA	7	<0.05	NA	NA	NA	NA	NA	6.99	286	198	11.3	NA	484165	1778817
MORTANDAD CANYON & TRIBUTARIES																											
CDB-2.01	E/ST		07/17/96	14:25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22000	NA	NA	NA	NA	NA	511527.9	1756424.6
	E/ST		07/17/96	14:30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17000	NA	NA	NA	NA	NA	511527.9	1756424.6
	E/ST		07/17/96	14:35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27000	NA	NA	NA	NA	NA	511527.9	1756424.6
	E/ST		07/17/96	14:41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24000	NA	NA	NA	NA	NA	511527.9	1756424.6
MORTANDAD @ GS-1	E/D		06/03/97	9:00	NA	NA	NA	NA	7	NA	<5	130	NA	6	1.7	NA	NA	NA	NA	NA	7.52	277	191	12.3	7.0	488502	1770230
PRT-0.01	E/D		09/22/97	11:30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	234	162	15.3	NA	489158.839	1768913.834
TA-50 OUTFALL	OF		10/29/97	12:00	(See table 9)																					485852	1770074
TCDB-0.5	E/ST		10/04/96	8:30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16700	NA	NA	NA	NA	NA	514144.3	1757184.9
PAJARITO CANYON & TRIBUTARIES																											
MDA-W	E/ST		08/21/97	13:07-13:10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4770	NA	NA	NA	NA	NA		
	E/ST		08/21/97	16:07-16:10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5380	NA	NA	NA	NA	NA		
PA-0.01	P	F	03/27/97	11:20	21	5	3	13	5.6	0.4	<5	86	<0.05	6	0.7	1.8	<1	180	<5	NA	8.23	177	123	20.1	7.25	516739.69	1747515.31
PA-8.9	P	F	02/07/97	14:00	16	5	4	25	48	<0.1	<5	39	<0.05	7	0.55	<2.50	<0.5	180	<10	NA	7.09	230	176	2.2	11.0	475232.94	1767775.31
PA-10.4	E/SM		03/27/97	11:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8	110	NA	3.9	NA	469631.26	1771300.84
	E/SM		05/01/97	9:40	7	3	2	4	2.4	<0.1	<5	36	0.08	6	<0.05	3.2	<0.5	130	24	NA	6.84	67.2	46	6.0	9.76	469631.26	1771300.84
PA-10.8	P7	F	02/24/97	11:30	7	3	2	4	0.8	NA	<5	38	0.07	3	0.30	<1	<0.5	83	NA	NA	7.09	68	52	0.8	10.2	466627.70	1772327.08
RIO GRANDE (WHITE ROCK CANYON)																											
RIO GRANDE @ FRIJOLES CANYON																											
SAMPLED AT 1 & 2 FT FROM BANK (RPR-1/2)	P/SM		05/27/97	14:50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	163	7.99	206	143	13.5	8	499198	1729494
SAMPLED AT 3 & 4 FT FROM BANK (RPR-3/4)	P/SM		05/27/97	14:52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	181	NA	NA	NA	NA	NA	499198	1729494
SAMPLED AT 5 & 6 FT FROM BANK (RPR-5/6)	P/SM		05/27/97	14:53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	167	NA	NA	NA	NA	NA	499198	1729494
SAMPLED AT 7 & 8 FT FROM BANK (RPR-7/8)	P/SM		05/27/97	14:55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	147	NA	NA	NA	NA	NA	499198	1729494
SAMPLED AT 9 & 10 FT FROM BANK (RPR-9/10)	P/SM		05/27/97	14:57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	138	NA	NA	NA	NA	NA	499198	1729494
SAMPLED AT 11 & 12 FT FROM BANK (RPR-11/12)	P/SM	F	05/27/97	14:59	24	4	2	9	2.6	0.2	<5	74	0.20	36	0.05	1.0	<0.5	177	NA	127	NA	NA	NA	NA	NA	499198	1729494
	P		07/09/97	8:25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.27	240	167	17.8	7.05	499198	1729494
RIO GRANDE @ OTOWI BRIDGE																											
SAMPLED AT 1 & 2 FT FROM BANK (RO-1/2)	P/SM		05/27/97	10:20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99	7.81	205	NA	12.3	8.45	532300	1773000
SAMPLED AT 3 & 4 FT FROM BANK (RO-3/4)	P/SM		05/27/97	10:22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	166	NA	NA	NA	NA	NA	532300	1773000
SAMPLED AT 5 & 6 FT FROM BANK (RO-5/6)	P/SM		05/27/97	10:25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	153	NA	NA	NA	NA	NA	532300	1773000
SAMPLED AT 7 & 8 FT FROM BANK (RO-7/8)	P/SM		05/27/97	10:26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	141	NA	NA	NA	NA	NA	532300	1773000
SAMPLED AT 9 & 10 FT FROM BANK (RO-9/10)	P/SM		05/27/97	10:29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	139	NA	NA	NA	NA	NA	532300	1773000
SAMPLED AT 11 & 12 FT FROM BANK (RO-11/12)	P/SM	F	05/27/97	10:32	24	5	2	9	2.4	0.2	<5	68	0.20	35	0.31	1.0	<0.5	126	NA	126	NA	NA	NA	NA	NA	532300	1773000
SANDIA CANYON																											
SA-3.48	E/ST		10/04/96	7:35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12200	NA	NA	NA	NA	NA	508366.266	1766701.297
	E/ST		10/04/96	7:40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6060	NA	NA	NA	NA	NA	508366.266	1766701.297
	E/ST		10/04/96	7:45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4120	NA	NA	NA	NA	NA	508366.266	1766701.297
	E/ST		10/04/96	7:50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3230	NA	NA	NA	NA	NA	508366.266	1766701.297
	E/ST		08/05/97	14:40	(See tables 8 & 9)																					508366.266	1766701.297
SA-7.8	P/TST		08/05/97	14:50	(See tables 9 & 12)																					492581.229	1771081.304
SA-8.7	P/TST		05/29/96	10:19	(See table 12)																					481544.2	1773572.1
SCS-3	E/D		06/03/97	10:40	NA	NA	NA	NA	7.6	NA	<5	150	NA	59	0.17	NA	NA	NA	NA	NA	8.28	NA	NA	19.9	6.2	495655	1770207
SANTA CLARA CANYON																											
SCC-1	P	F	11/13/97	15:30	13	1.6	1.4	8.6	1	0.6	<1	53	0.32	<10	<0.1	<0.5	0.16	120	28	NA	7.24	109.5	62	7.9	9.6	548416.397	1810344.499
SCC-2	P	F	11/13/97	14:25	5.8	1.4	0.9	8.2	1	0.6	<1	36	0.06	<10	<0.1	<0.5	<0.05	86	<5	NA	6.80	74.3	43	4.7	9.9	503541.154	1815563.273
SCC-3	P	F	11/13/97	13:30	4.9	1.1	0.8	8.0	1	0.6	<1	32	0.13	<10	<0.1	<0.5	<0.05	96	<5	NA	6.93	68.3	39	4.7	9.8	477906.232	1819008.423
SCC-4	E/D	F	11/13/97	10:15	4.1	0.67	0.5	6.7	1	0.6	<1	26	0.07	<10	<0.1	<0.5	<0.05	86	<5	NA	6.85	55.7	39	4.3	9.3	453407.619	1810140.056
WATER CANYON & TRIBUTARIES																											
DTC-0.95	E/D		04/21/97	10:25	NA	NA	NA	NA	NA	NA	NA	NA	0.34	NA	<0.05	3.4	<0.5	NA	NA	NA	8.01	92	64	5.3	NA	483083.96	1757811.33
VA-2.7	P	F	02/07/97	10:35	19	6	4	22	21	0.2	<5	77	0.08	10	1.0	<2.50	<0.5	160	<10	NA	7.21	215	164	0.5	11.3	475597.35	1764570.73
	P/SM		05/12/97	12:08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.7	118	14.9	7.8	475597.35	1764570.73
VA-5.2	P7	F	02/24/97	14:35	5	2	1	3	0.7	NA	<5	27	0.06	2	0.10	<1	<0.5	57	NA	NA	8.39	49	38	0.9	9.2	462911.96	1766878.27
WCT-0.1	P7	F	02/21/97	14:25	7	3	2	6	0.9	<0.1	<5	41	0.06	2	0.26	1.4	<0.5	76	<10	NA	7.11	74	56	9.7	NA	464276.46	1761851.24
WC-6.3	E/SM	F	04/21/97	11:15	10	3	4	18**	22	0.2	<5	38	0.11	6	<0.05	2.9	<0.5	170	3	NA	7.44	151	105	7.2	8.4	484745.68	1757441.12

^ - Total phosphate as phosphorus
^^ - Total Kjeldahl nitrogen
TDS - Total dissolved solids
TSS - Total suspended solids
SC - Specific conductance
NA - Not analyzed or not available
dO - Dissolved oxygen
+ sediment from the aqueous phase in the samples by centrifugation. After separation,
the sediment was transferred into a bend pyrex beaker and dried to an oven at 180 degrees C. The oven dry
weight of the sediment was calculated by difference.
* - Composite samples collected during times shown
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
s.u. - Standard Units
C - Degrees Celcius
ppm - Parts Per Million
uS/cm - Micro Siemens Per Centimeter

Surface Water Types

E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
OF - Ephemeral reach with flow supported by outfall(s).
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P/TST - Probable perennial reach with some contributions from storm-water runoff.
P7 - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

HILLSIDES

HSTA-1-A: Hillside 140 drainage.
HSTA-1-B: Bailey Canyon drainage.
HSTA-1-C: Hillside 137 drainage?
HSTA-1-138: Hillside 138 drainage.

Table 8 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Metals.

STATION ID	Date	Time		Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Hg (mg/L)	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
ANCHO CANYON																												
AN-0.01	03/19/97	12:05	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002(T)	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005(T)	36	<0.01	0.06	<0.01	0.01	<0.02
FRIJOLES CANYON																												
FRIJOLES @ RIO GRANDE	09/30/97	12:05	F	<0.005	<0.1	<0.005	NA	0.017	<0.001	<0.001	<0.005	<0.005	<0.005	0.08	<0.0002(T)	NA	<0.005	NA	<0.005	<0.003	<0.01	<0.005(T)	NA	NA	NA	<0.01	<0.005	<0.02
FR-7.6	02/21/97	11:15	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002(T)	0.02	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005(T)	31	0.01	0.05	<0.01	<0.01	<0.02
GUAJE CANYON																												
GC-5.7	02/26/97	14:25	F	<0.01	0.3	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.2	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	26	<0.02	0.04	<0.01	<0.01	<0.02
	02/26/97	14:25	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
GC-11.3	02/26/97	11:00	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	NA	0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	25	<0.02	0.03	<0.01	<0.01	<0.02
	02/26/97	11:00	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
LOS ALAMOS CANYON & TRIBUTARIES																												
ACID WEIR	06/02/97	10:57	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DP-0.01 (ES STA. DPS-4)	06/26/96	22:14-22:39*	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/18/96	15:19	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HILLSIDES																												
HSTA-1-A	07/19/97	15:26	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HSTA-1-B	07/19/97	15:12	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HSTA-1-C	07/19/97	14:58	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HSTA-1-138	07/19/97	15:04	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LA-5.3	06/13/96	21:36	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/25/97	9:25	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	08/18/97	15:00	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LA-6.6	08/18/96	14:27	F	NA	NA	NA	NA	<0.1	<0.005	NA	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
	08/18/96	14:27	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/04/97	11:15	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/18/97	15:15	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LA-10.7	03/26/97	10:00	F	NA	0.3	<0.01	<0.1	<0.1	<0.005	NA	<0.01	NA	NA	NA	<0.0002(T)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LA-12.5	02/25/97	10:47	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	0.006	20	<0.02	0.04	<0.01	<0.01	<0.02
	02/25/97	10:47	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
(DUPLICATE)	02/25/97	10:47	F	<0.01	0.3	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.1	<0.0002	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	21	<0.02	0.05	<0.01	<0.01	<0.02
PUEBLO 1	06/02/97	9:45	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MORTANDAD CANYON & TRIBUTARIES																												
CDB-2.01	07/17/96	14:41	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MORTANDAD @ GS-1	06/03/97	9:00	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCDB-0.5	10/04/96	8:30	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
::																												
PAJARITO CANYON & TRIBUTARIES																												
MDA-M	08/21/97	13:45	F	NA	NA	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	NA	0.0011(T)	NA	NA	NA	NA	<0.003	NA	<0.005	NA	NA	NA	NA	<0.01	<0.02
PA-0.01	03/27/97	11:20	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002(T)	0.03	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005(T)	34	<0.01	0.12	<0.01	0.01	<0.02
PA-8.9	02/07/97	14:00	F	<0.01	0.6	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.3	<0.0002(T)	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005(T)	19	<0.02	0.12	<0.01	<0.01	<0.02
PA-10.4	03/27/97	11:00	F	NA	0.9	<0.01	<0.1	0.2	<0.005	NA	<0.01	NA	NA	NA	0.0007(T)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/01/97	9:40	F	NA	<0.2	<0.01	<0.1	<0.1	<0.005	NA	<0.01	NA	NA	0.1	<0.0002	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	0.06	NA	NA	<0.02
	05/01/97	9:40	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
PA-10.8	02/24/97	11:30	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	18	<0.02	0.06	<0.01	<0.01	<0.02
	02/24/97	11:30	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
RIO GRANDE (WHITE ROCK CANYON)																												
RIO GRANDE @ FRIJOLES CANYON																												
SAMPLED AT 11 & 12 FT FROM BANK (RFR-11/12)	05/27/97	14:59	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.005	<0.01	<0.01	0.2	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	8	<0.02	0.21	<0.01	<0.01	0.02
	05/27/97	14:59	T	NA	NA	<0.01	<0.1	<0.1	<0.005	NA	<0.01	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
(DUPLICATE)	05/27/97	14:59	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SAMPLED @ BANK	07/09/97	8:25	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RIO GRANDE @ OTOWI BRIDGE																												
SAMPLED AT 11 & 12 FT FROM BANK (RO-11/12)	05/27/97	10:32	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.1	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	0.005	8	<0.02	0.21	<0.01	<0.01	<0.02
	05/27/97	10:32	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
SANDIA CANYON																												
SA-3.48	10/04/96	7:35	F	NA	NA	NA	NA	0.3	<0.005	NA	<0.01	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/96	7:40	F	NA	NA	NA	NA	0.2	<0.005	NA	<0.01	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/96	7:45	F	NA	NA	NA	NA	0.2	<0.005	NA	<0.01	NA	<0.01	NA	NA	NA	NA	NA	NA	<0.003	NA	NA	NA	NA	NA	NA	NA	NA
	10/04/96	7:50	F	NA	NA	NA	NA	0.2	<0.005	NA	<0.01	NA	<0.01	NA	<0.0002(T)	NA	NA	NA	NA	0.075(T)	NA	NA	NA	NA	NA	NA	NA	NA
	08/05/97	14:40	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SCS-3	06/03/97	10:40	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SANTA CLARA CANYON																												
SCC-1	11/13/97		F	<0.005	<0.1	<0.005	<0.05	0.029	<0.001	<0.001	<0.005	<0.005	<0.005	<0.05	<0.0002	<0.05	<0.005	<0.005	<0.005	<0.003	<0.01	<0.005	22	<0.01	0.04	<0.01	<0.005	<0.02
SCC-2	11/13/97		F	<0.005	<0.1	<0.005	<0.05	0.005	<0.001	<0.001	<0.005	<0.005	<0.005	0.12	<0.0002	<0.05	<0.005	<0.005	<0.005	<0.003	<0.01	<0.005	21	<0.01	0.03	<0.01	<0.005	<0.02
SCC-3	11/13/97		F	<0.005	<0.1	<0.005	<0.05	0.004	<0.001	<0.001	<0.005	<0.005	<0.005	0.09	<0.0002	<0.05	<0.005	<0.005	<0.005	<0.003	<0.01	<0.005	22	<0.01	0.02	<0.01	<0.005	<0.02
SCC-4	11/13/97		F	<0.005	<0.1	0.005	<0.05	0.003	<0.001	<0.001	<0.005	<0.005	<0.005	<0.05	<0.0002	<0.05	<0.005	<0.005	<0.005	<0.003	<0.01	<0.005	20	<0.01	0.01	<0.01	<0.005	<0.02
WATER CANYON & TRIBUTARIES																												
DTC-0.06	04/21/97	10:25	F	NA	NA	NA	0.2	0.2	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VA-2.7	02/07/97	10:35	F	<0.01	<0.2	<0.01	<0.1	2.2	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	<0.0002(T)	<0.01	0.09	<0.01	<0.02	<0.003	<0.02	<0.005(T)	21	<0.02	0.13	<0.01	<0.01	<0.02
VA-5.2	02/24/97	14:35	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	<0.1	NA	<0.01	<0.01	<0.01	<0.02	<0.003	0.03	0.005	14	<0.02	0.05	<0.01	<0.01	<0.02
	02/24/97	14:35	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
WCT-0.1	02/21/97	14:25	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01	<0.01	<0.01	0.1	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	0.006	20	<0.02	0.05	<0.01	<0.01	<0.02
	02/21/97	14:25	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
WC-6.3	04/21/97	11:15	F	<0.01	0.6	<0.01	<0.1	0.2	<0.005	<0.005	<0.01	<0.01	<0.01	0.2	NA	<0.01	<0.01	<0.01	<0.02	<0.003	<0.02	<0.005	18	<0.02	0.07	<0.01	<0.01	<0.02
	04/21/97	11:15	T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA

^ - Duplicate precision not within control limits

< - symbol indicates that the constituent was not detected above method detection limits

NA - Not analyzed or applicable

** - Dissolved metals filtered through 0.7 um filter instead of 0.45 um filter.

T - Totals (Non-filtered sample acidified prior to analysis).

F - Dissolved (filtered fraction < 0.45 micron).

* - Composite samples collected during times shown

HILLSIDES

HSTA-1-A: Hillside 140 drainage.

HSTA-1-B: Bailey Canyon drainage.

HSTA-1-C: Hillside 137 drainage?

HSTA-1-138: Hillside 138 drainage.

Table 9 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Radionuclides.

STATION ID	Date	Time		H3 (pCi/L)	unc	90Sr (pCi/L)	unc	137Cs (pCi/L)	unc	22Na (pCi/L)	unc	U (ug/L)	unc	234U (pCi/L)	235U (pCi/L)	238U (pCi/L)	238Pu (pCi/L)	unc	239/240Pu (pCi/L)	unc	241Am (pCi/L)	unc	237Np (pCi/L)	unc	Gross Alpha (pCi/L)	unc	Gross Beta (pCi/L)	unc
ANCHO CANYON																												
AN-0.01	03/19/97	12:05	F	NA	-	<0.66	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.2	BDL	2.4	1.2
FRIJOLES CANYON																												
FRIJOLES @ RIO GRANDE	09/30/97	12:05	T	NA	-	1.00	0.58	NA	-	NA	-	NA	-	0.09	0.05	0.03	0.01	0.03	0.02	0.04	0.03	0.09	NA	-	0.36	0.35	1.59	0.46
FR-7.6	02/21/97	11:15	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	<1.9	BDL
GUAJE CANYON																												
GC-5.7	02/26/97	14:25	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<0.86	BDL	2.6	1.2
GC-11.3	02/26/97	11:00	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.0	BDL	6.1	1.4
LOS ALAMOS CANYON & TRIBUTARIES																												
ACID WEIR	06/02/97	10:57	T	NA	-	9.2	1.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<3.0	BDL	22.2	4.2
DP-0.01 (ES STA. DPS-4)	06/26/96	22:14-22:39*	T	NA	-	25.8	3.1	<5.99	BDL	<5.81	BDL	1.04	0.14	NA	NA	NA	0.01	0.01	0.03	0.02	<65.5	BDL	NA	-	NA	-	NA	-
	07/09/96	11:35	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	4.02	0.93	67.4	7.0
	07/17/96	15:40	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	3.24	0.73	40.3	4.2
	08/18/96	14:04	F	NA	-	14.7	2.7	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	3.7	1.8	56.8	6.3
	08/18/96	14:19	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	3.7	1.6	39.3	4.4
	08/18/96	14:34	F	NA	-	11.9	2.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	3.9	1.3	41.6	4.7
	08/18/96	14:49	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	3.0	1.2	41.7	4.6
	08/18/96	15:04	F	NA	-	12.6	2.3	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.96	0.91	41.2	4.5
	08/18/96	15:19	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	2.8	1.0	40.2	4.5
	06/10/97	10:00	T	NA	-	34.2	3.6	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	09/22/97	10:15	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.13	0.35	54.58	1.18
DP-0.89 (ES STA. DPS-1)	07/09/96	10:36	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.02	0.52	22.8	2.5
HILLSIDES																												
HSTA-1-A	07/19/97	15:26	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.5	BDL	<3.1	BDL
HSTA-1-B	07/19/97	15:12	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.6	BDL	<3.0	BDL
HSTA-1-C	07/19/97	14:58	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.4	BDL	<3.2	BDL
HSTA-1-138	07/19/97	15:04	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	0.000	0.032	0.010	0.026	NA	-	NA	-	<1.5	BDL	<3.3	BDL
LA-5.3	06/13/96	21:36	F	NA	-	6.1	1.3	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	6.5	1.4	27.9	3.1
	04/25/97	9:25	F	NA	-	3.96	0.75	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	09/22/97	9:40	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.66	0.48	16.56	0.80
LA-5.9	09/22/97	9:55	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	1.19	0.43	18.08	0.90
LA-6.6	08/18/96	14:27	F	NA	-	0.69	0.26	NA	-	NA	-	<1.00	BDL	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	2.00	0.93	9.1	1.3
	08/18/96	14:27	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	9.9	1.8	24.7	2.8
	04/25/97	9:50	F	NA	-	0.60	0.35	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	09/22/97	10:05	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.72	0.42	5.37	0.56
LA-8.0	09/22/97	10:30	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.54	0.43	4.50	0.65
LA-8.4	09/22/97	11:05	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.18	0.35	2.82	0.46
LA-12.5	02/25/97	10:47	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.0	BDL	<2.0	BDL
PUEBLO 1	06/02/97	9:45	T	NA	-	<0.53	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<0.94	BDL	4.1	1.1
MORTANDAD CANYON & TRIBUTARIES																												
CDB-2.01	07/17/96	14:25	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	4.9	1.1	9.2	1.3
MORTANDAD @ GS-1	06/03/97	9:00	T	NA	-	8.1	1.2	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	19.3	2.4	62.5	6.5
PRT-0.01	09/22/97	11:30	T	NA	-	408.57	6.27	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.35	0.47	995.80	5.96
TA-50 OUTFALL	10/29/97	12:00	T	NA	-	197.72	4.34	106.00	14.90	47.15	16.35	NA	-	NA	<6.78	NA	11.39	0.94	4.58	0.46	<4.30	BDL	NA	-	92.66	7.14	626.92	9.34
TCDB-0.5	10/04/96	8:30	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<5.2	BDL	<13	BDL
PAJARITO CANYON																												
PA-0.01	03/27/97	11:20	F	NA	-	<0.43	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.8	BDL	<2.5	BDL
PA-8.9	02/07/97	14:00	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.7	BDL	4.0	2.2
PA-10.8	02/24/97	11:30	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<0.67	BDL	1.64	0.88
RIO GRANDE (WHITE ROCK CANYON)																												
RIO GRANDE @ FRIJOLES CANYON																												
SAMPLED AT 11 & 12 FT FROM BANK (RFR-11/12)	05/27/97	14:59	F	NA	-	0.31	0.19	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.2	BDL	<1.5	BDL
RIO GRANDE @ OTOWI BRIDGE																												
SAMPLED AT 11 & 12 FT FROM BANK (RO-11/12)	05/27/97	10:32	F	NA	-	<0.28	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.6	BDL	<2.8	BDL
SANDIA CANYON																												
SA-3.48	10/04/96	7:35	F	NA	-	NA	-	NA	-	NA	-	28.9	3.9	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<3.7	BDL	<10	BDL
	10/04/96	7:40	F	NA	-	NA	-	NA	-	NA	-	27.1	3.7	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<5.9	BDL	<15	BDL
	10/04/96	7:45	F	NA	-	NA	-	NA	-	NA	-	15.1	2.0	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<4.7	BDL	13.3	4.3
	10/04/96	7:50	F	NA	-	NA	-	NA	-	NA	-	13.1	1.8	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<5.2	BDL	<13	BDL
	08/05/97	14:40	F	NA	-	NA	-	NA	-	NA	-	1.03	0.14	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SCS-3	06/03/97	10:40	T	NA	-	<0.57	BDL	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<2.2	BDL	5.1	1.7
SANTA CLARA CANYON																												
SCC-1	11/13/97		F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.23	0.48	1.40	0.57
SCC-2	11/13/97		F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.05	0.30	0.59	0.51
SCC-3	11/13/97		F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.77	0.27	2.22	0.48
SCC-4	11/13/97		F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	0.11	0.24	0.66	0.48
WATER CANYON & TRIBUTARIES																												
DTC-0.06	04/21/97	10:25	F	NA	-	NA	-	NA	-	NA	-	NA	-	0.20	<0.09	0.20	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
VA-2.7	02/07/97	10:35	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.8	BDL	3.4	2.0
VA-5.2	02/24/97	14:35	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<0.58	BDL	<1.5	BDL
WCT-0.1	02/21/97	14:25	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	NA	NA	NA	-	NA	-	NA	-	NA	-	<1.1	BDL	<1.7	BDL
WC-6.3	04/21/97	11:15	F	NA	-	NA	-	NA	-	NA	-	NA	-	0.08	<0.3	<0.3	NA	-	NA	-	NA	-	NA	-	<2.3	BDL	<3.7	BDL

T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
* - Composite samples collected during times shown

HILLSIDES

HSTA-1-A: Hillside 140 drainage.
HSTA-1-B: Bailey Canyon drainage.
HSTA-1-C: Hillside 137 drainage?
HSTA-1-138: Hillside 138 drainage.

Table 10 - NMED DOE Oversight Bureau Surface-Water Quality Results: High-Explosive Compounds.

SAMPLE ID:	AN-0.01		DTC-0.06		PA-8.9		VA-2.7		WC-6.3	
SAMPLING DATE-TIME:	##########	12:05	##########	10:25	##########	14:00	2/7/97	10:35	##########	11:15
	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL
2-AMINO-4,6-DNT	ND	0.25	ND	0.25	ND	0.25	2.0	0.25	ND	0.25
4-AMINO-2,6-DNT	ND	0.25	ND	0.25	ND	0.25	2.1	0.25	ND	0.25
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	ND	1.0	ND	1.0	ND	1.0	8.2	1.0	ND	1.0
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	0.84	ND	0.84	ND	0.84	30	0.84	ND	0.84
1,3,5-TRINITROBENZENE (1,3,5-TNB)	NA	-	NA	-	ND	0.26	ND	0.26	NA	-
1,3-DINITROBENZENE (1,3-DNB)	NA	-	NA	-	ND	0.25	ND	0.25	NA	-
TETRYL	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
NITROBENZENE (NB)	NA	-	NA	-	ND	1.0	ND	1.0	NA	-
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
2,4-DINITROTOLUENE(2,4-DNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
2,6-DINITROTOLUENE(2,6-DNT)	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
o-NITROTOLUENE (2-NT)	NA	-	NA	-	ND	1.0	ND	1.0	NA	-
p-NITROTOLUENE (4-NT)	NA	-	NA	-	ND	1.0	ND	1.0	NA	-
m-NITROTOLUENE (3-NT)	NA	-	NA	-	ND	1.0	ND	1.0	NA	-

*** - Modified Method 8330**

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

Table 11 - NMED DOE Oversight Bureau Surface-Water Quality Results: Volatile Organic Compounds.

SAMPLE ID:	PA-8.9		VA-2.7	
SAMPLING DATE-TIME:	##########	14:00	##########	11:15
UNITS	ug/L	DL	ug/L	DL
PARAMETER				
ACETONE	ND	10	3JB	10
BENZENE	ND	5	ND	5
BROMOBENZENE	NA	-	NA	-
BROMOCHLOROMETHANE	NA	-	NA	-
BROMODICHLOROMETHANE	ND	5	ND	5
BROMOFORM	ND	5	ND	5
BROMOMETHANE	ND	10	ND	10
2-BUTANONE (MEK)	ND	10	ND	10
n-BUTYLBENZENE	NA	-	NA	-
sec-BUTYLBENZENE	NA	-	NA	-
tert-BUTYLBENZENE	NA	-	NA	-
tert-BUTYL METHYL ETHER (MTBE)	NA	-	NA	-
CARBON DISULFIDE	ND	5	ND	5
CARBON TETRACHLORIDE	ND	5	ND	5
CHLOROBENZENE	ND	5	ND	5
CHLOROETHANE	ND	10	ND	10
CHLOROFORM	ND	5	ND	5
CHLOROMETHANE	ND	10	ND	10
2-CHLOROTOLUENE	NA	-	NA	-
4-CHLOROTOLUENE	NA	-	NA	-
1,2-DIBROMO-3-CHLOROPROPANE	ND	5	ND	5
DIBROMOCHLOROMETHANE	ND	5	ND	5
1,2-DIBROMOETHANE (EDB)	ND	5	ND	5
DIBROMOMETHANE	NA	-	NA	-
1,2-DICHLOROBENZENE	NA	-	NA	-
1,3-DICHLOROBENZENE	NA	-	NA	-
1,4-DICHLOROBENZENE	NA	-	NA	-
DICHLORODIFLUOROMETHANE	ND	5	ND	5
1,1-DICHLOROETHANE	ND	5	ND	5
1,2-DICHLOROETHANE (EDC)	ND	5	ND	5
1,1-DICHLOROETHENE	ND	5	ND	5
CIS--1,2-DICHLOROETHENE	NA	-	NA	-
TRANS--1,2-DICHLOROETHENE	ND	5	ND	5
1,2-DICHLOROPROPANE	ND	5	ND	5
CIS--1,3-DICHLOROPROPENE	ND	5	ND	5
2,2-DICHLOROPROPANE	NA	-	NA	-
2,2-DICHLOROPROPENE	NA	-	NA	-

SAMPLE ID:	PA-8.9		VA-2.7	
SAMPLING DATE-TIME:	##########	14:00	##########	11:15
UNITS	ug/L	DL	ug/L	DL
PARAMETER				
TRANS--1,3-DICHLOROPROPENE	ND	5	ND	5
ETHYLBENZENE	ND	5	ND	5
2-HEXANONE	ND	10	ND	10
HEXACHLOROBUTADIENE	NA	-	NA	-
IODOMETHANE	ND	5	ND	5
ISOPROPYLBENZENE	NA	-	NA	-
METHYL-t-BUTYL ETHER	NA	-	NA	-
4-METHYL-2-BUTANONE	ND	10	ND	10
4-METHYL-2-PENTANONE	NA	-	NA	-
1-METHYLNAPHTHALENE	NA	-	NA	-
2-METHYLNAPHTHALENE	NA	-	NA	-
4-ISOPROPYLTOLUENE	NA	-	NA	-
METHYLENE CHLORIDE	ND	5	ND	5
NAPHTHALENE	NA	-	NA	-
PROPYLBENZENE	NA	-	NA	-
STYRENE	ND	5	ND	5
1,1,1,2-TETRACHLOROETHANE	ND	5	ND	5
1,1,2,2-TETRACHLOROETHANE	ND	5	ND	5
TETRACHLOROETHENE	ND	5	ND	5
TETRAHYDROFURAN (THF)	NA	-	NA	-
TOLUENE	ND	5	ND	5
1,2,3-TRICHLOROBENZENE	NA	-	NA	-
1,2,4-TRICHLOROBENZENE	NA	-	NA	-
1,1,1-TRICHLOROETHANE	ND	5	ND	5
1,1,2-TRICHLOROETHANE	ND	5	ND	5
TRICHLOROETHENE	ND	5	ND	5
TRICHLOROFLUOROMETHANE	ND	5	ND	5
1,2,3-TRICHLOROPROPANE	ND	5	ND	5
1,1,2-TRICHLORO-2,2,1-TRIFLUOROETHANE	NA	-	NA	-
1,2,4-TRIMETHYLBENZENE	NA	-	NA	-
1,3,5-TRIMETHYLBENZENE	NA	-	NA	-
VINYL ACETATE	ND	5	ND	5
VINYL CHLORIDE	ND	10	ND	10
o-XYLENE	ND	5	ND	5
p- & m-XYLENE	ND	5	ND	5
TOTAL XYLENES	ND	5	ND	5

B - Indicates analyte found in blank

J - Indicates an estimated value , analyte found below dection limit

NA - Not analyzed

ND - Not detected

Table 12 - NMED DOE Oversight Bureau Surface-Water Quality Results: PCB/Aroclors.

STATION ID	Date	Time		AROCLOR 1016 ug/L	DL	1221 ug/L	DL	1232 ug/L	DL	1242 ug/L	DL	1248 ug/L	DL	1254 ug/L	DL	1260 ug/L	DL
Los Alamos Canyon																	
DP-0.01	**08/18/96**	**15:19**	2	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
LA-6.6	**08/18/96**	**14:27**	2	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Mortandad Canyon																	
CDB-2.01	**07/17/96**	**14:35**		ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Sandia Canyon																	
SA-3.48	**10/04/96**	**7:35**		ND	1.0	ND	2.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
	10/04/96	**7:40**		ND	1.0	ND	2.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
	10/04/96	**7:45**		ND	1.0	ND	2.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
	10/04/96	**7:51**		ND	1.0	ND	2.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
SA-7.0	**08/05/97**	**14:50**		ND	1.0	ND	2.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
SA-8.7	**6/29/96**	**19:19**	1 2	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50

ıple not recieved at contract laboratory at 4 degress celsius

2 - Sample was extracted beyond the PCB holding time requirements

ND - Not detected

Table 14 - NMED DOE Oversight Bureau Suspended-Sediment Analytical Results: Radionuclides.

STATION ID	Date	Time	90Sr (pCi/g)	unc	137Cs (pCi/g)	unc	241Am (pCi/g)	unc	U (ug/g)	unc	234U (pCi/g)	unc	235U (pCi/g)	unc	238U (pCi/g)	unc	238Pu (pCi/g)	unc	239/240Pu (pCi/g)	unc	Gross Alpha (pCi/g)	unc	Gross Beta (pCi/g)	unc
LOS ALAMOS CANYON & TRIBUTARIES																								
DP-0.01	07/17/96	15:40-15:55*	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	5.76	0.72	12.4	1.4
	08/18/96	14:04	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	8.5	1.4	11.6	1.7
	08/18/96	14:19	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	5.6	1.1	12.3	1.8
	08/18/96	14:34	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	8.0	1.4	16.4	2.3
	08/18/96	14:49	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	8.3	1.4	12.7	1.9
	08/18/96	15:04	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	8.2	1.4	15.5	2.2
	08/18/96	15:19	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	8.5	1.4	10.7	1.7
Hillsides																								
HSTA-1-A	07/19/97	15:26	NA	-	NA	-	NA	-	NA	-	13.8	1.8	0.52	0.15	14.1	1.8	NA	-	NA	-	NA	-	NA	-
HSTA-1-B	07/19/97	15:12	NA	-	NA	-	NA	-	NA	-	1.73	0.26	0.082	0.039	1.59	0.25	0.005	0.014	1.61	0.23	NA	-	NA	-
HSTA-1-C	07/19/97	14:58	NA	-	NA	-	NA	-	NA	-	1.60	0.24	0.096	0.041	1.67	0.25	0.074	0.029	15.0	1.8	NA	-	NA	-
HSTA-1-138	07/19/97	15:04	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	0.017	0.019	0.317	0.068	NA	-	NA	-
LA-5.3	06/13/96	21:21-21:26* 21:31-21:36*	NA	-	3.93	0.295	1.080	0.015	2.75	0.37	NA	-	NA	-	NA	-	NA	-	NA	-	5.33	0.65	8.60	0.97
LA-6.6	08/18/96	14:27	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	11.3	1.9	11.8	2.0
MORTANDAD CANYON & TRIBUTARIES																								
CDB-2.01	07/17/96	14:25-14:41*	NA	-	NA	-	NA	-	2.89	0.39	NA	-	NA	-	NA	-	NA	-	NA	-	5.26	0.69	5.19	0.68
RIO GRANDE (WHITE ROCK CANYON)																								
RIO GRANDE @ FRIJOLES CANYON																								
COMPOSITE OF 1 TO 12 FT FROM BANK (RFR-1/12)	05/27/97	14:50-14:59*	8.8	1.6	NA	-	0.025	0.022	NA	-	1.12	0.18	0.065	0.032	1.15	0.19	<0.04	BDL	<0.02	BDL	NA	-	NA	-
RIO GRANDE @ OTOWI BRIDGE																								
COMPOSITE OF 1 TO 12 FT FROM BANK (RO-1/12)	05/27/97	10:20-10:32*	6.5	1.2	NA	-	0.012	0.032	NA	-	1.35	0.25	0.051	0.039	1.48	0.27	-0.017	0.026	0.014	0.026	NA	-	NA	-
SANDIA CANYON																								
SA-3.48	10/04/96	7:35	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	7.8	1.1	8.4	1.1
	10/04/96	7:40	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	11.0	1.6	12.3	1.6
	10/04/96	7:45	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	10.2	1.5	12.0	1.7
	10/04/96	7:50	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	11.8	1.7	13.6	1.9

< - Symbol indicates that the constituent was not detected above method detection limits
* - Composite samples collected during times shown
NA - Not analyzed

HILLSIDES

HSTA-1-A: Hillside 140 drainage.
HSTA-1-B: Bailey Canyon drainage.
HSTA-1-C: Hillside 137 drainage?
HSTA-1-138: Hillside 138 drainage.

Table 13 - NMED DOE Oversight Bureau Suspended-Sediment Analytical Results: Metals.

STATION ID	Date	Time	METALS Ba (mg/kg)	Be (mg/kg)	Cr (mg/kg)	Cu (mg/kg)	Hg (mg/kg)	Pb (mg/kg)
CDB-2.01	7/17/96	14:25-14:41*	160	1.2	8	9	<0.1	13
LA-5.3	6/13/96	21:21-21:26* 21:31-21:36*	50^	0.5	4	8^	<0.1	21^
MDA-M	###########	13:57-13:58	NA	NA	NA	NA	NA	37

* - Duplicate precision not within control limits
< - Symbol indicates that the constituent was not detected above method detection limits

* - Composite samples collected during times shown
NA - Not analyzed

Table 1 Metals in Water 1992 - 1993

STATION		DATE	TIME	Filtered / Dissolved	Al (ug/L)	Ba (ug/L)	Be (ug/L)	B (ug/L)	Ca (ug/L)	Co (ug/L)	Cu (ug/L)	Fe (ug/L)	Mg (ug/L)	Mn (ug/L)	Mo (ug/L)	Ni (ug/L)	Si (ug/L)	Ag (ug/L)	Sr (ug/L)	Sn (ug/L)	V (ug/L)	Zn (ug/L)	U (ug/L)	As (ug/L)	Cd (ug/L)	Cr (ug/L)	Pb (ug/L)	Hg (ug/L)	Se (ug/L)
Los Alamos Canyon Watershed																													
LA 5.3	Los Alamos Canyon below drainage from TA-53	07-May-92	14:14	F	1000	100Q	100K	100K	10000	5KQ	50K	400	2700	50K	100K	100K	19000	1K	100K	100K	100K	100K	5K	5KQ	1KQ	5KQ	5K	.5K	5KQ
LA 5.3		07-May-92	14:14	T	3000	100K	100K	100K	10000	5K	50K	1200	2700	50K	100K	100K	2700	1K	100K	100K	100K	100K	5K	5K	1K	5K	5K	.5K	5K
LA 12.2	Los Alamos Canyon below Reservoir	6-May-1992	8:51	F	1700Q	100KQ	100KQ	100KQ	6200Q	5KQ	50KQ	600Q	2100Q	50KQ	100KQ	100KQ	16000Q	1KQ	100KQ	100KQ	100KQ	100KQ	5KQ	5KQ	1KQ	15KQ	5KQ	.5KQ	5KQ
LA 12.2		6-May-1992	8:51	T	3000	100K	100K	100K	64000	5K	50K	1100	2100	50K	100K	100	2600	1K	100K	100K	100K	100K	5K	5K	1K	25	5K	.5K	5K
LA 12.2		3-Sep-1992	10:15	T	3200	100K	100K	100K	8100	50K	50K	1200	2800	50K	100K	100K	1300	100K	100K	100K	100K	50K		5K	1K	5K	5K	.5K	5K
LA 8.4	Los Alamos Canyon near TA-2	17-Feb-1992	12:57	T	100KQ	100Q	100KQ	100KQ	51000Q	50KQ	100KQ	100KQ	11000Q	50KQ	100KQ	100KQ	16000Q	100KQ	360Q	100KQ	100KQ	100KQ		1K	1K	1K	1K	.5K	5K
PU 6.6	South Fork Pueblo @ Diamond Drive	30-Apr-1992	11:45	F	5400Q	100KQ	100KQ	100KQ	11000Q	50KQ	50KQ	3600Q	3500Q	50KQ	100KQ	100KQ	500Q	100KQ	100Q	100KQ	100KQ	60Q		5KQ	1KQ	5KQ	7Q	.5K	5KQ
PU 6.6		30-Apr-1992	11:45	T	1200Q	100KQ	100KQ	100KQ	11000Q	50KQ	50KQ	7400Q	4000Q	50KQ	100KQ	100KQ	1600Q	100KQ	100Q	100KQ	100KQ	50KQ		5KQ	1KQ	12Q	13Q	.5K	5KQ
LA 6.6	Los Alamos Canyon above junction with DP Canyon	3-Sep-1992	11:00	T	2500	100K	100K	100K	14000	50K	50K	1300	3400	50K	100K	100K	800	100K	100K	100K	100K	50K		5K	1K	8	5K	.5K	5K
LA 6.6		30-Aug-1992	9:00	T	69000	600	100K	100K	27000	50K	70	59000	11000	1700	100K	100K	1700	100K	200	100K	100K	380		7	1	63	190	1	5K
LA 4.1	Los Alamos Canyon @ SR 4	3-Aug-1992	17:40	T	300000	2800	100K	100	84000	90	320	273000	4600	9180	100K	200	2500	100K	700	100K	300	260		13	1K	330	1080	2.80	5K
DP 0.1	DP Canyon above confluence with Los Alamos Canyon	13-Aug-1992	22:50	T	6600	100K	100K	100K	11000	50K	50K	4400	1600	100	100K	100K	700	100K	100K	100K	100K	50K		5K	1K	8	17	.5K	5K
DP 0.1		13-Aug-1992	23:00	T	7000	100K	100K	100K	12000	50K	50K	4600	1700	140	100K	100K	1200	100K	100K	100K	100K	60K		5K	1K	9	19	.5K	5K
DP 0.1		6-Aug-1992	18:24	T	17000	300	100K	100K	22000	50K	50K	15000	3900	890	100K	100K	900	100K	100	100K	100K	200		5K	1K	5K	86	.5K	5K
DP 0.1		6-Aug-1992	18:40	T	9600	100	100K	100K	20000	50K	50K	6900	2700	230	100K	100K	700	100K	100	100K	100	70		5K	1K	7	30	.5K	5K
DP 0.1		7-Aug-1992	21:15	T	85000	2100	100K	100K	69000	100	120	110000	20000	15000	1000K	100	600	100K	500	100K	200	1700		8	8	130	1500	.5K	5K
DP 0.1		7-Aug-1992	21:14	T	3200	100K	100K	100K	17000	50K	50K	2100	1800	50K	100K	100K	1000	100K	100K	100K	100K	50K		5K	1K	5K	8	.5K	5K
DP 0.1		13-Aug-1992	18:30	T	9100	100K	100K	100K	12000	50K	50K	6300	2000	170	100K	100K	800	100K	100K	100K	100K	60		5K	1K	16	25	.5K	5K
DP 0.1		13-Aug-1992	22:30	T	4700	100K	100K	100K	11000	50K	50K	2900	1400	50K	100K	100K	900	100K	100K	100K	100K	50K		5K	1K	6	11	.5K	5K
DP 0.1		15-Jul-2002	15:31	T	84000	900	100K	100K	43000	50K	110Q	82000	14000	3300	100K	100K	1100	100K	300	100K	100	940		9	4Q	68	400Q	.5KQ	5K
Pajarito Canyon Watershed																													
PA 4.4	Pajarito Canyon below culvert at TA-18	6-May-1992	14:30	F	100KQ	100KQ	100KQ	100KQ	21000Q	5KQ	50KQ	100KQ	5600Q	50KQ	100KQ	100KQ	12000Q	1KQ	100KQ	100KQ	100KQ	100KQ	5KQ	5KQ	1KQ	5KQ	5KQ	.5KQ	5KQ
PA 4.4		6-May-1992	14:30	T	100K	100K	100K	100K	16000	5K	50K	100	5000	50K	100K	100K	1600	1K	100	100K	100K	100K	5K	5K	1K	5K	6	.5K	5K
PA 4.4 (replicate)		6-May-1992	14:49	T	100Q	100KQ	100KQ	100KQ	14000Q	50KQ	100KQ	100KQ	4700Q	50KQ	100KQ	100KQ	1700Q	100KQ	100Q	100KQ	100KQ	100KQ		5KQ	1KQ	5KQ	5KQ	.5KQ	
PA 10.4	Pajarito Canyon upstream from SR 501	6-May-1992	9:44	F	1600Q	100KQ	100KQ	100KQ	6200Q	5KQ	50KQ	500Q	2400Q	50KQ	100KQ	100KQ	18000Q	1KQ	100KQ	100KQ	100KQ	100KQ	5KQ	5KQ	1KQ	7KQ	5KQ	.5KQ	5KQ
PA 10.4		6-May-1992	9:44	T	2600	100K	100K	100K	6300	5K	50K	900	2400	50K	100K	100	2500	1K	100K	100K	100K	100K	5K	5K	1K	5K	5K	.5K	5K
PA 4.4	Pajarito Canyon below culvert at TA-18	10-Sep-1992	13:35	T	300	100K	100K	100K	23000	50K	50K	200	100K	6100	100K	100K	400	100K	200	100K	100K	50K		5K	1K	5K	5K	.5K	5K
Water Canyon Watershed																													
WA 9.9	Water Canyon @ SR 501	6-May-1992	12:38	F	4400Q	100KQ	100KQ	100KQ	10000Q	5KQ	50KQ	1900Q	4300Q	50KQ	100KQ	100KQ	500Q	1K	100KQ	100KQ	100KQ	100KQ	5K	5KQ	1KQ	5KQ	5KQ	.5K	5K
WA 9.9		6-May-1992	12:38	T	6400	100K	100K	100K	11000	5K	50K	2600	4000	50K	100K	200	3300	1K	100K	100K	100K	100K	5K	5K	1K	5K	5K	.5K	5K
WA 9.9		30-Apr-1992	10:24	F	3200Q	100KQ	100KQ	100KQ	10000Q	50KQ	50KQ	1600Q	3800Q	50KQ	100KQ	100KQ	500Q	100KQ	100Q	100KQ	100KQ	50KQ		5KQ	1KQ	5KQ	5KQ	.5K	5KQ
WA 9.9		30-Apr-1992	10:24	T	4800Q	100KQ	100KQ	100KQ	11000Q	50KQ	50KQ	2400Q	4000Q	50KQ	100KQ	100KQ	200Q	100KQ	100Q	100KQ	100KQ	50KQ		5KQ	1KQ	5KQ	5KQ	.5K	5KQ
VA 3.2	Canyon de Valle @ SR 501	6-May-1992	10:43	F	1300Q	100KQ	100KQ	100KQ	5600Q	5KQ	50KQ	500Q	1700Q	50KQ	100KQ	100KQ	15000Q	1KQ	100KQ	100KQ	100KQ	100KQ	5K	5KQ	1KQ	18KQ	5KQ	.5K	5KQ
VA 3.2		6-May-1992	10:43	T	1500	100K	100K	100K	5300	5K	50K	500	1600	50K	100K	200	2600	1K	100K	100K	100K	100K	5K	5K	1K	5K	5K	.5K	5K
VA 3.2		30-Apr-1992	11:05	F	1800Q	100KQ	100KQ	100KQ	4900Q	50KQ	50KQ	700Q	1500Q	50KQ	100KQ	100KQ	1400Q	100KQ	100KQ	100KQ	100KQ	50KQ		5KQ	1KQ	5KQ	5KQ	.5K	5KQ
VA 3.2		30-Apr-1992	11:05	T	2500Q	100KQ	100KQ	100KQ	5000Q	50KQ	50KQ	1000Q	1600Q	50KQ	100KQ	100KQ	1300Q	100KQ	100KQ	100KQ	100KQ	50KQ		5KQ	1KQ	5KQ	5KQ	.5K	5KQ
VA 0.1	Canyon de Valle upstream from jct. With Water Canyon	05-May-92	12:53	F	3300Q	100K	100KQ	100KQ	10000Q	10K	50K	1600Q	3100Q	50KQ	100KQ	100KQ	24000Q	1K	100KQ	100KQ	100KQ	100KQ	5K	5K	1K	5K	5K	.5K	5K
VA 0.1		05-May-92	12:53	T	6700	800	100K	100K	10000	5K	50K	3300	3400	50K	100K	200	2900	1K	100K	100K	100K	100K	5K	5K	1K	5K	5K	.5K	5K
WA 6.7	Water Canyon above confluence with Canyon de Valle	5-May-1992	13:16	F	2800Q	100KQ	100KQ	100KQ	11000Q	5KQ	50KQ	1300Q	3600Q	50KQ	100KQ	100KQ	300Q	1KQ	100KQ	100KQ	100KQ	100KQ	5K	5KQ	1KQ	5KQ	5KQ	.5K	5KQ
WA 6.7		5-May-1992	13:16	T	6500	110	100K	100K	13000	5K	50K	2900	3900	50K	100K	100K	3100	1K	100K	100K	100K	100K	5K	5K	1K	5K	5K	.5K	5K
Mortandad Canyon Watershed																													
MO 7.4	Mortandad Canyon below junction with Effluent Canyon	7-May-1992	9:17	F	100KQ	200Q	100KQ	300Q	160000Q	5KQ	50KQ	100KQ	3800Q	50KQ	300Q	100KQ	14000Q	1KQ	200Q	100KQ	100KQ	100KQ	5K	5KQ	1KQ	5KQ	5KQ	.5K	5KQ
MO 7.4		7-May-1992	9:17	T	200	100K	100K	300	160000	5K	50K	100	3500	50K	300	100K	14000	1K	200	100K	100K	100K	5K	5K	1K	5K	5K	.1K	5K
MO 7.4		19-Jul-2002	10:34	T	600Q	100KQ	100KQ	100KQ	2900Q	5KQ	5KQ	500Q	2200Q	50KQ	100Q	100KQ	700Q	10KQ	100KQ	100KQ	100KQ	100KQ	5KQ	5KQ	1KQ	5KQ	5KQ	.5KQ	5KQ
Ancho Canyon Watershed																													
AN 3.8	South Fork Ancho @ SR 4	5-May-1992	10:25	F	100KQ	100KQ	100KQ	100KQ	20000Q	5KQ	50KQ	700Q	4600Q	310Q	100KQ	100KQ	17000Q	1KQ	100KQ	100KQ	100KQ	100KQ	5KQ	5KQ	1KQ	5KQ	5KQ	.5KQ	5KQ
AN 3.8		5-May-1992	10:25	T	700	100K	100K	100K	21000	5K	50K	2500	5100	400	100K	200	2900	1K	100	100K	100K	100K	5K	5K	1K	5K	5K	.5K	5K
Sandia Canyon Watershed																													
SA 6.1	Sandia Canyon near TA-53 turn-off	7-May-1992	10:51	F	100	100K	100K	100K	19000	10K	50K	200	3700	50K	200	100K	40000	1K	100K	100K	100K	100K	5K	5K	1K	8	5K	.5K	5K
SA 6.1		7-May-1992	10:51	T	1000	100K	100K	200	20000	5K	50K	700	3800	50K	200	100	3800	1	100K	100K	100K	100K	5K	5K	1K	15	5K	.5K	5K

Legend:
K - Actual value is known to be less than value given
L - Actual value is known to be grater than value given
Q - Sample held beyond normal holding time
* - Replicate
F - Dissolved fraction filtered through 0.45 micron filter
T - Total unfiltered sample

Table 2 Radiochemistry in Water 1992 - 1993

STATION		DATE	TIME	Filtered / Dissolved	Gross-alpha Am-241 ref (pCi/L)	One Sigma (pCi/L)	D. Lmt. (pCi/L)	Gross-alpha U-nat ref (pCi/L)	One Sigma (pCi/L)	D. Lmt. (pCi/L)	Gross-beta Cs-137 ref (pCi/L)	One Sigma (pCi/L)	D. Lmt. (pCi/L)	Gross-beta Sr/Y-90 ref (pCi/L)	One Sigma (pCi/L)	D. Lmt. (pCi/L)	U - 238 Alpha Spec. (pCi/L)	One Sigma (pCi/L)	U - 234 Alpha Spec. (pCi/L)	Sigma (pCi/L)	Th - 230 Alpha Spec. (pCi/L)	One Sigma (pCi/L)	Th - 232 Alpha Spec. (pCi/L)	One Sigma (pCi/L)	Am - 241 Alpha Spec. (pCi/L)	One Sigma (pCi/L)	Pu - 239 Alpha Spec. (pCi/L)	One Sigma (pCi/L)	Pu - 238 Alpha Spec. (pCi/L)	One Sigma	Ra-226 Non-SDWA (pCi/L)	One Sigma (pCi/L)	D. Limit (pCi/L)	Ra-228 Total (pCi/L)	One Sigma (pCi/L)
Los Alamos Canyon Watershed																																			
LA 5.3																																			
	Los Alamos Canyon below drainage from TA-53	07-May-92	14:15	T	0.60	0.30	0.40	0.80	0.40	0.60	8.00	0.70	0.70	8.10	0.70	0.70	0.21	0.08	0.13	0.06	0.005	0.04	0.067	0.021	0.046	0.019	0.08	0.025	-0.011	0.011					
LA 12.2	Los Alamos Canyon below Reservoir	6-May-1992	9:02	T	0.50	0.20	0.30	0.60	0.20	0.40	3.00	0.30	0.50	3.00	0.30	0.50	0.11	0.05	0.07	0.05	0.015	0.04	0.041	0.015	0.005	0.1	0	0.006	-0.019	0.013					
DP 0.1																																			
	DP Canyon above confluence with Los Alamos Canyon	14-Jul-1992	19:21	T	350.00	60.00	18.00	430.00	60.00	23.00	760.00	60.00	33.00	750.00	50.00	32.00																			
DP 0.1																																			
	DP Canyon above confluence with Los Alamos Canyon	20-Jul-1993	15:31	T	150.00	30.00	9.00	180.00	25.00	10.00	390.00	35.00	15.00	390.00	35.00	15.00																			
LA 4.1	Los Alamos Canyon @ SR 4	3-Aug-1993	17:40	T	1000.00	150.00	50.00	1480.00	150.00	80.00	1680.00	120.00	90.00	1590.00	100.00	80.00																			
DP 0.1																																			
	DP Canyon above confluence with Los Alamos Canyon	6-Aug-1993	18:24	T	5.60	2.30	3.60	5.60	2.20	3.60	119.00	9.00	6.40	116.00	8.00	6.30																			
DP 0.1																																			
	DP Canyon above confluence with Los Alamos Canyon	7-Aug-1993	21:15	T	0.00	1.50	2.50	0.00	1.50	2.50	92.00	6.00	5.00	92.00	6.00	5.00																			
DP 0.1																																			
	DP Canyon above confluence with Los Alamos Canyon	13-Aug-1993	18:30	T	7.20	1.60	0.90	8.70	1.70	1.10	82.00	6.00	1.60	82.00	5.00	1.60																			
DP 0.1	DP Canyon above confluence with Los Alamos Canyon	13-Aug-1993	22:30	T	4.70	1.00	0.90	5.60	1.00	1.10	81.00	6.00	1.60	81.00	5.00	1.60																			
DP 0.1	DP Canyon above confluence with Los Alamos Canyon	13-Aug-1993	22:50	T	5.00	1.20	0.90	5.90	1.20	1.10	74.00	5.00	1.60	74.00	4.00	1.60																			
DP 0.1	DP Canyon above confluence with Los Alamos Canyon	13-Aug-1993	23:00	T	9.70	1.80	1.00	12.90	1.80	1.40	84.00	6.00	1.60	82.00	5.00	1.60																			
LA 6.6	Los Alamos Canyon above junction with DP Canyon	30-Aug-1993	9:00	T	32.00	6.00	1.30	54.00	7.00	2.20	48.00	4.00	2.40	44.00	3.00	2.20																			
LA 12.2	Los Alamos Canyon below Reservoir	3-Sep-1993	10:15	T	0.10	0.70	1.50	0.10	0.60	1.40	7.30	2.20	3.30	7.70	2.30	3.50																			
LA 6.6	Los Alamos Canyon above junction with DP Canyon	3-Sep-1993	11:00	T	1.00	0.90	1.50	1.00	0.90	1.50	7.40	2.20	3.30	7.70	2.30	3.50																			
LA 8.4	Los Alamos Canyon near TA-2	17-Feb-1993	13:08	T	0.40	0.40	0.80	0.70	0.60	1.30	7.00	0.90	1.30	6.40	0.80	1.20	1.26	0.21	0.54	0.10	0.04	0.04	0.00	0.03							0.09	0.02	0.02	0.70	0.90
Pajarito Canyon Watershed																																			
PA 10.4																																			
	Pajarito Canyon upstream from SR 501	6-May-1992	10:10	T	0.40	0.20	0.30	0.60	0.20	0.30	3.20	0.30	0.50	3.20	0.30	0.50	0.15	0.06	0.06	0.04	0	0.03	0.032	0.014	-0.004	0.007	0.068	0.021	-0.01	0.011					
PA 4.4	Pajarito Canyon below culvert at TA-18	6-May-1992	14:50	T	0.40	0.30	0.40	0.60	0.40	0.60	4.40	0.50	0.70	4.40	0.50	0.70	0.17	0.07	0.12	0.06	-0.03	0.04	0.005	0.006	0.002	0.007	-0.003	0.005	-0.015	0.012					
PA 4.4	Pajarito Canyon below culvert at TA-18	10-Sep-2003	13:35	T	0.30	0.70	1.60	0.30	0.70	1.60	6.30	1.80	3.40	6.60	1.90	3.50																			
Water Canyon Watershed																																			
VA 0.1																																			
	Canyon de Valle upstream from jct. With Water Canyon	05-May-92	12:54	T	0.70	0.20	0.40	1.00	0.40	0.60	6.00	0.60	0.60	6.00	0.60	0.70	0.22	0.07	0.11	0.05	0.11	0.06	0.09	0.06	0.06	0.025									
WA 9.9	Water Canyon @ SR 501	6-May-1992	13:06	T	1.70	0.30	0.40	2.40	0.50	0.60	6.10	0.60	0.70	6.10	0.60	0.70	0.14	0.08	0.22	0.1	0.05	0.04	0.11	0.03	-0.004	0.01	0	0.006	-0.019	0.013					
VA 3.2	Canyon de Valle @ SR 501	6-May-1992	11:07	T	0.30	0.10	0.30	0.40	0.20	0.30	2.60	0.30	0.50	2.60	0.30	0.50	0.11	0.06	0.04	0.04	0.02	0.04	0.029	0.013	0.033	0.02	0.012	0.011	-0.002	0.012					
WA 6.7	Water Canyon above confluence with Canyon de Valle	5-May-1992	13:28	T	1.20	0.40	0.60	1.70	0.60	0.80	7.20	0.70	1.00	7.30	0.70	1.00	0.16	0.06	0.06	0.05	0.06	0.05	0.1	0.06	0.031	0.02									
Ancho Canyon Watershed																																			
AN 3.8	South Fork Ancho Canyon @ SR 4	5-May-1992	9:55	T	0.30	0.30	0.40	0.50	0.40	0.60	9.70	0.80	0.70	9.70	0.70	0.70	0.13	0.07	0.075	0.06	-0.003	0.04	0.026	0.013	-0.01	0.013	-0.005	0.006	-0.027	0.015					
Mortandad Canyon Watershed																																			
MO 7.4																																			
	Mortandad Canyon below junction with Effluent Canyon	7-May-1992	9:33	T	9.20	2.10	2.00	15.00	4.00	3.30	1210.00	70.00	3.00	1190.00	60.00	3.00	0.77	0.19	2.2	0.5	-0.01	0.04	0.01	0.008	2.6	0.7	2.3	0.6	0.6	0.15					
MO 7.4																																			
	Mortandad Canyon below junction with Effluent Canyon	19-Jul-1993	10:30	T	3.20	0.80	1.00	4.30	1.00	1.30	135.00	9.00	1.70	131.00	7.00	1.60																			
Sandia Canyon Watershed																																			
SA 6.1	Sandia Canyon near TA-53 turn-off	7-May-1992	10:52	T	0.60	0.40	0.90	0.80	0.60	1.20	10.70	1.10	1.50	10.70	1.10	1.50	0.14	0.06	0.11	0.05	0.02	0.04	0.042	0.015	0.009	0.01	0.011	0.01	-0.01	0.013					

Table 3 Volitile Organic Compounds - LANL - 1992

STATION		DATE	TIME	Acetone (ug/L)	Benzene (ug/L)	Bromo-benzene (ug/L)	Bromo-chloro-methane (ug/L)	Bromo-dichloro-methane (ug/L)	Bromo-form (ug/L)	Bromo-methane (ug/L)	2-Butanone (MEK) (ug/L)	n-Butyl benzene (ug/L)	sec-Butyl benzene (ug/L)	tert-Butyl benzene (ug/L)	tert-Butyl methyl ether (MTBE) (ug/L)	Carbon tetra-chloride (ug/L)	Chloro-benzene (ug/L)	Chloro-ethane (ug/L)	Chloro-form (ug/L)	Chloro-methane (ug/L)	2-Chloro-toluene (ug/L)	4-Chloro-toluene (ug/L)	1,2-Dibromo-3-chloro propane (ug/L)	Dibromo Chloro methane (ug/L)	1,2-Dibromo ethane (ug/L)	Dibromo methane (ug/L)	1,2-Dichloro benzene (ug/L)	1,3-Dichloro benzene (ug/L)	1,4-Dichloro benzene (ug/L)	Dichloro difluoro methane (ug/L)	1,1-Dichloro ethane (ug/L)	1,2-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	cis-1,2-Dichloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	1,2-Dichloro propane (ug/L)	1,3-Dichloro propane (ug/L)	2,2-Dichloro propane (ug/L)	1,1-Dichloro propene (ug/L)
Los Alamos Canyon Watershed																																							
LA12.2	Los Alamos Canyon below Reservoir	6-May-1992	8:57	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
LA5.3	Los Alamos Canyon below drainage from TA-53	7-May-1992	14:00																																				
Pajarito Canyon Watershed																																							
PA4.4	Pajarito Canyon below culvert at TA-18	6-May-1992	14:45	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
PA4.4		6-May-1992	14:52	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
PA10.4	Pajarito Canyon upstream from SR 501	6-May-1992	10:01	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Water Canyon Watershed																																							
WA9.9	Water Canyon @ SR 501	6-May-1992	12:59	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
VA3.2	Canyon de Valle @ SR 501	6-May-1992	10:58	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
VA0.1	Canyon de Valle upstream from jct. With Water Canyon	5-May-1992	12:46	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
WA6.7	Water Canyon above confluence with Canyon de Valle	5-May-1992	13:23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Anacho Canyon Watershed																																							
AN3.8		5-May-1992	9:55	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Mortandad Canyon Watershed																																							
MO7.4	Mortandad Canyon below junction with Effluent Canyon	7-May-1992	9:26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Sandia Canyon Watershed																																							
SA6.1	South Fork Ancho @ SR 4	7-May-1992	10:45	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

STATION		DATE	TIME	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethyl benzene (ug/L)	Hexa chloro butadiene (ug/L)	Isopropyl benzene (ug/L)	4-Isopropyl toluene (ug/L)	Methylene chloride (ug/L)	Naphthalene (ug/L)	N-Propyl benzene (ug/L)	Styrene (ug/L)	1,1,1,2-Tetra chloro ethane (ug/L)	1,1,2,2-Tetra chloro ethane (ug/L)	Tetra chloro ethylene or ethene (ug/L)	Tetra hydro furan (THF) (ug/L)	Toluene (ug/L)	1,2,3-Trichloro benzene (ug/L)	1,2,4-Trichloro benzene (ug/L)	1,1,1-Trichloro ethane (ug/L)	1,1,2-Trichloro ethane (ug/L)	Trichloro ethylene or ethene (ug/L)	Trichloro fluoro methane (ug/L)	1,2,3-Trichloro propane (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)	Vinyl Chloride (ug/L)	o-Xylene (ug/L)	p-&m-Xylene (ug/L)	Ace naphthene (ug/L)	Ace naphthylene (ug/L)	Anthracene (ug/L)	Benzoic acid (ug/L)	Benzo (a) anthracene (ug/L)	Benzo (b) fluoranthene (ug/L)	Benzo (k) fluoranthene (ug/L)	Benzo (g,h,i) perylene (ug/L)	Benzo (a) pyrene (ug/L)
Los Alamos Canyon Watershed																																							
LA12.2	Los Alamos Canyon below Reservoir	6-May-1992	8:57	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
LA5.3	Los Alamos Canyon below drainage from TA-53	7-May-1992	14:00																												U	U	U	U	U	U	U	U	U
Pajarito Canyon Watershed																																							
PA4.4	Pajarito Canyon below culvert at TA-18	6-May-1992	14:45	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
PA4.4		6-May-1992	14:52	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
PA10.4	Pajarito Canyon upstream from SR 501	6-May-1992	10:01	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Water Canyon Watershed																																							
WA9.9	Water Canyon @ SR 501	6-May-1992	12:59	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
VA3.2	Canyon de Valle @ SR 501	6-May-1992	10:58	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
VA0.1	Canyon de Valle upstream from jct. With Water Canyon	5-May-1992	12:46	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
WA6.7	Water Canyon above confluence with Canyon de Valle	5-May-1992	13:23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Anacho Canyon Watershed																																							
AN3.8		5-May-1992	9:55	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Mortandad Canyon Watershed																																							
MO7.4	Mortandad Canyon below junction with Effluent Canyon	7-May-1992	9:26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Sandia Canyon Watershed																																							
SA6.1	South Fork Ancho @ SR 4	7-May-1992	10:45	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

STATION		DATE	TIME	Benzyl alcohol (ug/L)	Bis (2-chloro ethoxy) methane (ug/L)	Bis (2-chloro ethyl) ether (ug/L)	Bis (2-chloro isopropyl) ether (ug/L)	Bis (2-ethyl hexyl) phthalate (ug/L)	4-Bromo-phenylphenyl ether (ug/L)	N-Butyl benzyl phthalate (ug/L)	4-Chloro aniline (ug/L)	2-Chloro naphthalene (ug/L)	4-Chloro-3-methyl-phenol (ug/L)	2-Chloro phenol (ug/L)	4 Chloro-phenyl phenyl ether (ug/L)	Chrysene (ug/L)	Dibenz (a,h) anthracene (ug/L)	Dibenzo furan (ug/L)	Di-n-butyl phthalate (ug/L)	1,2-Dichloro benzene (ug/L)	1,3-Dichloro benzene (ug/L)	1,4-Dichloro benzene (ug/L)	3,3-Dichloro benzidine (ug/L)	2,4-Dichloro-phenol (ug/L)	Diethyl phthalate (ug/L)	2,4-Dimethyl-phenol (ug/L)	Dimethyl phthalate (ug/L)	4,6-Dinitro-2-methyl-phenol (ug/L)	2,4-Dinitro phenol (ug/L)	2,4-Dinitro toluene (ug/L)	2,6-Dinitro toluene (ug/L)	Di-n-octyl phthalate (ug/L)	Fluor anthene (ug/L)	Fluorene (ug/L)	Hexa chloro benzene (ug/L)	Hexa chloro butadiene (ug/L)	Hexa chloro cyclo pentadiene (ug/L)	Hexa chloro ethane (ug/L)
Los Alamos Canyon Watershed																																						
LA12.2	Los Alamos Canyon below Reservoir	6-May-1992	8:57	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
LA5.3	Los Alamos Canyon below drainage from TA-53	7-May-1992	14:00	U	U	U	U	8.00 (J)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Pajarito Canyon Watershed																																						
PA4.4	Pajarito Canyon below culvert at TA-18	6-May-1992	14:45	U	U	U	U	50.00	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
PA4.4		6-May-1992	14:52	U	U	U	U	1.00 (J)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
PA10.4	Pajarito Canyon upstream from SR 501	6-May-1992	10:01	U	U	U	U	1.00 (J)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Water Canyon Watershed																																						
WA9.9	Water Canyon @ SR 501	6-May-1992	12:59	U	U	U	U	60.00	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
VA3.2	Canyon de Valle @ SR 501	6-May-1992	10:58	U	U	U	U	10.00	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
VA0.1	Canyon de Valle upstream from jct. With Water Canyon	5-May-1992	12:46	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.00(J,B)	U	U	U	U	U	U	U	U	U	U	U	U	1.00 (J, B)	U	U	U	U	U	U
WA6.7	Water Canyon above confluence with Canyon de Valle	5-May-1992	13:23	U	U	U	U	10.00 (B)	U	U	U	U	U	U	U	U	U	U	1.00 (J,B)	U	U	U	U	U	1.00 (J,B)	U	U	U	U	U	U	U	U	U	U	U	U	U
Anacho Canyon Watershed																																						
AN3.8		5-May-1992	9:55	U	U	U	U	1.00 (J)	U	U	U	U	U	U	U	U	U	U	1.00 (J)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Mortandad Canyon Watershed																																						
MO7.4	Mortandad Canyon below junction with Effluent Canyon	7-May-1992	9:26	U	U	U	U	4.00 (J)	U	1.00 (J)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Sandia Canyon Watershed																																						
SA6.1	South Fork Ancho @ SR 4	7-May-1992	10:45	U	U	U	U	120.00	U	4.00 (J)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	60.00	U	U	U	U	U	U

Sandia Canyon near TA-53 turn-off

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 4 Water Chemistry 1992 - 1993

STATION		DATE	TIME	Water Temp (C)	Sp. Cond. Field (uhmo)	Dissolved O2 DO (mg/L)	pH Field (S.U.)	TOC MG/L	Nitrate & Nitrite as N (mg/L)	Ammonia NH4 (mg/L)	Kjdelahl Nitrogen (mg/L)	Total P (mg/L)	COD (mg/L)	CA (mg/L)	MG (mg/L)	K (mg/L)	NA (mg/L)	Hardness (mg/L)	Alkalinity (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Chloride (mg/L)	Floride (mg/L)	Sulphate (mg/L)	Color Test (units)	Sp. Cond. Lab (uS/cm)	pH Lab (S.U.)	TDS (mg/L)	Turbidity Lab (NTU)	TSS (mg/L)
White Rock Canyon Stations																														
Rio Grande @ Otowi Bridge		9/8/1992	10:25	17.50		222.00	7.65	5.00	.04K	0.23	0.40	0.29		43.00	7.00	3.00	16.00	136.00	105.00	128.00	0.00	5.00K	0.32	90.60	15.00Q	343.00	8.06	228.00		50.00
Spring 1		9/8/1992	12:16	19.00			6.96	2.00	0.44	0.10K	0.10K	0.01		17.00	1.00	2.00	28.00	47.00	98.60	118.00	0.00	5.00K	0.52	17.20	5.00K	221.00	8.14	106.00		8.00
Spring 2		9/8/1992	12:20	23.00	253.00		8.40	4.00	0.04K	0.20	0.55	0.06		17.00	1.00	2.00	42.00	42.00	143.00	172.00	0.00	5.00	1.17	8.10	5.00Q	304.00	8.30	206.00		13.00
Sandia Spring		9/8/1992	14:45	19.70	255.00	6.70	6.98	2.00	0.12	0.10K	0.18	0.11		43.00	3.00	3.00	14.00	120.00	141.00	173.00	0.00	5.00K	0.54	5.00K	5.00K	281.00	8.29	202.00		21.00
MO 0.1	Mortandad Canyon @ jct. with Rio Grande	9/8/1992	16:15	18.00	410.00		7.90	16.00	8.15	0.36	2.43	3.89		29.00	8.00	16.00	67.00	103.00	154.00	185.00	0.00	49.50	0.37	33.30	40.00Q	623.00	7.96	476.00		15.00
Spring 3A		9/8/1992	16:55	18.00	160.00		6.90	2.00	0.84	0.10K	0.10K	0.02		22.00	2.00	3.00	11.00	61.00	80.40	96.50	0.00	5.00K	0.40	5.00K	5.00	191.00	8.22	154.00		3K
Spring 4		9/9/1992	8:45	16.50	175.00	6.40	7.15	2.00	1.35	0.10K	0.10K	0.02		24.00	4.00	4.00	12.00	76.00	81.20	97.40	0.00	5.80	0.48	8.60	5.00K	216.00	8.09	174.00		3.00
Spring 4A		9/9/1992	9:30	18.00	115.00		7.67	1.00K	0.96	0.10K	0.11	0.02		21.00	4.00	3.00	10.00	69.00	78.00	94.20	0.00	5.00K	0.44	5.00K	5.00K	193.00	8.19	174.00		3.00K
Spring 5		9/9/1992	11:59	18.90	159.00	11.90	8.73	2.00	0.23	0.11	0.13	0.02		19.00	5.00	2.00	9.00	68.00	79.80	97.30	0.00	5.00K	0.43	5.00K	5.00K	187.00	8.25	170.00		4.00
Ancho Spring		9/9/1992	15:05	21.00	130.00		7.30	3.00	0.49	0.30	0.40	0.10		13.00	3.00	4.00	9.00	45.00	59.40	71.50	0.00	5.00K	0.31	5.00K	5.00K	132.00	7.78	153.00		34.00
AN 0.1	Ancho Canyon @ jct. with Rio Grande	9/9/1992	-	18.00	147.00		8.74																							
Spring 6A		9/9/1992	17:03	21.60	110.00	7.00	7.47	1.00K	0.44	0.10K	0.10K	0.03		10.00	3.00	4.00	8.00	37.00	53.30	63.90	0.00	5.00K	0.29	5.00K	5.00K	124.00	8.05	144.00	4.00	
DOE Spring		9/9/1992	10:15					2.00	0.10	0.16	0.28	0.02		12.00	3.00	2.00	10.00	42.00	60.30	72.40	0.00	5.00K	0.47	5.00K	5.00K	132.00	8.12	144.00	6.00	
Spring 9		9/9/1992	8:00					3.00	0.23	0.14	0.16	0.05		21.00	5.00	2.00	12.00	73.00	98.90	119.00	0.00	5.00K	0.51	5.00K	10.00	204.00	7.92	192.00	5.00	
FR 0.1	Frijoles Canyon @ jct. With Rio Grande	9/9/1992	12:05	19.80	100.00	7.40	8.50	3.00	0.04K	0.14	0.18	0.06		10.00	3.00	2.00	8.00	37.00	51.80	62.20	0.00	5.00K	0.14	5.00K	10.00	124.00	8.06	130.00	7.00	
Spring 1		10/12/1993	12:00	15.60	256.00		8.16		1.00	0.10K	9.00	2.50		21.00	1.00	3.00	32.00	57.00	107.00	130.00	0.00	5.00	0.53	7.00	50.00L	238.00	7.79	188.00		335.00
Spring 2		10/12/1993	12:45	15.60					0.10K	0.10	6.50	1.60		27.00	1.00	3.00	60.00	72.00	176.00	214.00	0.00	5.00	1.16	9.00	50.00L	362.00	7.95	292.00		790.00
Sandia Spring		10/12/1993	14:00	16.20	317.00		6.71		0.10K	0.10K	0.10K	0.09K		51.00	4.00	4.00	17.00	144.00	153.00	187.00	0.00	5.00	0.53	5.00	10.00	308.00	8.25	224.00		15.00
MO 0.1	Mortandad Canyon @ jct. with Rio Grande	10/12/1993	15:40						9.50	0.40	3.30	7.10		23.40	6.00	14.00	77.00	82.00	108.00	132.00	0.00	46.00	0.98	29.00	25.00	553.00Q	7.60	420.00		54.00
Spring 3		10/12/1993	16:00	18.80	195.00		8.17		0.90	0.10K	0.10	0.09K		25.00	2.00	4.00	15.00	11.00	81.00	98.00	0.00	5.00	0.42	6.00	5.00	192.00	8.16	168.00		7.00
Spring 4		10/12/1993	18:15						0.30	0.20	1.90	0.30		32.00	6.00	3.00	17.00	105.00	94.00	114.00	0.00	9.00	0.46	10.00	50.00L	232.00	8.17	170.00		295.00
PA 0.1	Pajarito @ jct. With Rio Grande	10/13/1993	7:45	21.00	80.30		8.38		0.90	0.10K	0.10K	0.09K		23.00	5.00	3.00	14.00	78.00	83.00	10.00	0.00	6.00	0.43	8.00	0.00	199.00	8.13	178.00		4.00
Spring 4A		10/13/1993	9:00	21.00	80.30		8.38		1.00	0.10K	0.10K	0.09K		19.00	4.00	3.00	12.00	64.00	76.00	93.00	0.00	6.00	0.43	7.00	5.00	187.00	8.04	184.00		8.00
Spring 5		10/13/1993	11:30	14.00	166.00		7.93		0.40	0.70	0.70	0.09K		18.00	5.00	3.00	13.00	66.00	78.00	95.00	0.00	6.00	0.39	6.00	15.00	180.00	7.98	192.00		51.00
AN 0.1	Ancho Canyon @ jct. with Rio Grande	10/13/1993	14:00	20.40	125.00		8.41		0.10K	0.10K	0.10	.09K		13.00	3.00	3.00	11.00	45.00	65.00	79.00	2.00K	5.00K	0.36	5.00K	5.00	142.00	8.54	168.00		5.00
Ancho Spring		10/13/1993	14:52	19.00	115.00		7.18		0.20	0.10K	0.10K	0.09K		14.00	3.00	3.00	10.00	47.00	58.00	71.00	0.00	5.00K	0.34	5.00K	5.00	134.00	7.87	170.00		4.00
Spring 8A		10/14/1993	8:00	11.00	90.00		7.03		0.30	0.10K	0.10K	0.09K		12.00	3.00	3.00	12.00	42.00	60.00	73.00	0.00	5.00K	0.36	5.00K	15.00	134.00	8.06	158.00		5.00
DOE Spring		10/14/1993	9:15	11.40	130.00		8.29		0.10K	0.10K	0.20	0.09K		13.00	3.00	2.00	12.00	45.00	59.00	72.00	0.00	5.00K	0.45	5.00K	5.00	134.00	7.94	160.00		10.00
FR 0.1	Frijoles Canyon @ jct. With Rio Grande	10/14/1993	12:00	15.40	93.00		6.72		0.10K	0.10K	0.20	0.09K		11.00	3.00	3.00	10.00	40.00	51.00	63.00	0.00	5.00	0.17	5.00K	10.00	116.00	7.98	162.00		4.00
Sacred Spr.		5/13/1993	3:25						0.14	0.12	1.20	0.10K		23.00	1.00K	4.00	24.00	57.00	98.80	121.00	0.00	5.00K		6.90				172.00		
La Mesita Spr.		6/15/1993	9:48						3.04	0.10K	0.10K	0.10K		35.00	1.00K	4.00	29.00			147.00	2.90	7.00		14.00				194.00		
Pajarito Canyon Watershed																														
PA 10.4	Pajarito Canyon upstream from SR 501	3/24/1993	11:45						0.05	0.10K	0.38	0.07		19.00	6.00	4.00	21.00	72.00	36.90	45.00	0.00	38.80	0.15	11.00	50.00L	240.00	7.51	198.00	27.00	3.00K
PA 4.4	Pajarito Canyon below culvert at TA-18	9/10/1993	13:35											22.00	6.00	5.00	22.00	80.00	81.00	99.00	0.00	29.00	0.18	6.00	20.00	278.00	8.13	186.00	4.10	3.00K
Los Alamos Canyon Watershed																														
PU 6.6	South Fork Pueblo above Diamond Drive	4/30/1993	11:42						.04K	.10K	0.87	.10Q	64.00	13.00	4.00	3.00	9.00	49.00	34.40	41.90	0.00	5.00k	0.12	11.70	50.00L	128.00	7.76	274.00		12.00
PU 1.3	Pueblo Canyon near Bayo Sewage Treatment Plant	6/18/1993	11:56						5.02	10.80	15.60	5.60		17.00	5.00	15.00	66.00			112.00	0.00	33.70		26.00				388.00		
LA 6.6	Los Alamos Canyon above junction with DP Canyon	8/30/1993	9:00											15.00	2.00	4.00	8.00	46.00	40.00	50.00	0.00	6.00	0.10K	5.00	50.00L	127.00	7.47	134.00		840.00
LA 12.2	Los Alamos Canyon below Reservoir	9/3/1993	10:15											8.00	3.00	3.00	6.00	32.00	31.00	38.00	0.00	6.00	0.10K	5.00K	50.00L	98.00	7.66	114.00		14.00
LA 8.4	Los Alamos Canyon near TA-2	9/3/1993	11:00											14.00	3.00	4.00	28.00	47.00	52.00	63.00	0.00	34.00	0.19	7.00	25.00	239.00	8.10	184.00		9.00
Basalt Spr.		6/15/1993	11:49						1.36	0.10K	0.30	1.80		32.00	8.00	6.00	37.00			127.00	0.00	27.00		22.00				280.00		
Indian Spr.		5/13/1993	12:35						0.81	0.10K	0.16	0.10K		36.00	3.00	3.00	26.00	102.00	102.00	125.00	0.00	32.10		7.30				222.00		
AC 0.01	Acid Canyon above Jct. With Pueblo Canyon	6/18/1993	10:31						1.37	0.11	1.21	0.50		11.00	1.00	5.00	76.00			68.00	0.00	83.00		12.00				272.00		
Water Canyon Watershed																														
VA 3.2	Canyon de Valle @ SR 501	4/30/1993	11:03						.04K	.10K	0.27	.10KQ	19.00	6.00	2.00	2.00	3.00	23.00	18.00	22.20	0.00	5.00K	0.10K	5.00K	25.00	54.00	7.56	77.00		3.00
WA 9.9	Water Canyon @ SR 501	4/30/1993	10:23						.04K	.10K	0.40	.10KQ	17.00	12.00	4.00	4.00	13.00	46.00	33.90	41.30	0.00	17.30	0.12	8.10	25.00	158.00	7.77	182.00		8.00
AN 3.8	South Fork Ancho Canyon @ SR 4	3/24/1993	13:21						0.04K	0.10K	0.68	0.11		11.00	3.00	5.00	8.00	40.00	17.10	23.20	0.00	5.00K	0.20	10.90	50.00L	97.00	7.29	256.00	60.00	3.00K
WA 6.7	Water Canyon above confluence with Canyon de Valle	6/28/1993	10:08						0.22	0.18	0.96	0.20		15.00	5.00	2.00	21.00			69.00	0.00	23.00		8.00				210.00		
Sandia Canyon Watershed																														
SA 6.1	Sandia Canyon near TA-53 turn-off	6/14/1993	10:29						1.05	0.13	0.80	2.50		23.00	5.00	11.00	124.00			177.00	0.00	67.00		104.00				520.00		
Mortandad Canyon Watershed																														
MO 7.4	Mortandad Canyon below junction with Effluent Canyon	7/19/1993	10:36						.04K	0.01K	0.27	0.10KQ		35.00	3.00	9.00	73.00			140.00	0.00	9.00	10.00					370.00		

Table 1 - NMED DOE Oversight Bureau Surface-Water Quality Results: General Chemistry1.

STATION ID	Date	Time	Type	Cations F/T	Others F/T	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)
ANCHO CANYON & TRIBUTARIES										
AB-2	28-Jul-98	2:00 PM	E/ST	-	F	NA	NA	NA	NA	0.39
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	-	T	NA	NA	NA	NA	1.2
AN-2.15	10-Aug-99	1:23 PM	E/ST	-	T	NA	NA	NA	NA	1.1
LOS ALAMOS CANYON & TRIBUTARIES										
Acid Canyon										
AC-0.5	6-Oct-98	12:15 PM	E/D	F	F/T	14	1.3	2.5	13	4.91
Acid Weir	6-Oct-98	9:50 AM	E/D	F	F/T	13	1.4	4.6	37	50.5
	23-Jun-99	9:33 AM	E/D	-	-	NA	NA	NA	NA	NA
AC-0.2	14-Sep-99	2:02 PM	E/ST	-	F/T	NA	NA	NA	NA	NA
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	F/T	14	2.5	3.1	17	7.53
	6-Oct-98	11:50 AM	OF/DS	-	F/T	NA	NA	NA	NA	7.7
ACTE-0.01	27-Aug-98	12:15 PM	E/D	F	F/T	11	2	3	8	3.4
DP Canyon										
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	F	F/T	16	NA	NA	22	22.6
	13-Aug-98	7:27-7:42 AM	E/ST	-	T	NA	NA	NA	NA	NA
	13-Aug-98	7:47-8:02 AM	E/ST	F	F/T	10	<1	3	6	4.9
	13-Aug-98	8:07-8:22 AM	E/ST	-	T	NA	NA	NA	NA	NA
	13-Aug-98	8:02 PM	E/ST	-	T	See additional tables		NA	NA	NA
	13-Aug-98	8:22 PM	E/ST	-	T	NA	NA	NA	NA	NA
	13-Aug-98	7:47 PM	E/ST	-	T	See additional tables		NA	NA	NA
	13-Aug-98	7:47 PM	E/ST	-	T	NA	NA	NA	NA	NA
	27-Oct-98	12:50 PM	E/ST	F	F/T	7	<1	2	4	2.6
	9-Jul-99	5:30 PM	E/ST	-	T	NA	NA	NA	NA	NA
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	F	F/T	24	NA	NA	40	42.6
Los Alamos Canyon										
LA 5.3	4-May-99	1:45 PM	E/SM	F	F/T	9.9	2.6	3.1	NA	31
LA 5.6	13-Aug-98	8:35 PM	E/ST	F	F/T	11	1	4	8	6.6
LA-6.6	27-Oct-98	1:00 PM	E/ST	F	F/T	5	1	2	10	8.4
LA-8.0	31-Aug-98	12:15 PM	E/D	-	-	NA	NA	NA	NA	NA
LA-8.0	1-Sep-98	11:45 AM	E/D	F	F/T	14	3	4	30	40
LA-8.7	1-Sep-98	10:40 AM	E/D	F	F/T	12	3	3	24	30
LA-10.7	1-Sep-98	10:55 AM	E/D	F	F/T	10	3	3	8	8.7
TA-53 Drainage	6-Aug-99	4:30 PM	E/ST	-	T	NA	NA	NA	NA	NA
Pueblo Canyon										
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	F/T	11	2.1	3.8	29	22.0
	23-Jun-99	10:28 AM	E/D	-	-	NA	NA	NA	NA	NA
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	-	F	19	4.9	13.0	62	NA
Bayo Sewage Outfall	1-Sep-98	12:17 PM	OF	-	F/T	NA	NA	NA	NA	36.4
PU-0.7	25-Mar-99	9:20 AM	OF/DS	-	T	NA	NA	NA	NA	NA
PU-5.3	14-Sep-99	2:54 PM	E/ST	-	F/T	NA	NA	NA	NA	NA
MORTANDAD CANYON & TRIBUTARIES										
Canada del Buey										
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	F/T	8	2	3	9	6.5
CDBS-0.3	20-Jul-98	10:25 AM	E/D	F	F/T	24	4	13	60	71
CDBSTRIB-0.01	20-Jul-98	11:00 AM	E/D	F	F/T	8	2	3	12	8.7
Effluent Canyon										
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	F	F/T	24	6	4	26	6.7
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	F/T	87	<1	5	54	20

Table 1 - NMED DOE Oversight Bureau Surface-Water Quality Results: General Chemistry1.

STATION ID	Date	Time	Type	Cations F/T	Others F/T	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)
Mortandad Canyon										
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	F/T	61	2	6	56	19
	27-May-99	10:50 PM	OF/ST	-	-	NA	NA	NA	NA	NA
PAJARITO CANYON & TRIBUTARIES										
North Anchor East Basin										
BU-0.01	22-May-98	10:49 AM	P	-	-	NA	NA	NA	NA	NA
	8-Feb-99	11:46 AM	P	F	F/T	16	4.4	3.2	19	16
	28-Jun-99	2:25 PM	P	F	F/T	13	3.9	3.3	21	15
	28-Jun-99	2:25 PM	P	T	-	12	3.6	2.4	17	NA
BU-0.32	22-May-98	10:31 AM	P?	-	-	NA	NA	NA	NA	NA
Pajarito Canyon										
PA-6.2	10-Mar-98	12:40 PM	E/D	-	-	NA	NA	NA	NA	NA
PA-6.7	10-Mar-98	1:00 PM	E/D	-	-	NA	NA	NA	NA	NA
	5-Aug-98	10:00 AM	E/D	F	F/T	12	4	3	12	14
	30-Jun-99	3:25 PM	E/D	T	F/T	5**	2.3**	1.7**	4.1**	12
	30-Jun-99	3:25 PM	E/D	F	-	10	3.2	2.9	15	NA
PA-8.4	13-Nov-98	10:15 AM	P	-	-	NA	NA	NA	NA	NA
PA-8.6	22-May-98	10:56 AM	P	-	-	NA	NA	NA	NA	NA
PA-8.7	22-May-98	10:50 AM	P	-	-	NA	NA	NA	NA	NA
PA-8.9	28-Jun-99	3:20 PM	P	T	F/T	8.3	2.9	2.1	11	8
	28-Jun-99	3:20 PM	P	F	-	7.7	2.7	2.6	11	NA
PA-10.6	8-Feb-99	2:00 PM	P	F	F/T	5.5	2.1	1.7	4.6	1
(field dup)	8-Feb-99	2:00 PM	P	F	F/T	5.9	2.6	1.8	5.1	NA
	29-Jun-99	12:00 PM	P	F	F/T	5.7	2.5	2.1	4.6	<2
	29-Jun-99	12:00 PM	P	T	-	6.0	2.7	1.6	4.6	NA
	15-Dec-99	3:00 PM	P	F	F/T	8.2	3.5	3.9	4.9	6
Starmer Gulch										
ST-0.12	22-May-98	10:01 AM	P	-	-	NA	NA	NA	NA	NA
Threemile Canyon										
TM-0.3	25-Jun-99	12:00 PM	E/D	F	F/T	9.9	3.3	3.2	16	19
	25-Jun-99	12:00 PM	E/D	T	-	10	3.6	2.7	16	NA
TM-0.33	6-Jul-98	10:20 AM	E/D	-	-	NA	NA	NA	NA	NA
TM-0.34	6-Jul-98	10:28 AM	E/D	-	-	NA	NA	NA	NA	NA
Twomile Canyon										
TW-0.01	5-Aug-98	10:10 AM	E/D	-	-	NA	NA	NA	NA	NA
POTRILLO CANYON										
Potrillo above SR-4	17-Jun-99	4:30 - 5:30 PM	E/ST	-	T	NA	NA	NA	NA	NA
RIO GRANDE (WHITE ROCK CANYON)										
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	F	F/T	39	5	3	11	3.2
SANDIA CANYON										
SA-7.0	1-Jul-98	7:30 PM	E/ST	F	F/T	14	3	10	57	60
SCS-1	27-May-99	9:40 PM	OF/ST	T	-	NA	NA	NA	NA	NA
SANTA CLARA CANYON										
SCC-1	16-Jul-98	3:30 PM	E/D	F	F/T	10	1.6	1.6	10B	1.34
SCC-2	16-Jul-98	2:50 PM	P	F	F/T	7.7	1.6	1.5	9.4B	1.04
SCC-3	16-Jul-98	1:20 PM	P	F	F/T	4.9	1.2	0.9	8.8B	0.9
SCC-4	16-Jul-98	11:10 AM	P	T	F/T	NA	NA	NA	NA	0.7
	16-Jul-98	11:10 AM	P	F	F/T	3.7	0.70	<0.5	8.4B	0.6
WATER CANYON & TRIBUTARIES										
Canon de Valle										

Table 1 - NMED DOE Oversight Bureau Surface-Water Quality Results: General Chemistry1.

STATION ID	Date	Time	Type	Cations F/T	Others F/T	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Cl (mg/L)
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P?	F	F/T	6	2	1	3	NA
	21-Dec-98	12:20 PM	P?	T	F/T	5.4	1.9	0.9	3.7B	1.04
SW AT 16-2768	17-Dec-98	11:15 AM	P?	T	F/T	17	5.2	3.3	20	15.5
	17-Dec-98	11:15 AM	P?	F	F/T	18	5	4	16	NA
SW AT 16-2776	17-Dec-98	11:50 AM	E/D	F	F/T	16	5	3	16	NA
	17-Dec-98	11:50 AM	E/D	T	F/T	15	4.6	2.8	18	15.9
CDV-0.8	21-Dec-98	4:20 PM	E/D	F	F/T	10	3	3	8	2.7
260 Outfall - A05056	21-Aug-98	11:07 AM	DOF/ST	F	F/T	30	2	2	6	NA
BL-0.1	21-Aug-98	10:15 AM	E/D	F	F/T	11	2	7	9	NA
Mesa Top										
90S Line Pond	17-Dec-98	4:17 PM	EBW	F	F/T	9	2	5	3	NA
	17-Dec-98	4:17 PM	EBW	T	F/T	NA	NA	NA	NA	2.21
Water Canyon										
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	F/T	10	4	4	13	11
	13-Nov-98	9:50 AM	E/D	F	-	10	3	4	13	NA
	17-Nov-99	9:55 AM	E/D	-	-	NA	NA	NA	NA	NA
WC-6.3	21-Dec-98	3:20 PM	E/SM	F	F/T	11	3	4	13	10

1 - Total phosphate as phosphorus
TKN - Total Kjeldahl nitrogen
TDS - Total dissolved solids
TSS - Total suspended solids
SC - Specific conductance
NA - Not analyzed or not available
dO - Dissolved oxygen
** - results may be inaccurate due to error in data entry or results were switched with another.
Composite samples collected during time intervals shown.
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
s.u. - Standard Units
C - Degrees Celsius
ppm - Parts Per Million
uS/cm - Micro Siemens Per Centimeter
B - Analyte found in blank.
d - Dilution
D - Compounds identified in an analysis at a secondary dilution factor.
N - Matrix spike recovery outside the acceptance limits.
A post-digestion spike was performed to evaluate matrix effect.
§ - Holding Times Broken

TSL - Determined by separating the sediment from the aqueous phase in the samples by centrifugation.
After separation, the sediment was transferred into a tared pyrex beaker and dried in an oven at 100 degrees C.
The oven dry weight of the sediment was calculated by difference.

Surface Water Types

EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 2 - NMED DOE Oversight Bureau Surface-Water Quality Results: General Chemistry2.

STATION ID	Date	Time	Type	Cations F/T	Others F/T	Br (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	Alk (mg/L)	CO2 (mg/L)
ANCHO CANYON & TRIBUTARIES											
AB-2	28-Jul-98	2:00 PM	E/ST	-	F	NA	NA	NA	NA	NA	NA
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	-	T	NA	0.28	<5	68	68	NA
AN-2.15	10-Aug-99	1:23 PM	E/ST	-	T	NA	<0.1	<5	24	24	NA
LOS ALAMOS CANYON & TRIBUTARIES											
Acid Canyon											
AC-0.5	6-Oct-98	12:15 PM	E/D	F	F/T	<0.100	0.21	<10	60	NA	NA
Acid Weir	6-Oct-98	9:50 AM	E/D	F	F/T	<0.100	0.31	<10	56	NA	NA
	23-Jun-99	9:33 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
AC-0.2	14-Sep-99	2:02 PM	E/ST	-	F/T	NA	NA	NA	NA	NA	NA
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	F/T	<0.100	0.34	<10	76	NA	NA
	6-Oct-98	11:50 AM	OF/DS	-	F/T	<0.2	0.27	<5	72	NA	NA
ACTE-0.01	27-Aug-98	12:15 PM	E/D	F	F/T	<0.2	0.26	<5	45	NA	NA
DP Canyon											
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	F	F/T	<0.100	0.55	<10	63	NA	NA
	13-Aug-98	7:27-7:42 AM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	7:47-8:02 AM	E/ST	F	F/T	<0.2	0.26	<5	31	NA	NA
	13-Aug-98	8:07-8:22 AM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	8:02 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	8:22 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	7:47 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	7:47 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	27-Oct-98	12:50 PM	E/ST	F	F/T	<0.2	0.18	<5	26	NA	NA
	9-Jul-99	5:30 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	F	F/T	<0.100	0.30	<10	99	NA	NA
Los Alamos Canyon											
LA 5.3	4-May-99	1:45 PM	E/SM	F	F/T	<0.2	0.14	<10	37	NA	NA
LA 5.6	13-Aug-98	8:35 PM	E/ST	F	F/T	<0.2	0.35	<5	47	NA	NA
LA-6.6	27-Oct-98	1:00 PM	E/ST	F	F/T	<0.2	0.1	<5	31	NA	NA
LA-8.0	31-Aug-98	12:15 PM	E/D	-	-	NA	NA	NA	NA	NA	NA
LA-8.0	1-Sep-98	11:45 AM	E/D	F	F/T	<0.2	0.15	<5	60	NA	NA
LA-8.7	1-Sep-98	10:40 AM	E/D	F	F/T	<0.2	0.15	<10	49	NA	NA
LA-10.7	1-Sep-98	10:55 AM	E/D	F	F/T	<0.2	<0.1	<5	42	NA	NA
TA-53 Drainage	6-Aug-99	4:30 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
Pueblo Canyon											
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	F/T	<0.100	0.23	<10	68	NA	NA
	23-Jun-99	10:28 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	-	F	NA	NA	NA	NA	NA	NA
Bayo Sewage Outfall	1-Sep-98	12:17 PM	OF	-	F/T	NA	1.08	<10	140	NA	NA
PU-0.7	25-Mar-99	9:20 AM	OF/DS	-	T	NA	NA	NA	NA	NA	NA
PU-5.3	14-Sep-99	2:54 PM	E/ST	-	F/T	NA	NA	NA	NA	NA	NA
MORTANDAD CANYON & TRIBUTARIES											
Canada del Buey											
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	F/T	<0.2	0.48	<5	32	NA	NA
CDBS-0.3	20-Jul-98	10:25 AM	E/D	F	F/T	<0.2	4.1	<5	130	NA	NA
CDBSTRIB-0.01	20-Jul-98	11:00 AM	E/D	F	F/T	<0.2	0.26	<5	35	NA	NA
Effluent Canyon											
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	F	F/T	<0.2	1	<5	140	NA	NA
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	F/T	<0.2	2.5	<5	150	NA	NA
Mortandad Canyon											
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	F/T	<0.2	2.8	<5	100	NA	NA
	27-May-99	10:50 PM	OF/ST	-	-	NA	NA	NA	NA	NA	NA
PAJARITO CANYON & TRIBUTARIES											
North Anchor East Basin											
BU-0.01	22-May-98	10:49 AM	P	-	-	NA	NA	NA	NA	NA	NA
	8-Feb-99	11:46 AM	P	F	F/T	NA	<0.3	<10	75	75§	NA
	28-Jun-99	2:25 PM	P	F	F/T	0.29	0.3	1	67	68	1
	28-Jun-99	2:25 PM	P	T	-	NA	NA	NA	NA	NA	NA
BU-0.32	22-May-98	10:31 AM	P?	-	-	NA	NA	NA	NA	NA	NA
Pajarito Canyon											
PA-6.7	5-Aug-98	10:00 AM	E/D	F	F/T	<0.2	<0.1	<5	49	NA	NA
	30-Jun-99	3:25 PM	E/D	T	F/T	<0.1	<0.2	1	58	58	<1
PA-6.2	10-Mar-98	12:40 PM	E/D	-	-	NA	NA	NA	NA	NA	NA
PA-6.7	10-Mar-98	1:00 PM	E/D	-	-	NA	NA	NA	NA	NA	NA
	5-Aug-98	10:00 AM	E/D	F	F/T	<0.2	<0.1	<5	49	NA	NA
	30-Jun-99	3:25 PM	E/D	T	F/T	<0.1	<0.2	1	58	58	<1
	30-Jun-99	3:25 PM	E/D	F	-	NA	NA	NA	NA	NA	NA
PA-8.4	13-Nov-98	10:15 AM	P	-	-	NA	NA	NA	NA	NA	NA
PA-8.6	22-May-98	10:56 AM	P	-	-	NA	NA	NA	NA	NA	NA
PA-8.7	22-May-98	10:50 AM	P	-	-	NA	NA	NA	NA	NA	NA
PA-8.9	28-Jun-99	3:20 PM	P	T	F/T	<0.1	<0.2	<1	42	42	1
	28-Jun-99	3:20 PM	P	F	-	NA	NA	NA	NA	NA	NA
PA-10.6	8-Feb-99	2:00 PM	P	F	F/T	NA	<0.3	<10	34	34§	NA
(field dup)	8-Feb-99	2:00 PM	P	F	F/T	NA	NA	NA	NA	NA	NA
	29-Jun-99	12:00 PM	P	F	F/T	<0.1	<0.2	<1	37	37	1
	29-Jun-99	12:00 PM	P	T	-	NA	NA	NA	NA	NA	NA
	15-Dec-99	3:00 PM	P	F	F/T	<0.5	<0.1	<5	44	44	NA
Starmer Gulch											
ST-0.12	22-May-98	10:01 AM	P	-	-	NA	NA	NA	NA	NA	NA
Threemile Canyon											
TM-0.3	25-Jun-99	12:00 PM	E/D	F	F/T	<0.1	<0.2	<1	44	44	7
	25-Jun-99	12:00 PM	E/D	T	-	NA	NA	NA	NA	NA	NA
TM-0.33	6-Jul-98	10:20 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
TM-0.34	6-Jul-98	10:28 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
Twomile Canyon											
TW-0.01	5-Aug-98	10:10 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
POTRILLO CANYON											
Potrillo above SR-4	17-Jun-99	4:30 - 5:30 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
RIO GRANDE (WHITE ROCK CANYON)											
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	F	F/T	<0.2	0.27	<10§	120§	NA	NA
SANDIA CANYON											
SA-7.0	1-Jul-98	7:30 PM	E/ST	F	F/T	0.37	0.39	5	63	NA	NA
SCS-1	27-May-99	9:40 PM	OF/ST	T	-	NA	NA	NA	NA	NA	NA
SANTA CLARA CANYON											
SCC-1	16-Jul-98	3:30 PM	E/D	F	F/T	<0.100	0.56	<2.00	51	NA	NA
SCC-2	16-Jul-98	2:50 PM	P	F	F/T	<0.100	0.49	<2.00	44.2	NA	NA
SCC-3	16-Jul-98	1:20 PM	P	F	F/T	<0.100	0.46	<2.00	34.4	NA	NA
SCC-4	16-Jul-98	11:10 AM	P	T	F/T	<0.2	0.53	<10	25	NA	NA
	16-Jul-98	11:10 AM	P	F	F/T	<0.100	0.47	<2.00	22.6	NA	NA
WATER CANYON & TRIBUTARIES											
Canon de Valle											
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P?	F	F/T	NA	NA	NA	NA	NA	NA
	21-Dec-98	12:20 PM	P?	T	F/T	<0.100	0.13	NA	NA	NA	NA
SW AT 16-2768	17-Dec-98	11:15 AM	P?	T	F/T	0.149	0.27	NA	NA	NA	NA
	17-Dec-98	11:15 AM	P?	F	F/T	NA	NA	NA	NA	NA	NA
SW AT 16-2776	17-Dec-98	11:50 AM	E/D	F	F/T	NA	NA	NA	NA	NA	NA
	17-Dec-98	11:50 AM	E/D	T	F/T	0.185	0.28	NA	NA	NA	NA
CDV-0.8	21-Dec-98	4:20 PM	E/D	F	F/T	<0.2	0.2	NA	NA	NA	NA
260 Outfall - A05056	21-Aug-98	11:07 AM	DOF/ST	F	F/T	NA	NA	NA	NA	NA	NA
BL-0.1	21-Aug-98	10:15 AM	E/D	F	F/T	NA	NA	NA	NA	NA	NA
Mesa Top											
905 Line Pond	17-Dec-98	4:17 PM	EBW	F	F/T	NA	NA	NA	NA	NA	NA
	17-Dec-98	4:17 PM	EBW	T	F/T	<0.100	0.20	NA	NA	NA	NA
Water Canyon											
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	F/T	<0.2	0.16	<10	65	NA	NA
	13-Nov-98	9:50 AM	E/D	F	-	NA	NA	NA	NA	NA	NA
	17-Nov-99	9:55 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
WC-6.3	21-Dec-98	3:20 PM	E/SM	F	F/T	<0.2	0.17	NA	NA	NA	NA

1 - Total phosphate as phosphorus
TKN - Total Kjeldahl nitrogen
TDS - Total dissolved solids
TSS - Total suspended solids
SC - Specific conductance
NA - Not analyzed or not available
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Composite samples collected during time intervals shown.
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E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 3 - NMED DOE Oversight Bureau Surface-Water Quality Results: General Chemistry3.

STATION ID	Date	Time	Type	Cations F/T	Others F/T	OH- (mg/L)	TOTAL PHOS[1] (mg/L)	SO4 (mg/L)	NO2-NO3 as N (mg/L)	TKN (ppm)	NH3 (mg/L)
ANCHO CANYON & TRIBUTARIES											
AB-2	28-Jul-98	2:00 PM	E/ST	-	F	NA	0.43	<1	4.2	12.2	0.58
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	-	T	<5	NA	12	0.43	NA	NA
AN-2.15	10-Aug-99	1:23 PM	E/ST	-	T	<5	NA	2.1	0.37	NA	NA
LOS ALAMOS CANYON & TRIBUTARIES											
Acid Canyon											
AC-0.5	6-Oct-98	12:15 PM	E/D	F	F/T	NA	0.10	5.21	0.05	0.6	0.14
Acid Weir	6-Oct-98	9:50 AM	E/D	F	F/T	NA	0.28	4.84	0.66	0.3	0.05
	23-Jun-99	9:33 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
AC-0.2	14-Sep-99	2:02 PM	E/ST	-	F/T	NA	NA	NA	NA	NA	NA
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	F/T	NA	0.09	3.37	0.24	0.6	0.08D
	6-Oct-98	11:50 AM	OF/DS	-	F/T	NA	NA	3.4	NA	NA	NA
ACTE-0.01	27-Aug-98	12:15 PM	E/D	F	F/T	NA	0.63	2.8	<0.05	NA	<0.5
DP Canyon											
DP-0.01 (ES STA. DPS-0)	7-Jul-98	9:30 AM	E/D	F	F/T	NA	0.10	5.71	0.40	0.3	<0.03
	13-Aug-98	7:27-7:42 AM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	7:47-8:02 AM	E/ST	F	F/T	NA	NA	3.2	NA	NA	NA
	13-Aug-98	8:07-8:22 AM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	8:02 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	8:22 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	7:47 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	13-Aug-98	7:47 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
	27-Oct-98	12:50 PM	E/ST	F	F/T	NA	0.06	1.9	3.3	<2.5	<0.5
	9-Jul-99	5:30 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	F	F/T	NA	0.11D	9.51	0.21	0.5	0.17
Los Alamos Canyon											
LA 5.3	4-May-99	1:45 PM	E/SM	F	F/T	NA	0.25	5.2	1.81	<2.5§	<0.1
LA 5.6	13-Aug-98	8:35 PM	E/ST	F	F/T	NA	NA	3.9	NA	NA	NA
LA-6.6	27-Oct-98	1:00 PM	E/ST	F	F/T	NA	0.08	2.4	3.4	<2.5	<0.5
LA-8.0	31-Aug-98	12:15 PM	E/D	-	-	NA	NA	NA	NA	NA	NA
LA-8.0	1-Sep-98	11:45 AM	E/D	F	F/T	NA	0.08	4.4	<0.05	NA	<0.5
LA-8.7	1-Sep-98	10:40 AM	E/D	F	F/T	NA	0.07	4.2	<0.05	NA	<0.5
LA-10.7	1-Sep-98	10:55 AM	E/D	F	F/T	NA	0.06	2.9	<0.05	NA	<0.5
TA-53 Drainage	6-Aug-99	4:30 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
Pueblo Canyon											
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	F/T	NA	0.36	5.73	0.08	0.6	0.07D
	23-Jun-99	10:28 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	-	F	NA	NA	NA	NA	NA	NA
Bayo Sewage Outfall	1-Sep-98	12:17 PM	OF	-	F/T	NA	4.9D	24.1	2.6D	15D	11D
PU-0.7	25-Mar-99	9:20 AM	OF/DS	-	T	NA	2.80	NA	NA	NA	NA
PU-5.3	14-Sep-99	2:54 PM	E/ST	-	F/T	NA	NA	NA	NA	NA	NA
MORTANDAD CANYON & TRIBUTARIES											
Canada del Buey											
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	F/T	NA	0.07	3.2	<0.50	1.1	<0.1
CDBS-0.3	20-Jul-98	10:25 AM	E/D	F	F/T	NA	2.35	10	1.7	1.1	<0.1
CDBSTRIB-0.01	20-Jul-98	11:00 AM	E/D	F	F/T	NA	0.26	3.6	<0.50	1.3	<0.1
Effluent Canyon											
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	F	F/T	NA	0.63	1.4	<0.50	2.5	<0.5
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	F/T	NA	NA	98	NA	NA	NA
Mortandad Canyon											
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	F/T	NA	0.26	110	17	NA	2
	27-May-99	10:50 PM	OF/ST	-	-	NA	NA	NA	NA	NA	NA
PAJARITO CANYON & TRIBUTARIES											
North Anchor East Basin											
BU-0.01	22-May-98	10:49 AM	P	-	-	NA	NA	NA	NA	NA	NA
	8-Feb-99	11:06 AM	P	F	F/T	NA	0.03	11	0.71	0.2	<0.03
	28-Jun-99	2:25 PM	P	F	F/T	<1	0.06	13	0.5	<0.5	<0.05
	28-Jun-99	2:25 PM	P	T	-	NA	NA	NA	NA	NA	NA
BU-0.32	22-May-98	10:31 AM	P?	-	-	NA	NA	NA	NA	NA	NA
Pajarito Canyon											
PA-6.2	10-Mar-98	12:40 PM	E/D	-	-	NA	NA	NA	NA	NA	NA
PA-6.7	10-Mar-98	1:00 PM	E/D	-	-	NA	NA	NA	NA	NA	NA
	5-Aug-98	10:00 AM	E/D	F	F/T	NA	<0.05	5.3	<0.50	29.1	<0.5
	30-Jun-99	3:25 PM	E/D	T	F/T	<1	0.08	11	<0.1	0.9	<0.05
	30-Jun-99	3:25 PM	E/D	F	-	NA	NA	NA	NA	NA	NA
PA-8.4	13-Nov-98	10:15 AM	P	-	-	NA	NA	NA	NA	NA	NA
PA-8.6	22-May-98	10:56 AM	P	-	-	NA	NA	NA	NA	NA	NA
PA-8.7	22-May-98	10:50 AM	P	-	-	NA	NA	NA	NA	NA	NA
PA-8.9	28-Jun-99	3:20 PM	P	T	F/T	<1	0.06	8	0.1	<0.5	<0.05
	28-Jun-99	3:20 PM	P	F	-	NA	NA	NA	NA	NA	NA
PA-10.6	8-Feb-99	2:00 PM	P	F	F/T	NA	0.01	7	0.29	0.3	<0.03
(field dup)	8-Feb-99	2:00 PM	P	F	F/T	NA	NA	NA	0.3	<0.5	<0.05
	29-Jun-99	12:00 PM	P	F	F/T	<1	0.07	<5	<0.1	<0.5	<0.05
	29-Jun-99	12:00 PM	P	T	-	NA	NA	NA	NA	NA	NA
	15-Dec-99	3:00 PM	P	F	F/T	NA	0.80	<5	0.29	<0.5	<0.05
Starmer Gulch											
ST-0.12	22-May-98	10:01 AM	P	-	-	NA	NA	NA	NA	NA	NA
Threemile Canyon											
TM-0.3	25-Jun-99	12:00 PM	E/D	F	F/T	<1	<0.05	11	<0.1	<0.5	0.07
	25-Jun-99	12:00 PM	E/D	T	-	NA	NA	NA	NA	NA	NA
TM-0.33	6-Jul-98	10:20 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
TM-0.34	6-Jul-98	10:28 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
Twomile Canyon											
TW-0.01	5-Aug-98	10:10 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
POTRILLO CANYON											
Potrillo above SR-4	17-Jun-99	4:30 - 5:30 PM	E/ST	-	T	NA	NA	NA	NA	NA	NA
RIO GRANDE (WHITE ROCK CANYON)											
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	F	F/T	NA	0.16N	27	<0.50	2.7	<0.5
SANDIA CANYON											
SA-7.0	1-Jul-98	7:30 PM	E/ST	F	F/T	NA	1.97	44	1.3	<0.2	0.16
SCS-1	27-May-99	9:40 PM	OF/ST	T	-	NA	NA	NA	1.7	NA	NA
SANTA CLARA CANYON											
SCC-1	16-Jul-98	3:30 PM	E/D	F	F/T	NA	<0.004	2.24	0.02	0.3	<0.03
SCC-2	16-Jul-98	2:50 PM	P	F	F/T	NA	0.10	2.08	0.11	0.4	0.03
SCC-3	16-Jul-98	1:20 PM	P	F	F/T	NA	0.17	1.88	0.08	0.3	0.06
SCC-4	16-Jul-98	11:10 AM	P	T	F/T	NA	NA	1.3	NA	NA	NA
	16-Jul-98	11:10 AM	P	F	F/T	NA	0.10	1.28	0.09	0.1	6.88
WATER CANYON & TRIBUTARIES											
Canon de Valle											
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P?	F	F/T	NA	<0.05	NA	<0.05	NA	NA
	21-Dec-98	12:20 PM	P?	T	F/T	NA	NA	3.23	NA	NA	NA
SW AT 16-2768	17-Dec-98	11:15 AM	P?	T	F/T	NA	NA	0.78	NA	NA	NA
	17-Dec-98	11:15 AM	P?	F	F/T	NA	<0.054	NA	0.83	NA	<0.5
SW AT 16-2776	17-Dec-98	11:50 AM	E/D	F	F/T	NA	<0.05	NA	0.26	<2.5	<0.5
	17-Dec-98	11:50 AM	E/D	T	F/T	NA	NA	7.83	NA	NA	NA
CDV-0.8	21-Dec-98	4:20 PM	E/D	F	F/T	NA	NA	7.2	NA	NA	NA
260 Outfall - A05056	21-Aug-98	11:07 AM	DOF/ST	F	F/T	NA	<0.5	NA	0.51	2.9	<1
BL-0.1	21-Aug-98	10:15 AM	E/D	F	F/T	NA	<0.5	NA	4.5	5.4	<1
Mesa Top											
905 Line Pond	17-Dec-98	4:17 PM	EBW	F	F/T	NA	<0.05	NA	0.053	NA	NA
	17-Dec-98	4:17 PM	EBW	T	F/T	NA	NA	1.76	NA	NA	NA
Water Canyon											
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	F/T	NA	0.06	5.2	NA	NA	<0.5
	13-Nov-98	9:50 AM	E/D	F	-	NA	NA	NA	NA	NA	NA
	17-Nov-99	9:55 AM	E/D	-	-	NA	NA	NA	NA	NA	NA
WC-6.3	21-Dec-98	3:20 PM	E/SM	F	F/T	NA	NA	5.1	NA	NA	NA

1 - Total phosphate as phosphorus
TKN - Total Kjeldahl nitrogen
TDS - Total dissolved solids
TSS - Total suspended solids
SC - Specific conductance
NA - Not analyzed or not available
dO - Dissolved oxygen
** - results may be inaccurate due to error in data entry or results were switched with another.
Composite samples collected during time intervals shown.
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
s.u. - Standard Units
C - Degrees Celsius
ppm - Parts Per Million
uS/cm - Micro Siemens Per Centimeter
B - Analyte found in blank.
d - Dilution
D - Compounds identified in an analysis at a secondary dilution factor.
N - Matrix spike recovery outside the acceptance limits.
A post-digestion spike was performed to evaluate matrix effect.
§ - Holding Times Broken

TSL - Determined by separating the sediment from the aqueous phase in the samples by centrifugation.
After separation, the sediment was transferred into a tared pyrex beaker and dried in an oven at 100 degrees C.
The oven dry weight of the sediment was calculated by difference.

Surface Water Types

EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 5 - NMED DOE Oversight Bureau Surface-Water Quality Results: General Chemistry5.

STATION ID	Date	Time	Type	Cations F/T	Others F/T	Field pH (S.U.)	Field SC (uS/cm)	Field TDS (ppm)	Field Temp. (°C)	Field DO (mg/L)
ANCHO CANYON & TRIBUTARIES										
AB-2	28-Jul-98	2:00 PM	E/ST	-	F	NA	NA	NA	NA	NA
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	-	T	NA	NA	NA	NA	NA
AN-2.15	10-Aug-99	1:23 PM	E/ST	-	T	NA	NA	NA	NA	NA
LOS ALAMOS CANYON & TRIBUTARIES										
Acid Canyon										
AC-0.5	6-Oct-98	12:15 PM	E/D	F	F/T	7.09	115	70	8.4	NA
Acid Weir	6-Oct-98	9:50 AM	E/D	F	F/T	6.31	250	148	10.7	NA
	23-Jun-99	9:33 AM	E/D	-	-	6.09	451	200	8.6	NA
AC-0.2	14-Sep-99	2:02 PM	E/ST	-	F/T	NA	NA	NA	NA	NA
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	F/T	7.76	152	92	14.2	NA
	6-Oct-98	11:50 AM	OF/DS	-	F/T	7.76	152	92	14.2	NA
ACTE-0.01	27-Aug-98	12:15 PM	E/D	F	F/T	NA	101	101	NA	NA
DP Canyon										
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	F	F/T	NA	NA	NA	NA	NA
	13-Aug-98	7:27-7:42 AM	E/ST	-	T	NA	NA	NA	NA	NA
	13-Aug-98	7:47-8:02 AM	E/ST	F	F/T	NA	NA	NA	NA	NA
	13-Aug-98	8:07-8:22 AM	E/ST	-	T	NA	NA	NA	NA	NA
	13-Aug-98	8:02 PM	E/ST	-	T	NA	NA	NA	NA	NA
	13-Aug-98	8:22 PM	E/ST	-	T	NA	NA	NA	NA	NA
	13-Aug-98	7:47 PM	E/ST	-	T	NA	NA	NA	NA	NA
	13-Aug-98	7:47 PM	E/ST	-	T	NA	NA	NA	NA	NA
	27-Oct-98	12:50 PM	E/ST	F	F/T	6.50	56	33	9.3	NA
	9-Jul-99	5:30 PM	E/ST	-	T	NA	NA	NA	NA	NA
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	F	F/T	NA	NA	NA	NA	NA
Los Alamos Canyon										
LA 5.3	4-May-99	1:45 PM	E/SM	F	F/T	7.93	168	101	15.2	8.0
LA 5.6	13-Aug-98	8:35 PM	E/ST	F	F/T	NA	NA	NA	NA	NA
LA-6.6	27-Oct-98	1:00 PM	E/ST	F	F/T	6.32	80.1	48	9.4	NA
LA-8.0	31-Aug-98	12:15 PM	E/D	-	-	7.59	227	133	19.8	NA
LA-8.0	1-Sep-98	11:45 AM	E/D	F	F/T	7.52	238	141	17.9	7.5
LA-8.7	1-Sep-98	10:40 AM	E/D	F	F/T	7.60	201	119	15	7.6
LA-10.7	1-Sep-98	10:55 AM	E/D	F	F/T	6.39	111	66	14.4	7.9
TA-53 Drainage	6-Aug-99	4:30 PM	E/ST	-	T	NA	NA	NA	NA	NA
Pueblo Canyon										
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	F/T	6.86	192	112	9.7	NA
	23-Jun-99	10:28 AM	E/D	-	-	6.93	323	196	14	NA
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	-	F	NA	NA	NA	NA	NA
Bayo Sewage Outfall	1-Sep-98	12:17 PM	OF	-	F/T	NA	NA	NA	NA	NA
PU-0.7	25-Mar-99	9:20 AM	OF/DS	-	T	6.24	522	313	8.8	NA
PU-5.3	14-Sep-99	2:54 PM	E/ST	-	F/T	NA	NA	NA	NA	NA
MORTANDAD CANYON & TRIBUTARIES										
Canada del Buey										
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	F/T	5.99	95	55	18.7	NA
CDBS-0.3	20-Jul-98	10:25 AM	E/D	F	F/T	8.00	486	283	24.8	NA
CDBSTRIB-0.01	20-Jul-98	11:00 AM	E/D	F	F/T	6.90	105	62	30.0	NA
Effluent Canyon										
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	F	F/T	6.91	259	151	16	6.4
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	F/T	NA	NA	NA	NA	NA
Mortandad Canyon										
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	F/T	NA	NA	NA	NA	NA
	27-May-99	10:50 PM	OF/ST	-	-	NA	283	169	12.9	NA
PAJARITO CANYON & TRIBUTARIES										
North Anchor East Basin										
BU-0.01	22-May-98	10:49 AM	P	-	-	NA	191	111	9	NA
	8-Feb-99	11:46 AM	P	F	F/T	7.31	NA	NA	NA	NA
	28-Jun-99	2:25 PM	P	F	F/T	7.73	183	110	18.7	NA
	28-Jun-99	2:25 PM	P	T	-	NA	NA	NA	NA	NA
BU-0.32	22-May-98	10:31 AM	P?	-	-	NA	177	102	9.8	NA
Pajarito Canyon										
PA-6.2	10-Mar-98	12:40 PM	E/D	-	-	7.13	146	84	2.3	NA
PA-6.7	10-Mar-98	1:00 PM	E/D	-	-	7	153	88	0.5	NA
	5-Aug-98	10:00 AM	E/D	F	F/T	7.69	145	85	12.8	NA
	30-Jun-99	3:25 PM	E/D	T	F/T	7.37	140.4	84	20.9	NA
	30-Jun-99	3:25 PM	E/D	F	-	7.37	140.4	84	20.9	NA
PA-8.4	13-Nov-98	10:15 AM	P	-	-	7.23	153	NA	3.2	NA
PA-8.6	22-May-98	10:56 AM	P	-	-	NA	99	57	9.1	NA
PA-8.7	22-May-98	10:50 AM	P	-	-	NA	83	49	9.1	NA
PA-8.9	28-Jun-99	3:20 PM	P	T	F/T	7.76	111	66	17.7	NA
	28-Jun-99	3:20 PM	P	F	-	NA	NA	NA	NA	NA
PA-10.6	8-Feb-99	2:00 PM	P	F	F/T	7.22	60	36	1.3	NA
(field dup)	8-Feb-99	2:00 PM	P	F	F/T	NA	NA	NA	NA	NA
	29-Jun-99	12:00 PM	P	F	F/T	7.32	70.2	42	14.5	NA
	29-Jun-99	12:00 PM	P	T	-	NA	NA	NA	NA	NA
	15-Dec-99	3:00 PM	P	F	F/T	NA	72	NA	1.0	NA
Starmer Gulch										
ST-0.12	22-May-98	10:01 AM	P	-	-	NA	81	47	9.2	NA
Threemile Canyon										
TM-0.3	25-Jun-99	12:00 PM	E/D	F	F/T	6.85	167	NA	14.7	NA
	25-Jun-99	12:00 PM	E/D	T	-	NA	NA	NA	NA	NA
TM-0.33	6-Jul-98	10:20 AM	E/D	-	-	5.97	154	90	12.4	NA
TM-0.34	6-Jul-98	10:28 AM	E/D	-	-	6.00	157	92	10.9	NA
Twomile Canyon										
TW-0.01	5-Aug-98	10:10 AM	E/D	-	-	7.06	142	83	14.4	NA
POTRILLO CANYON										
Potrillo above SR-4	17-Jun-99	4:30 - 5:30 PM	E/ST	-	T	NA	NA	NA	NA	NA
RIO GRANDE (WHITE ROCK CANYON)										
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	F	F/T	7.87	217	NA	16.1	NA
SANDIA CANYON										
SA-7.0	1-Jul-98	7:30 PM	E/ST	F	F/T	NA	NA	NA	NA	NA
SCS-1	27-May-99	9:40 PM	OF/ST	T	-	NA	626	373	17.8	NA
SANTA CLARA CANYON										
SCC-1	16-Jul-98	3:30 PM	E/D	F	F/T	8.57	97.7	57	28	NA
SCC-2	16-Jul-98	2:50 PM	P	F	F/T	7.99	86.4	50	23.1	NA
SCC-3	16-Jul-98	1:20 PM	P	F	F/T	7.50	71.2	17.7	17.5	NA
SCC-4	16-Jul-98	11:10 AM	P	T	F/T	7.14	50.1	29	11.3	NA
	16-Jul-98	11:10 AM	P	F	F/T	NA	NA	NA	NA	NA
WATER CANYON & TRIBUTARIES										
Canon de Valle										
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P?	F	F/T	NA	NA	NA	NA	NA
	21-Dec-98	12:20 PM	P?	T	F/T	NA	NA	NA	NA	NA
SW AT 16-2768	17-Dec-98	11:15 AM	P?	T	F/T	7.80	228	139	0.3	10.8
	17-Dec-98	11:15 AM	P?	F	F/T	NA	NA	NA	NA	NA
SW AT 16-2776	17-Dec-98	11:50 AM	E/D	F	F/T	6.71	215	131	0.8	10.3
	17-Dec-98	11:50 AM	E/D	T	F/T	NA	NA	NA	NA	NA
CDV-0.8	21-Dec-98	4:20 PM	E/D	F	F/T	NA	NA	NA	NA	NA
260 Outfall - A05056	21-Aug-98	11:07 AM	DOF/ST	F	F/T	7.64	173	101	15.9	NA
BL-0.1	21-Aug-98	10:15 AM	E/D	F	F/T	8.38	153	89	17.6	NA
Mesa Top										
905 Line Pond	17-Dec-98	4:17 PM	EBW	F	F/T	NA	NA	NA	NA	NA
	17-Dec-98	4:17 PM	EBW	T	F/T	NA	NA	NA	NA	NA
Water Canyon										
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	F/T	6.61	152.5	93	5.5	NA
	13-Nov-98	9:50 AM	E/D	F	-	NA	NA	NA	NA	NA
	17-Nov-99	9:55 AM	E/D	-	-	NA	153	92	6	NA
WC-6.3	21-Dec-98	3:20 PM	E/SM	F	F/T	NA	NA	NA	NA	NA

1 - Total phosphate as phosphorus
TKN - Total Kjeldahl nitrogen
TDS - Total dissolved solids
TSS - Total suspended solids
SC - Specific conductance
NA - Not analyzed or not available
dO - Dissolved oxygen
** - results may be inaccurate due to error in data entry or results were switched with another.
Composite samples collected during time intervals shown.
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
s.u. - Standard Units
C - Degrees Celsius
ppm - Parts Per Million
uS/cm - Micro Siemens Per Centimeter
B - Analyte found in blank.
d - Dilution
D - Compounds identified in an analysis at a secondary dilution factor.
N - Matrix spike recovery outside the acceptance limits.
A post-digestion spike was performed to evaluate matrix effect.
§ - Holding Times Broken

TSL - Determined by separating the sediment from the aqueous phase in the samples by centrifugation.
After separation, the sediment was transferred into a tared pyrex beaker and dried in an oven at 100 degrees C.
The oven dry weight of the sediment was calculated by difference.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.

Table 6 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Trace Metals1

STATION ID	Date	Time	Type	F/T	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)
ANCHO CANYON & TRIBUTARIES												
AB-2	28-Jul-98	2:00 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	28-Jul-98	2:00 PM	E/ST	F	<0.01	3.1	<0.01	0.1^	NA	<0.005	<0.005	<0.01
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	T	<0.01	NA	0.067	NA	4.4	NA	0.0058	0.14
	10-Aug-99	12:57 PM	E/ST	F	<0.01	0.15	<0.003	NA	0.58	NA	<0.005	<0.01
AN-2.15	10-Aug-99	1:23 PM	E/ST	T	<0.01	NA	0.018	NA	1.3	NA	<0.005	0.049
	10-Aug-99	1:23 PM	E/ST	F	<0.01	0.14	<0.003	NA	0.86	NA	<0.005	<0.01
LOS ALAMOS CANYON & TRIBUTARIES												
Acid Canyon												
AC-0.5	6-Oct-98	12:15 PM	E/D	F	<0.0005	<0.1	<0.01	<0.05	0.038	<0.001	<0.001	<0.05
Acid Weir	6-Oct-98	9:50 AM	E/D	F	<0.0005	0.3	0.01	<0.05	0.032	<0.001	<0.001	<0.05
	23-Jun-99	9:33 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA
AC-0.2	14-Sep-99	2:02 PM	E/ST	T	<0.01	NA	NA	NA	NA	NA	NA	0.1
	14-Sep-99	2:02 PM	E/ST	F	<0.01	NA	<0.1	NA	NA	NA	<0.005	<0.01
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	<0.0005	<0.1	<0.01	<0.05	0.029	<0.001	<0.001	<0.05
ACTE-0.01	27-Aug-98	12:15 PM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA
	27-Aug-98	12:15 PM	E/D	F	<0.01	0.7	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
DP Canyon												
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	T	NA	NA	NA	<0.05	NA	NA	NA	NA
	7-Jul-98	9:30 AM	E/D	F	NA	NA	NA	<0.05	0.049	NA	NA	NA
	13-Aug-98	8:02 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	13-Aug-98	7:47-8:02 AM	E/ST	F	<0.01	0.2M	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
	27-Oct-98	12:50 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	27-Oct-98	12:50 PM	E/ST	F	<0.01	0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
	9-Jul-99	5:30 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	T	NA	NA	NA	<0.05	NA	NA	NA	NA
	7-Jul-98	11:30 AM	E/D	F	NA	NA	NA	<0.05	0.071	NA	NA	NA
Los Alamos Canyon												
LA 5.3	4-May-99	1:45 PM	E/SM	T	<0.01	NA	<0.01	NA	<0.1	<0.005	<0.005	<0.01
	4-May-99	1:45 PM	E/SM	F	NA	0.4	<0.01	<0.1	<0.1	NA	NA	NA
LA 5.6	13-Aug-98	8:35 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	13-Aug-98	8:35 PM	E/ST	F	<0.01	0.4M	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
LA-6.6	27-Oct-98	1:00 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	27-Oct-98	1:00 PM	E/ST	F	<0.01	0.5	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
LA-8.0	1-Sep-98	11:45 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA
	1-Sep-98	11:45 AM	E/D	F	<0.01	<0.02	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
LA-8.7	1-Sep-98	10:40 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA
	1-Sep-98	10:40 AM	E/D	F	<0.01	0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
LA-10.7	1-Sep-98	10:55 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA
	1-Sep-98	10:55 AM	E/D	F	<0.01	0.3	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
TA-53 drainage	6-Aug-99	4:30 PM	E/ST	F	<0.01	NA	0.055	NA	2.1	NA	<0.005	0.13
Pueblo Canyon												
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	<0.0005	1.8	<0.01	<0.05	0.031	<0.001	<0.001	<0.05
	23-Jun-99	10:20 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	F	<0.0005	0.2B	0.02B	0.36	0.028	<0.001	<0.001	<0.05
PU-5.3	14-Sep-99	2:54 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	14-Sep-99	2:54 PM	E/ST	T	<0.01	NA	NA	NA	NA	NA	NA	0.12
	14-Sep-99	2:54 PM	E/ST	F	<0.01	NA	<0.1	NA	NA	NA	<0.005	<0.01
MORTANDAD CANYON & TRIBUTARIES												
Canada del Buey												
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	<0.01	2.1	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
TA-46 SWSC Outfall - 13S	7-Oct-99	8:45	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	9:15 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
(field dup)	14-Jul-99	9:15 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	9:15 AM	OF	F	NA	NA	NA	NA	NA	NA	NA	NA
Effluent Canyon												
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	<0.01	0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
	14-Jul-99	11:14 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	11:14 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	11:14 AM	OF	F	NA	NA	NA	NA	NA	NA	NA	NA
	7-Oct-99	2:10 PM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
Mortandad Canyon												
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	NA	NA	NA	<0.1	<0.1	<0.005	NA	<0.01
	27-May-99	10:50 PM	OF/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
PAJARITO CANYON & TRIBUTARIES												
North Anchor East Basin												
BU 0.01	8-Feb-99	11:45 AM	P	F	NA	0.2	NA	<0.05	0.061	NA	NA	NA
	28-Jun-99	2:25 PM	P	T	<0.0005	0.50	<0.06M	NA	0.060	<0.006M	<0.001	<0.05
	28-Jun-99	2:25 PM	P	F	NA	0.72	NA	0.80	0.062	NA	NA	NA
Pajarito Canyon												
PA-6.7	5-Aug-98	10:00 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA
	5-Aug-98	10:00 AM	E/D	F	<0.01	0.5	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
	28-Jun-99	3:25 PM	E/D	T	<0.0005	0.57	<0.05M	NA	0.022	<0.005M	<0.001	<0.05
	28-Jun-99	3:25 PM	E/D	F	NA	0.80	NA	<0.05	0.052	NA	NA	NA
	28-Jun-99	3:25 PM	E/D	F	NA	NA	NA	<0.1	NA	NA	NA	NA
PA-8.9	28-Jun-99	3:20 PM	P	T	<0.0005	1.3	<0.01	NA	0.047	<0.005M	<0.001	<0.05
	28-Jun-99	3:20 PM	P	F	NA	0.62	NA	<0.05	0.041	NA	NA	NA
PA-10.6	8-Feb-99	2:00 PM	P	F	NA	0.4	NA	<0.05	0.022	NA	NA	NA
(field dup)	8-Feb-99	2:00 PM	P	F	NA	0.75	NA	<0.01	<0.022	NA	NA	NA
	29-Jun-99	12:00 PM	P	T	<0.0005	1.2	<0.01	NA	0.032	<0.005M	<0.001	<0.05
	29-Jun-99	12:00 PM	P	F	NA	0.52	NA	<0.05	0.026	NA	NA	NA
	15-Dec-99	3:00 PM	P	F	NA	0.164	NA	NA	NA	NA	NA	NA
Threemile Canyon												
TM-0.3	25-Jun-99	12:00 PM	E/D	T	<0.0005	3.2	<0.07M	NA	0.077	<0.007M	<0.001	<0.05
	25-Jun-99	12:00 PM	E/D	F	NA	0.54	NA	<0.05	0.069	NA	NA	NA
POTRILLO CANYON												
Potrillo above SR-4	17-Jun-99	3:30 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	17-Jun-99	3:30 PM	E/ST	F	<0.0005	NA	NA	NA	0.016	<0.002M	<0.002M	<0.05
	17-Jun-99	4:30 - 5:30 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	17-Jun-99	4:30 - 5:30 PM	E/ST	F	NA	NA	NA	NA	NA	NA	NA	NA
RIO GRANDE (WHITE ROCK CANYON)												

Table 6 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Trace Metals1

STATION ID	Date	Time	Type	F/T	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Cr (mg/L)
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	30-Sep-98	7:30 AM	P/ST	F	<0.01	<0.2	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
SANDIA CANYON												
SA-7.0	1-Jul-98	7:30 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
	1-Jul-98	7:30 PM	E/ST	F	<0.01	0.3	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
TA-3 Outfall - 01A001	14-Jul-99	10:13 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	10:13 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	10:13 AM	OF	F	NA	NA	NA	NA	NA	NA	NA	NA
	7-Oct-99	9:10 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA
SCS-1	27-May-99	9:40 PM	OF/ST	T	NA	NA	NA	NA	NA	NA	NA	NA
SANTA CLARA CANYON												
SCC-1	16-Jul-98	3:30 PM	E/D	T	NA	NA	NA	NA	NA	NA	NA	<0.002
	16-Jul-98	3:30 PM	E/D	F	NA	NA	NA	<0.1	NA	NA	NA	NA
	16-Jul-98	3:30 PM	E/D	F	<0.005	0.38	0.04B	NA	0.030	<0.001	<0.001	NA
SCC-2	16-Jul-98	2:50 PM	P	T	NA	NA	NA	NA	NA	NA	NA	<0.002
	16-Jul-98	2:50 PM	P	F	<0.005	0.4	0.02B	NA	0.023	<0.001	<0.001	NA
	16-Jul-98	2:50 PM	P	F	NA	NA	NA	<0.1	NA	NA	NA	NA
SCC-3	16-Jul-98	1:20 PM	P	T	NA	NA	NA	NA	NA	NA	NA	<0.002
	16-Jul-98	1:20 PM	P	F	<0.005	0.37	<0.01	NA	0.012	<0.001	<0.001	NA
	16-Jul-98	1:20 PM	P	F	NA	NA	NA	<0.1	NA	NA	NA	NA
SCC-4	16-Jul-98	11:10 AM	P	T	NA	NA	NA	NA	NA	NA	NA	NA
	16-Jul-98	11:10 AM	P	F	<0.005	0.5	0.02B	NA	0.006	<0.001	<0.002B	0.001
	16-Jul-98	11:10 AM	P	F	NA	NA	NA	<0.1	NA	NA	NA	NA
WATER CANYON & TRIBUTARIES												
Canon de Valle												
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P?	T	<0.0005	0.9B	<0.01	<0.05	0.025	<0.001	<0.001	<0.05
	21-Dec-98	12:20 PM	P?	F	<0.01	0.3	<0.01	<0.1	<0.1	<0.005	<0.005	<0.01
SW AT 16-2768	17-Dec-98	11:15 AM	P?	F	<0.01	<0.2	<0.01	<0.1	2.1	<0.005	<0.005	<0.01
	17-Dec-98	11:15 AM	P?	T	<0.0005	1.2B	<0.01	<0.05	2.2	<0.001	<0.001	<0.05
SW AT 16-2776	17-Dec-98	11:50 AM	E/D	T	<0.0005	0.5B	<0.01	<0.05	<0.002M	<0.002M	<0.001	<0.05
	17-Dec-98	11:50 AM	E/D	F	<0.01	<0.2	<0.01	<0.1	4.5	<0.005	<0.005	<0.01
CDV-0.8	21-Dec-98	4:20 PM	E/D	T	<0.01	1.6	<0.01	<0.1	0.6	<0.005	<0.005	<0.01
TA-16 260 Outfall - A05056	21-Aug-98	11:07 AM	DOF/ST	F	<0.01	<0.2	<0.01	<0.1	1.8	<0.005	<0.005	<0.01
BL-0.1	21-Aug-98	10:15 AM	E/D	F	<0.01	0.5	<0.01	0.1	29^^	<0.005	<0.005	<0.01
Mesa Top												
90S Line Pond	17-Dec-98	4:17 PM	EBW	F	<0.01	<0.2	<0.01	<0.1	1.8	<0.005	<0.005	<0.01
Water Canyon												
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	<0.01	5.8	<0.01	<0.1	0.3	<0.005	<0.005	<0.01
	13-Nov-98	9:50 AM	E/D	F	<0.01	3.4	<0.01	<0.1	0.2	<0.005	<0.005	<0.01
WC-6.3	21-Dec-98	3:20 PM	E/SM	T	<0.01	2.0	<0.01	<0.1	0.5	<0.005	<0.005	<0.01

Composite samples collected during time intervals shown.
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
B - Analyte found in blank.
d - Dilution
D - Compounds identified in an analysis at a secondary dilution factor.
M - Matrix interferences or Matrix spike recovery outside the acceptance limits.
A post-digestion spike was performed to evaluate matrix effect.
T - Serial dilution results suggest possible physical or chemical interference(s).
§ - Holding Times Broken
^ - Duplicate precision not within control limits.
^^ - Dilution required due to analyte concentration. Detection limit raised.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deferred or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 7 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Trace Metals2.

STATION ID	Date	Time	Type	F/T	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Hg (mg/L)	Li (mg/L)	Mn (mg/L)	Mo (mg/L)	Ni (mg/L)
ANCHO CANYON & TRIBUTARIES												
AB-2	28-Jul-98	2:00 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	28-Jul-98	2:00 PM	E/ST	F	<0.01	<0.01	NA	NA	NA	NA	NA	<0.02
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	10-Aug-99	12:57 PM	E/ST	F	NA	NA	NA	NA	NA	NA	NA	NA
AN-2.15	10-Aug-99	1:23 PM	E/ST	T	NA	NA	NA	0.0002	NA	NA	NA	NA
	10-Aug-99	1:23 PM	E/ST	F	NA	NA	NA	NA	NA	NA	NA	NA
LOS ALAMOS CANYON & TRIBUTARIES												
Acid Canyon												
AC-0.5	6-Oct-98	12:15 PM	E/D	F	<0.001	<0.02	<0.1	NA	0.005	<0.003	<0.01	<0.005
Acid Weir	6-Oct-98	9:50 AM	E/D	F	<0.001	<0.02	0.1	NA	0.008	0.004	<0.01	<0.005
	23-Jun-99	9:33 AM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
AC-0.2	14-Sep-99	2:02 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	14-Sep-99	2:02 PM	E/ST	F	NA	NA	NA	<0.0002	NA	NA	NA	NA
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	<0.001	<0.02	<0.02	NA	0.015	<0.003	<0.01	<0.005
ACTE-0.01	27-Aug-98	12:15 PM	E/D	T	NA	NA	NA	<0.0002§	NA	NA	NA	NA
	27-Aug-98	12:15 PM	E/D	F	<0.01	<0.01	0.6	NA	<0.01	<0.01	<0.01	<0.02
DP Canyon												
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	7-Jul-98	9:30 AM	E/D	F	NA	NA	0.03B	NA	NA	NA	NA	NA
	13-Aug-98	7:47-8:02 AM	E/ST	F	<0.01	<0.01	0.2M	<0.0002§	<0.01	<0.01	<0.01	<0.02
	13-Aug-98	8:02 PM	E/ST	T	NA	NA	NA	<0.0002§	NA	NA	NA	NA
	27-Oct-98	12:50 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	27-Oct-98	12:50 PM	E/ST	F	<0.01	<0.01	0.1	NA	<0.01	<0.01	<0.01	<0.02
	9-Jul-99	5:30 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	7-Jul-98	11:30 AM	E/D	F	NA	NA	<0.01	NA	NA	NA	NA	NA
Los Alamos Canyon												
LA 5.3	4-May-99	1:45 PM	E/SM	T	<0.01	<0.01	NA	<0.0002	NA	NA	NA	NA
	4-May-99	1:45 PM	E/SM	F	NA	NA	0.18	NA	NA	<0.01	NA	NA
LA 5.6	13-Aug-98	8:35 PM	E/ST	T	NA	NA	NA	<0.0002§	NA	NA	NA	NA
	13-Aug-98	8:35 PM	E/ST	F	<0.01	<0.01	0.2M	<0.0002§	<0.01	<0.01	<0.01	<0.02
LA-6.6	27-Oct-98	1:00 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	27-Oct-98	1:00 PM	E/ST	F	<0.01	<0.01	0.3	NA	<0.01	<0.01	<0.01	<0.02
LA-8.0	1-Sep-98	11:45 AM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	1-Sep-98	11:45 AM	E/D	F	<0.01	<0.01	<0.1	NA	<0.01	<0.01	<0.01	<0.02
LA-8.7	1-Sep-98	10:40 AM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	1-Sep-98	10:40 AM	E/D	F	<0.01	<0.01	0.1	NA	<0.01	<0.01	<0.01	<0.02
LA-10.7	1-Sep-98	10:55 AM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	1-Sep-98	10:55 AM	E/D	F	<0.01	<0.01	0.1	NA	<0.01	<0.01	<0.01	<0.02
TA-53 drainage	6-Aug-99	4:30 PM	E/ST	F	NA	NA	NA	0.00045	NA	NA	NA	NA
Pueblo Canyon												
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	<0.001	<0.02	0.9	NA	<0.005	0.026	<0.01	<0.005
	23-Jun-99	10:28 AM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	F	0.007	<0.02	0.8	NA	0.023	0.33	<0.01	0.010
PU-5.3	14-Sep-99	2:54 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	14-Sep-99	2:54 PM	E/ST	T	NA	NA	NA	0.00063	NA	NA	NA	NA
	14-Sep-99	2:54 PM	E/ST	F	NA	NA	NA	<0.0002	NA	NA	NA	NA
MORTANDAD CANYON & TRIBUTARIES												
Canada del Buey												
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	<0.01	0.01	1.3	<0.0002	0.01D	<0.01	0.13	<0.02
TA-46 SWSC Outfall - 13S	7-Oct-99	8:45	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	14-Jul-99	9:15 AM	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
(field dup)	14-Jul-99	9:15 AM	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	14-Jul-99	9:15 AM	OF	F	NA	NA	NA	<0.0002	NA	NA	NA	NA
Effluent Canyon												
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	<0.01	0.11	0.1	NA	0.13	<0.01	0.08	0.04
	14-Jul-99	11:14 AM	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	14-Jul-99	11:14 AM	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	14-Jul-99	11:14 AM	OF	F	NA	NA	NA	<0.0002	NA	NA	NA	NA
	7-Oct-99	2:10 PM	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
Mortandad Canyon												
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	<0.01	0.10	<0.1	NA	NA	<0.01	NA	NA
	27-May-99	10:50 PM	OF/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
PAJARITO CANYON & TRIBUTARIES												
North Anchor East Basin												
BU 0.01	8-Feb-99	11:46 AM	P	F	NA	NA	<0.1	NA	0.006	<0.003	NA	NA
	28-Jun-99	2:25 PM	P	T	<0.001	<0.02	0.24	NA	NA	0.014	NA	<0.005
	28-Jun-99	2:25 PM	P	F	NA	<0.02	0.10	NA	0.006	0.0046	<0.01	NA
Pajarito Canyon												
PA-6.7	5-Aug-98	10:00 AM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	5-Aug-98	10:00 AM	E/D	F	<0.01	<0.01	0.3	NA	<0.01	<0.01	<0.01	<0.02
	28-Jun-99	3:25 PM	E/D	T	<0.005^^	<0.02	0.16	NA	NA	<0.003	NA	<0.005
	28-Jun-99	3:25 PM	E/D	F	NA	<0.02	0.28	NA	<0.005	0.008	<0.01	NA
	28-Jun-99	3:25 PM	E/D	F	NA	NA	NA	NA	NA	NA	NA	NA
PA-8.9	28-Jun-99	3:20 PM	P	T	<0.001	<0.02	0.60	NA	NA	0.017	NA	<0.005
	28-Jun-99	3:20 PM	P	F	NA	<0.02	0.14	NA	<0.005	0.0091	<0.01	NA
PA-10.6	8-Feb-99	2:00 PM	P	F	NA	NA	<0.1	NA	<0.005	<0.003	NA	NA
(field dup)	8-Feb-99	2:00 PM	P	F	NA	NA	0.44	NA	<0.1	<0.005	NA	NA
	29-Jun-99	12:00 PM	P	T	<0.002^^	0.029	0.30	NA	NA	0.0093	NA	<0.005
	29-Jun-99	12:00 PM	P	F		<0.02	<0.1	NA	<0.005	<0.003	<0.01	NA
	15-Dec-99	3:00 PM	P	F	NA	NA	0.062	NA	NA	<0.01	NA	NA
Threemile Canyon												
TM-0.3	25-Jun-99	12:00 PM	E/D	T	<0.001	<0.02	1.6	NA	NA	0.012	NA	<0.005
	25-Jun-99	12:00 PM	E/D	F	NA	<0.02	0.16	NA	<0.005	0.0046	<0.01	NA
POTRILLO CANYON												
Potrillo above SR-4	17-Jun-99	3:30 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	17-Jun-99	3:30 PM	E/ST	F	NA	<0.02		<0.0002	NA	0.004	NA	NA
	17-Jun-99	4:30 - 5:30 PM	E/ST	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	17-Jun-99	4:30 - 5:30 PM	E/ST	F	NA	NA	NA	<0.0002	NA	NA	NA	NA
RIO GRANDE (WHITE ROCK CANYON)												
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	F	<0.01	<0.01	<0.003	NA	0.01†	<0.01†	<0.01	<0.02
	30-Sep-98	7:30 AM	P/ST	T	NA	NA	NA	0.0004	NA	NA	NA	NA
SANDIA CANYON												
SA-7.0	1-Jul-98	7:30 PM	E/ST	T	NA	NA	NA	0.0009	NA	NA	NA	NA
	1-Jul-98	7:30 PM	E/ST	F	<0.01	<0.01	0.3	NA	0.01	<0.01	0.06	<0.02
TA-3 Outfall - 01A001	14-Jul-99	10:13 AM	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	14-Jul-99	10:13 AM	OF	F	NA	NA	NA	<0.0002	NA	NA	NA	NA
	14-Jul-99	10:13 AM	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	7-Oct-99	9:10 AM	OF	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
SCS-1	27-May-99	9:40 PM	OF/ST	T	NA	NA	NA	0.0003	NA	NA	NA	NA
SANTA CLARA CANYON												
SCC-1	16-Jul-98	3:30 PM	E/D	F	NA	NA	NA	NA	NA	NA	NA	NA
	16-Jul-98	3:30 PM	E/D	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	16-Jul-98	3:30 PM	E/D	F	<0.001	0.013B	0.06	NA	0.019	0.006	<0.01	<0.005
SCC-2	16-Jul-98	2:50 PM	P	F	NA	NA	NA	NA	NA	NA	NA	NA
	16-Jul-98	2:50 PM	P	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	16-Jul-98	2:50 PM	P	F	<0.001	0.013B	0.14	NA	0.019	0.017	<0.01	<0.005
SCC-3	16-Jul-98	1:20 PM	P	F	NA	NA	NA	NA	NA	NA	NA	NA
	16-Jul-98	1:20 PM	P	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	16-Jul-98	1:20 PM	P	F	<0.001	0.011B	0.21	NA	0.019	0.20	<0.01	0.009
SCC-4	16-Jul-98	11:10 AM	P	F	NA	NA	NA	NA	NA	NA	NA	NA
	16-Jul-98	11:10 AM	P	T	NA	NA	NA	<0.0002	NA	NA	NA	NA
	16-Jul-98	11:10 AM	P	F	<0.001	0.011B	0.09	NA	0.016	0.007	<0.01	<0.02
WATER CANYON & TRIBUTARIES												
Canon de Valle												
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P?	F	<0.01	<0.01	0.1	NA	<0.01	<0.01	<0.01	<0.02
	21-Dec-98	12:20 PM	P?	T	<0.001	<0.02	0.3	<0.0002	<0.005	0.005	<0.01	<0.005
SW AT 16-2768	17-Dec-98	11:15 AM	P?	T	<0.001	<0.02	0.6	<0.0002	0.006	0.068	<0.01	<0.005
	17-Dec-98	11:15 AM	P?	F	<0.01	<0.01	<0.1	NA	<0.01	0.06	<0.01	<0.02
SW AT 16-2776	17-Dec-98	11:50 AM	E/D	F	<0.01	<0.01	<0.1	NA	<0.01	<0.01	<0.01	<0.02
	17-Dec-98	11:50 AM	E/D	T	<0.001	<0.02	0.2	<0.0002	0.005	<0.003	<0.01	<0.005
CDV-0.8	21-Dec-98	4:20 PM	E/D	T	<0.01	0.01	0.9	NA	<0.01	0.01	<0.01	<0.02
TA-16 260 Outfall - A05056	21-Aug-98	11:07 AM	DOF/ST	F	<0.01	<0.01	0.1	<0.0002	<0.01	<0.01	<0.01	<0.02
BL-0.1	21-Aug-98	10:15 AM	E/D	F	<0.05^^^	<0.01	0.3	<0.0002	0.01	<0.01	<0.01	<0.02
Mesa Top												
90S Line Pond	17-Dec-98	4:17 PM	EBW	F	<0.01	<0.01	0.3	NA	<0.01	0.15	<0.01	<0.02
Water Canyon												
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	<0.01	<0.01	3.6	<0.0002	0.01	0.02	<0.01	<0.02
	13-Nov-98	9:50 AM	E/D	F	<0.01	<0.01	2.2	NA	<0.01	0.01	<0.01	<0.02
WC-6.3	21-Dec-98	3:20 PM	E/SM	T	0.01	<0.01	1.2	NA	<0.01	0.04	<0.01	<0.02

Composite samples collected during time intervals shown.
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
B - Analyte found in blank.
d - Dilution
D - Compounds identified in an analysis at a secondary dilution factor.
M - Matrix interferences or Matrix spike recovery outside the acceptance limits.
A post-digestion spike was performed to evaluate matrix effect.
† - Serial dilution results suggest possible physical or chemical interference(s).
§ - Holding Times Broken
^ - Duplicate precision not within control limits.
^^ - Dilution required due to analyte concentration. Detection limit raised.
^^^ - Detection limit raised. Sample diluted to reduce matrix interferences.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 8 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Trace Metals3.

STATION ID	Date	Time	Type	F/T	Pb (mg/L)	Sb (mg/L)	Se (mg/L)	Si (mg/L)	Sn (mg/L)	Sr (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
ANCHO CANYON & TRIBUTARIES													
AB-2	28-Jul-98	2:00 PM	E/ST	T	NA	NA	0.007	NA	NA	NA	NA	NA	NA
	28-Jul-98	2:00 PM	E/ST	F	<0.003	NA	NA	NA	NA	NA	NA	<0.01	<0.02
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	T	0.92	NA	<0.02	NA	NA	NA	NA	NA	NA
	10-Aug-99	12:57 PM	E/ST	F	0.0045	NA	<0.005	NA	NA	NA	NA	NA	NA
AN-2.15	10-Aug-99	1:23 PM	E/ST	T	0.10	NA	0.02	NA	NA	NA	NA	NA	NA
	10-Aug-99	1:23 PM	E/ST	F	<0.002	NA	<0.005	NA	NA	NA	NA	NA	NA
LOS ALAMOS CANYON & TRIBUTARIES													
Acid Canyon													
AC-0.5	6-Oct-98	12:15 PM	E/D	F	<0.005	<0.01	<0.02	6.2	<0.30	0.06	<0.02	<0.01	<0.02
Acid Weir	6-Oct-98	9:50 AM	E/D	F	<0.005	<0.01	<0.02	9.4	<0.30	0.07	<0.02	<0.008	<0.002
	23-Jun-99	9:33 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
AC-0.2	14-Sep-99	2:02 PM	E/ST	T	0.19	NA	NA	NA	NA	NA	NA	NA	NA
	14-Sep-99	2:02 PM	E/ST	F	<0.05	NA	NA	NA	NA	NA	NA	NA	NA
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	<0.005	<0.01	<0.02	31.0	<0.30	0.07	<0.02	<0.01	<0.02
ACTE-0.01	27-Aug-98	12:15 PM	E/D	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	27-Aug-98	12:15 PM	E/D	F	<0.003	<0.02	NA	12	<0.02	0.07	<0.01	<0.01	<0.02
DP Canyon													
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	T	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
	7-Jul-98	9:30 AM	E/D	F	NA	NA	NA	NA	NA	NA	NA	NA	0.008
	13-Aug-98	8:02 PM	E/ST	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	13-Aug-98	7:47-8:02 AM	E/ST	F	<0.003	<0.2	<0.005	3.1M	<0.02	0.05	<0.01	<0.01	<0.02
	27-Oct-98	12:50 PM	E/ST	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	27-Oct-98	12:50 PM	E/ST	F	<0.003	<0.2	NA	2.4M	<0.02	0.3	<0.01	<0.01	<0.02
	9-Jul-99	5:30 PM	E/ST	T	NA	NA	0.0056	NA	NA	NA	NA	NA	NA
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Jul-98	11:30 AM	E/D	F	<0.005	NA	NA	NA	NA	NA	NA	NA	0.017
Los Alamos Canyon													
LA 5.3	4-May-99	1:45 PM	E/SM	T	0.0059	NA	<0.005	NA	NA	NA	NA	NA	NA
	4-May-99	1:45 PM	E/SM	F	NA	NA	NA	15	NA	0.068	NA	NA	NA
LA 5.6	13-Aug-98	8:35 PM	E/ST	T	NA	NA	0.005	NA	NA	NA	NA	NA	NA
	13-Aug-98	8:35 PM	E/ST	F	<0.003	<0.2	<0.005	4.7M	<0.02	0.05	<0.01	<0.01	<0.02
LA-6.6	27-Oct-98	1:00 PM	E/ST	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	27-Oct-98	1:00 PM	E/ST	F	<0.003	<0.02	NA	5.9M	<0.02	0.03	<0.01	<0.01	<0.02
LA-8.0	1-Sep-98	11:45 AM	E/D	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	1-Sep-98	11:45 AM	E/D	F	<0.003	<0.02	NA	17	<0.02	0.09	<0.01	<0.01	<0.02
LA-8.7	1-Sep-98	10:40 AM	E/D	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	1-Sep-98	10:40 AM	E/D	F	<0.003	<0.02	NA	17	<0.02	0.07	<0.01	<0.01	<0.02
LA-10.7	1-Sep-98	10:55 AM	E/D	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	1-Sep-98	10:55 AM	E/D	F	<0.003	<0.02	NA	16	<0.02	0.07	<0.01	<0.01	<0.02
TA-53 drainage	6-Aug-99	4:30 PM	E/ST	F	0.85	NA	0.012	NA	NA	NA	NA	NA	NA
Pueblo Canyon													
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	<0.005	<0.01	<0.02	12.6	<0.30	0.06	<0.02	<0.01	<0.02
	23-Jun-99	10:28 AM	E/D	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	F	<0.005	<0.01	<0.02	36.4	<0.3	0.09	<0.02	0.01	0.02
PU-5.3	14-Sep-99	2:54 PM	E/ST	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Sep-99	2:54 PM	E/ST	T	0.54	NA	NA	NA	NA	NA	NA	NA	NA
	14-Sep-99	2:54 PM	E/ST	F	<0.05	NA	NA	NA	NA	NA	NA	NA	NA
MORTANDAD CANYON & TRIBUTARIES													
Canada del Buey													
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	<0.003	<0.02	<0.005D	17	<0.02	0.05	<0.01	<0.01	0.02
TA-46 SWSC Outfall - 13S	7-Oct-99	8:45	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	9:15 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
(field dup)	14-Jul-99	9:15 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	9:15 AM	OF	F	NA	NA	NA	NA	NA	NA	NA	NA	NA
Effluent Canyon													
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	<0.003	<0.02	NA	15	<0.02	0.05	<0.01	<0.01	<0.02
	14-Jul-99	11:14 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	11:14 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	11:14 AM	OF	F	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Oct-99	2:10 PM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mortandad Canyon													
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	<0.003	NA	NA	14	NA	0.07	<0.01	<0.01	<0.02
	27-May-99	10:50 PM	OF/ST	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAJARITO CANYON & TRIBUTARIES													
North Anchor East Basin													
BU 0.01	8-Feb-99	11:46 AM	P	F	NA	NA	NA	NA	NA	NA	NA	NA	NA
	28-Jun-99	2:25 PM	P	T	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	28-Jun-99	2:25 PM	P	F	NA	NA	NA	17.2	NA	0.10	NA	NA	NA
Pajarito Canyon													
PA-6.7	5-Aug-98	10:00 AM	E/D	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	5-Aug-98	10:00 AM	E/D	F	<0.003	<0.02	NA	14	<0.02	0.08	<0.01	<0.01	<0.02
	28-Jun-99	3:25 PM	E/D	T	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	28-Jun-99	3:25 PM	E/D	F	NA	NA	NA	15.1	NA	0.08	NA	NA	NA
	28-Jun-99	3:25 PM	E/D	F	NA	NA	NA	NA	NA	NA	NA	NA	NA
PA-8.9	28-Jun-99	3:20 PM	P	T	<0.005	<0.01	<0.02	NA	NA	NA	<0.02	<0.01	<0.02
	28-Jun-99	3:20 PM	P	F	NA	NA	NA	14.3	NA	0.07	NA	NA	NA
PA-10.6	8-Feb-99	2:00 PM	P	F	NA	NA	NA	NA	NA	NA	NA	NA	NA
(field dup)	8-Feb-99	2:00 PM	P	F	NA	NA	NA	16.8	NA	0.06	NA	NA	NA
	29-Jun-99	12:00 PM	P	T	<0.01M	<0.02M	<0.02	14.9	NA	0.058	<0.02	<0.01	<0.02
	29-Jun-99	12:00 PM	P	F	NA	NA	NA	14.6	NA	0.06	NA	NA	NA
	15-Dec-99	3:00 PM	P	F	NA	NA	NA	23.2	NA	0.046	NA	NA	NA
Threemile Canyon													
TM-0.3	25-Jun-99	12:00 PM	E/D	T	<0.005	<0.01	<0.02	NA	NA	NA	<0.1M	<0.01	0.084
	25-Jun-99	12:00 PM	E/D	F	NA	NA	NA	12.3	NA	0.08	NA	NA	NA
POTRILLO CANYON													
Potrillo above SR-4	17-Jun-99	3:30 PM	E/ST	T	NA	NA	<0.02	NA	NA	NA	NA	NA	NA
	17-Jun-99	3:30 PM	E/ST	F	<0.005	<0.01	<0.02	NA	NA	NA	NA	NA	NA
	17-Jun-99	4:30 - 5:30 PM	E/ST	T	NA	NA	<0.02	NA	NA	NA	NA	NA	NA
	17-Jun-99	4:30 - 5:30 PM	E/ST	F	NA	NA	<0.02	NA	NA	NA	NA	NA	NA
RIO GRANDE (WHITE ROCK CANYON)													
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	T	NA	NA	0.010	NA	NA	NA	NA	NA	NA
	30-Sep-98	7:30 AM	P/ST	F	<0.003	<0.02	<0.005	7.4	<0.02	0.34	<0.01	<0.01	<0.02
SANDIA CANYON													
SA-7.0	1-Jul-98	7:30 PM	E/ST	T	NA	NA	<0.005	NA	NA	NA	NA	NA	NA
	1-Jul-98	7:30 PM	E/ST	F	<0.003	<0.02	NA	12	<0.02	0.06	<0.01	<0.01	<0.02
TA-3 Outfall - 01A001	14-Jul-99	10:13 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	10:13 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Jul-99	10:13 AM	OF	F	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Oct-99	9:10 AM	OF	T	NA	NA	NA	NA	NA	NA	NA	NA	NA
SCS-1	27-May-99	9:40 PM	OF/ST	T	NA	NA	<0.02	NA	NA	NA	NA	NA	NA
SANTA CLARA CANYON													
SCC-1	16-Jul-98	3:30 PM	E/D	T	NA	NA	<0.02	NA	NA	NA	NA	NA	NA
	16-Jul-98	3:30 PM	E/D	F	NA	NA	NA	24	NA	0.05	NA	NA	NA
	16-Jul-98	3:30 PM	E/D	F	<0.005	<0.01	NA	NA	<0.3	NA	<0.02	<0.01	<0.004
SCC-2	16-Jul-98	2:50 PM	P	T	NA	NA	<0.02	NA	NA	NA	NA	NA	NA
	16-Jul-98	2:50 PM	P	F	NA	NA	NA	23	NA	0.04	NA	NA	NA
	16-Jul-98	2:50 PM	P	F	<0.005	<0.01	NA	NA	<0.3	NA	<0.02	<0.01	0.008
SCC-3	16-Jul-98	1:20 PM	P	T	NA	NA	<0.02	NA	NA	NA	NA	NA	NA
	16-Jul-98	1:20 PM	P	F	NA	NA	NA	23	NA	0.02	NA	NA	NA
	16-Jul-98	1:20 PM	P	F	<0.005	<0.01	NA	NA	<0.3	NA	0.03	<0.01	0.017
SCC-4	16-Jul-98	11:10 AM	P	T	NA	NA	<0.02	NA	NA	NA	NA	NA	NA
	16-Jul-98	11:10 AM	P	F	NA	NA	NA	20	NA	0.01	NA	NA	NA
	16-Jul-98	11:10 AM	P	F	<0.005	0.02	NA	NA	<0.3	NA	<0.02	<0.01	0.014
WATER CANYON & TRIBUTARIES													
Canon de Valle													
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P?	T	<0.005	<0.01	<0.02	13.9	<0.1	0.05	<0.02	<0.01	<0.02
	21-Dec-98	12:20 PM	P?	F	<0.003	<0.02	<0.005	13	<0.02	0.05	<0.01	<0.01	<0.02
SW AT 16-2768	17-Dec-98	11:15 AM	P?	T	<0.005	<0.01	<0.02	22.1	<0.1	0.13	<0.02	<0.01	<0.02
	17-Dec-98	11:15 AM	P?	F	<0.003	<0.02	<0.005	20	<0.02	0.13	<0.01	<0.01	<0.02
SW AT 16-2776	17-Dec-98	11:50 AM	E/D	T	<0.005	<0.01	<0.02	17.8	<0.1	0.14	<0.02	<0.01	<0.02
	17-Dec-98	11:50 AM	E/D	F	<0.003	<0.02	<0.005	17	<0.02	0.14	<0.01	<0.01	<0.02
CDV-0.8	21-Dec-98	4:20 PM	E/D	T	<0.003	<0.02	<0.005	19	<0.02	0.08	<0.01	<0.01	<0.02
TA-16 260 Outfall - A05056	21-Aug-98	11:07 AM	DOF/ST	F	<0.003	<0.02	<0.005	9	<0.02	0.13	<0.01	<0.01	<0.02
BL-0.1	21-Aug-98	10:15 AM	E/D	F	<0.003	<0.02	<0.005	23	<0.02	0.18	<0.01	<0.01	<0.02
Mesa Top													
90S Line Pond	17-Dec-98	4:17 PM	EBW	F	<0.003	<0.02	<0.005	7	<0.02	0.08	<0.01	<0.01	<0.02
Water Canyon													
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	<0.003	<0.02	<0.005	38M	<0.02	0.07	<0.02	<0.01	<0.02
	13-Nov-98	9:50 AM	E/D	F	<0.003	<0.02	NA	30M	<0.02	0.07	<0.02	<0.01	<0.02
WC-6.3	21-Dec-98	3:20 PM	E/SM	T	<0.003	<0.02	<0.005	21	<0.02	0.09	<0.01	<0.01	<0.02

Composite samples collected during time intervals shown.
T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
B - Analyte found in blank.
d - Dilution
D - Compounds identified in an analysis at a secondary dilution factor.
M - Matrix interferences or Matrix spike recovery outside the acceptance limits.
A post-digestion spike was performed to evaluate matrix effect.
† - Serial dilution results suggest possible physical or chemical interference(s).
§ - Holding Times Broken
^ - Duplicate precision not within control limits.
^^ - Dilution required due to analyte concentration. Detection limit raised.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 9 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Radionuclides1.

STATION ID	Date	Time	Type	F/T	H3 (pCi/L)	UNC/DL	90Sr (pCi/L)	UNC/DL	U (ug/L)	UNC/DL	234U (pCi/L)	UNC/DL	235U (pCi/L)	UNC/DL	238U (pCi/L)	UNC/DL
ANCHO CANYON & TRIBUTARIES																
AB-2	28-Jul-98	2:00 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	BDL	NP/33	NA	-
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	F	NA	-	1.5	1.3/2	NA	-	0.28	0.37/0.5	-0.12	0.22/0.5	0.16	0.33/0.5
	10-Aug-99	12:57 PM	E/ST	T	NA	-	1.0	1.4/2	NA	-	23	2.3/0.5	3.2	0.89/0.5	36	2.8/0.5
AN-2.15	10-Aug-99	1:23 PM	E/ST	F	NA	-	3.0	1.4/2	NA	-	0.21	0.38/0.5	-0.13	0.28/0.5	0.32	0.41/0.5
	10-Aug-99	1:23 PM	E/ST	T	NA	-	0.74	1.4/3	NA	-	5.8	1.2/0.6	-0.030	0.37/0.6	5.6	1.2/0.6
LOS ALAMOS CANYON & TRIBUTARIES																
Acid Canyon																
AC-0.5	6-Oct-98	12:15 PM	E/D	F	NA	-	<0.23	NP/0.23	NA	-	0.112	0.059/0.065	0.039	0.038/0.059	0.046	0.040/0.059
Acid Weir	6-Oct-98	9:50 AM	E/D	F	NA	-	6.1	1.1/0.2	NA	-	0.232	0.079/0.040	0.008	0.021/0.040	0.096	0.051/0.049
	23-Jun-99	9:33 AM	E/D	T	99	26/13	6.4	1.2/0.36	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	9:33 AM	E/D	F	NA	-	6.8	1.3/0.32	NA	-	NA	-	NA	-	NA	-
AC-0.2	14-Sep-99	2:02 PM	E/ST	T	NA	-	0.12	1.3/2	NA	-	NA	-	NA	-	NA	-
	14-Sep-99	2:02 PM	E/ST	F	NA	-	-1.8	1.8/3	NA	-	NA	-	NA	-	NA	-
ACST-0.01	6-Oct-98	11:50 AM	OF	F	NA	-	0.27	0.13/0.2	NA	-	1.53	0.24/0.040	0.066	0.035/0.028	0.52	0.11/0.013
ACTE-0.01	27-Aug-98	12:15 PM	E/D	T	NA	-	<0.40	NP/0.40	NA	-	0.231	0.094/0.079	<0.008	0.032/0.079	0.154	0.073/0.049
DP Canyon																
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	T	127	64.2/105	31.2	1.7/1.2	2.6	-	NA	-	NA	-	NA	-
	7-Jul-98	9:30 AM	E/D	F	NA	-	25.7	4.7/NP	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:27-7:42 AM	E/ST	T	45	69/110	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:27-7:42 AM	E/ST	F	NA	-	14.3	2.7/NP	NA	-	0.090(LT)	0.047/NP	0.042(LT)	0.03/NP	0.027	0.026/NP
	13-Aug-98	7:47-8:02 AM	E/ST	T	32	69/110	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:47-8:02 AM	E/ST	F	NA	-	9.1	1.8/NP	NA	-	0.057(LT)	0.036/NP	0.000	0.016/NP	0.030	0.026/NP
	13-Aug-98	8:07-8:22 AM	E/ST	T	22	69/110	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:07-8:22 AM	E/ST	F	NA	-	9.3	1.8/NP	NA	-	0.054(LT)	0.035/NP	0.014	0.021/NP	0.004	0.016/NP
	13-Aug-98	8:02 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:22 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:47 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-Oct-98	12:50 PM	E/ST	F	NA	-	6.0	1.2/NP	NA	-	0.099LT	0.050/0.056	0.029	0.029/0.049	0.075LT	0.044/0.052
	27-Oct-98	12:50 PM	E/ST	T	NA	-	7.8	1.5/NP	NA	-	NA	-	NA	-	NA	-
	9-Jul-99	5:30 PM	E/ST	T	NA	-	15.4	1.2/0.58	NA	-	NA	-	NA	-	NA	-
	9-Jul-99	5:30 PM	E/ST	F	NA	-	5.9	2.2/0.21	NA	-	NA	-	NA	-	NA	-
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	T	136	64.3/105	15.4	1.2/1.2	2.0	-	NA	-	NA	-	NA	-
	7-Jul-98	11:30 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Los Alamos Canyon																
LA 5.3	4-May-99	1:45 PM	E/SM	F	NA	-	-0.1	0.24/0.42	NA	-	NA	-	NA	-	NA	-
LA 5.6	13-Aug-98	8:35 PM	E/ST	T	35	69/110	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:35 PM	E/ST	F	NA	-	6.7	1.4/NP	NA	-	NA	-	NA	-	NA	-
LA-6.6	27-Oct-98	1:00 PM	E/ST	F	NA	-	<0.41	NP/0.41	NA	-	0.154LT	0.062/0.056	0.012	0.026/0.059	0.114LT	0.052/0.040
	27-Oct-98	1:00 PM	E/ST	T	NA	-	NA	-	NA	-	0.56	0.13/0.053	0.027	0.032/0.060	0.46	0.12/0.057
LA-8.0	1-Sep-98	11:45 AM	E/D	T	NA	-	<0.55	NP/0.55	NA	-	0.054	0.037/0.042	0.023	0.023/0.017	<0.002	0.019/0.052
LA-8.7	1-Sep-98	10:40 AM	E/D	F	NA	-	<0.57	NP/0.57	NA	-	0.072	0.044/0.051	0.051	0.037/0.047	0.053	0.037/0.041
LA-10.7	1-Sep-98	10:55 AM	E/D	F	NA	-	<0.56	NP/0.56	NA	-	0.033	0.027/0.017	<-0.002	0.019/0.057	<0.01	0.020/0.045
TA-53 Drainage	6-Aug-99	4:30 PM	E/ST	T	NA	-	0.50	0.40/0.62	NA	-	0.49	0.12/0.060	0.266	0.084/0.043	0.50	0.12/0.036
Pueblo Canyon																
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	NA	-	0.26	0.17/0.26	NA	-	0.099	0.063/0.080	0.034	0.049/0.092	0.038	0.040/0.063
	23-Jun-99	10:28 AM	E/D	T	96	26/13	0.21	0.21/0.34	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	10:28 AM	E/D	F	NA	-	0.17	0.25/0.41	NA	-	NA	-	NA	-	NA	-
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Bayo Sewage Outfall	1-Sep-98	12:17 PM	OFS	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PU-5.3	14-Sep-99	2:54 PM	E/ST	T	NA	-	1.4	1.5/3	NA	-	NA	-	NA	-	NA	-
	14-Sep-99	2:54 PM	E/ST	F	NA	-	-0.78	1.6/2	NA	-	NA	-	NA	-	NA	-
MORTANDAD CANYON & TRIBUTARIES																
Canada del Buey																
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	NA	-	NA	-	NA	-	0.29	0.10/0.058	<0.016	0.034/0.077	0.175LT	0.077/0.058
	20-Jul-98	10:45 AM	E/D	T	NA	-	NA	-	NA	-	0.31	0.13/0.11	<0.019	0.050/0.12	0.21	0.11/0.083
CDBS-0.3	20-Jul-98	10:25 AM	E/D	F	NA	-	NA	-	NA	-	0.159LT	0.067/0.049	<0	0.022/0.064	0.243	0.083/0.021
	20-Jul-98	10:25 AM	E/D	T	NA	-	NA	-	NA	-	0.200	0.087/0.029	<0.016	0.033/0.076	0.120LT	0.069/0.067
CDBSTRIB-0.01	20-Jul-98	11:00 AM	E/D	F	NA	-	NA	-	NA	-	0.53	0.13/0.050	<0.019	0.028/0.056	0.162LT	0.067/0.022
	20-Jul-98	11:00 AM	E/D	T	NA	-	NA	-	NA	-	0.95	0.24/0.090	<0.075	0.065/0.090	0.41	0.15/0.075
Effluent Canyon																
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	F	-4.56	96/160	<0.61	NP/0.61	0.39	0.06/0.10	0.168LT	0.080/0.085	-0.002	0.026/0.064	0.144LT	0.070/0.057
	19-Aug-98	10:05 AM	OF/ST	T	-20.53	87/140	NA	-	NA	-	NA	-	NA	-	NA	-
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	NA	-	14.7	2.7/NP	NA	-	1.03	0.20/0.065	<0.034	0.035/0.061	1.10	0.21/0.061
Mortandad Canyon																
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	4640	630/260	12.0	2.2/NP	NA	-	0.67	0.14/0.049	<0.041	0.034/0.049	0.72	0.15/0.049
	27-May-99	10:50 PM	OF/ST	T	2641	179/89	13.5	2.5/0.37	NA	-	NA	-	NA	-	NA	-
	27-May-99	10:50 PM	OF/ST	F	NA	-	13.9	2.6/0.62	NA	-	NA	-	NA	-	NA	-
PAJARITO CANYON & TRIBUTARIES																
North Anchor East Basin																
BU-0.01	28-Jun-99	2:25 PM	P	T	NA	-	NA	-	<20	-	0.4	0.3/0.3	0.1	0.1/0.3	0.3	0.3/0.3
Pajarito Canyon																
PA-6.7	5-Aug-98	10:00 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	30-Jun-99	3:25 PM	E/D	T	NA	-	NA	-	<20.0	-	<0.2	0.1 / 0.2	<0.2	0.1 / 0.2	0.1	0.1 / 0.2
PA-8.9	28-Jun-99	3:20 PM	P	T	NA	-	NA	-	<20	-	0.4	0.3/0.2	ND	0.1/0.2	0.1	0.2/0.2
PA-10.6	29-Jun-99	12:00 PM	P	T	NA	-	NA	-	<20	-	0.1	0.2/0.2	0.1	0.1/0.2	ND	0.1/0.2
Threemile Canyon																
TM-0.3	25-Jun-99	12:00 PM	E/D	T	NA	-	NA	-	<20	-	0.1	0.1/0.2	ND	0.1/0.2	0.2	0.2/0.2
POTRILLO CANYON																
Potrillo above SR-4	17-Jun-99	4:30 - 5:30 PM	E/ST	F	NA	-	NA	-	NA	-	0.021	0.053/0.12	0.032	0.032/0.028	0.029	0.043/0.087
RIO GRANDE (WHITE ROCK CANYON)																
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	T	NA	-	0.46	0.28/NP	NA	-	NA	-	NA	-	NA	-
SANDIA CANYON																
SA-7.0	1-Jul-98	7:30 PM	E/ST	T	NA	-	NA	-	0.30	0.05/0.10	NA	-	NA	-	NA	-
SCS-1	27-May-99	9:40 PM	OF/ST	T	45	20/10	NA	-	NA	-	NA	-	NA	-	NA	-
SANTA CLARA CANYON																
SCC-2	16-Jul-98	2:50 PM	P	T	NA	-	<0.51	NP/0.51	NA	-	NA	-	NA	-	NA	-
WATER CANYON & TRIBUTARIES																
Canon de Valle																
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P	T	41.6	19.2/9.6	NA	-	NA	-	NA	-	NA	-	NA	-
	21-Dec-98	12:20 PM	P	T	35	NP/8	NA	-	NA	-	NA	-	NA	-	NA	-
260 Outfall - A05056	21-Aug-98	11:07 AM	OFS	T	NA	-	NA	-	0.33	0.05/0.1	NA	-	NA	-	NA	-
BL-0.1	21-Aug-98	10:15 AM	E/D	T	NA	-	NA	-	0.73	0.12/0.10	NA	-	NA	-	NA	-
Mesa Top																
90S Line Pond	17-Dec-98	4:17 PM	EBW	T	252.8	19.2/9.6	NA	-	NA	-	NA	-	NA	-	NA	-
(field dup)	17-Dec-98	4:17 PM	EBW	T	259	NP/8	NA	-	NA	-	NA	-	NA	-	NA	-
Water Canyon																
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	NA	-	NA	-	0.42	0.07/0.10	NA	-	NA	-	NA	-

T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
* - Composite samples collected during times shown
LT - Result is less than requested MDC, greater than sample specific MDC.
DL - Detection limit/minimum detectable concentration.
< - Symbol indicates that the constituent was not detected above the detection limit/minimum detectable concentration.
NA - Not analyzed
UNC - 2 sigma uncertainty.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 10 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Radionuclides2.

STATION ID	Date	Time	Type	F/T	227Ac (pCi/L)	UNC/DL	238Pu (pCi/L)	UNC/DL	239/24 0Pu (pCi/L)	UNC/DL	241 Am (pCi/L)	UNC/DL	237 Np (pCi/L)	UNC/DL	Gross Alpha (pCi/L)	UNC/DL	Gross Beta (pCi/L)	UNC/DL
ANCHO CANYON & TRIBUTARIES																		
AB-2	28-Jul-98	2:00 PM	E/ST	T	NA	-	NA	-	NA	-	BDL	NP/38	NA	-	8.0	1.5/1.3	13.5	2.0/2.0
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	2200	390/300	1400	220/300
	10-Aug-99	12:57 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	3.0	2.2/3	3.5	2.3/4
AN-2.15	10-Aug-99	1:23 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	310	81/80	330	57/80
	10-Aug-99	1:23 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	3.9	2.1/3	3.4	2.2/4
LOS ALAMOS CANYON & TRIBUTARIES																		
Acid Canyon																		
AC-0.5	6-Oct-98	12:15 PM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	<1.2	NP/1.2	2.40	0.97/NP
Acid Weir	6-Oct-98	9:50 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	9:33 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	9:33 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
AC-0.2	14-Sep-99	2:02 PM	E/ST	T	NA	-	0.047	0.28/0.5	14	1.1/0.4	1.2	0.36/0.3	NA	-	NA	-	NA	-
	14-Sep-99	2:02 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	7.7	2.6/3	13	2.6/4
ACST-0.01	6-Oct-98	11:50 AM	OF	F	NA	-	NA	-	NA	-	NA	-	NA	-	2.15	0.65/NP	3.84	0.94/NP
ACTE-0.01	27-Aug-98	12:15 PM	E/D	T	NA	-	<0.031	0.032/0.052	<0.025	0.026/0.041	0.062LT	0.040/0.052	NA	-	2.3	1.3/NP	5.3	2.0/NP
DP Canyon																		
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	T	BDL	0.5/1.2	NA	-	NA	-	NA	-	NA	-	0.5	05./08	71.0	1.3/0.7
	7-Jul-98	9:30 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:27-7:42 AM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:27-7:42 AM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	1.24	0.68/NP	47.4	4.9/NP
	13-Aug-98	7:47-8:02 AM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:47-8:02 AM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	1.62	0.64/NP	33.2	3.5/NP
	13-Aug-98	8:07-8:22 AM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:07-8:22 AM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	1.21	0.55/NP	29.5	3.1/NP
	13-Aug-98	8:02 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	49.1	6.3/NP	109	12/NP
	13-Aug-98	8:22 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	1.28	0.54/NP	29.8	3.2/NP
	13-Aug-98	7:47 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	0.97	0.52/NP	32.5	3.4/NP
	27-Oct-98	12:50 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-Oct-98	12:50 PM	E/ST	F	NA	-	-0.003	0.032/0.08	0.035	0.0260/.032	0.140	0.054/0.016	0.01	0.02/0.04	<1.1	NP/1.1	19.6	2.5/NP
	9-Jul-99	5:30 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	148	18/7.2	161	17/8.5
	9-Jul-99	5:30 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	0.45	0.53/0.88	16.6	1.9/1.3
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	T	0.6	0.5/1.2	NA	-	NA	-	NA	-	NA	-	1.6	1.1/1.8	44.2	1.3/1.1
	7-Jul-98	11:30 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	<1.8	NP/1.8	46.7	5.3/NP
Los Alamos Canyon																		
LA 5.3	4-May-99	1:45 PM	E/SM	F	NA	-	NA	-	NA	-	NA	-	NA	-	1.04	0.51/NP	4.66	0.85/NP
LA 5.6	13-Aug-98	8:35 PM	E/ST	T	NA	-	0.012	0.021/0.045	0.090	0.042/0.032	NA	-	NA	-	152	20/NP	231	25/NP
	13-Aug-98	8:35 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	1.76	0.6/NP	25.9	2.8/NP
LA-6.6	27-Oct-98	1:00 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-Oct-98	1:00 PM	E/ST	F	NA	-	-0.019	0.020/0.071	0.060	0.040/0.058	0.012	0.038/0.085	-0.01	0.02/0.05	1.86	0.79/NP	4.5	1.5/NP
LA-8.0	1-Sep-98	11:45 AM	E/D	T	NA	-	<0.002	0.014/0.029	<0.026	0.020/0.029	<-0.006	0.039/0.076	NA	-	<2.7	NP/2.7	6.5	2.1/NP
LA-8.7	1-Sep-98	10:40 AM	E/D	F	NA	-	<0.02	0.036/0.063	0.035LT	0.021/0.024	<-0.003	0.021/0.045	NA	-	<2.6	NP/2.6	4.2	2.0/NP
LA-10.7	1-Sep-98	10:55 AM	E/D	F	NA	-	0.041LT	0.027/0.037	0.043LT	0.023/0.023	0.028LT	0.020/0.023	NA	-	<2.0	NP/2.0	BDL	NP/2.8
TA-53 Drainage	6-Aug-99	4:30 PM	E/ST	T	NA	-	-0.002	0.031/0.051	0.006	0.031/0.060	0.025	0.028/0.025	NA	-	770	99/53	872	95/48
Pueblo Canyon																		
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	10:28 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	10:28 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	T	BDL	0.4/1.1	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Bayo Sewage Outfall	1-Sep-98	12:17 PM	OFS	F	0.3	0.5/1.1	NA	-	NA	-	NA	-	NA	-	<2.2	1.2/2.2	14.2	1.3/1.7
PU-5.3	14-Sep-99	2:54 PM	E/ST	T	NA	-	0.098	0.17/0.3	12	0.94/0.3	0.82	0.31/0.3	NA	-	NA	-	NA	-
	14-Sep-99	2:54 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	11	3.3/3	12	2.8/4
MORTANDAD CANYON & TRIBUTARIES																		
Canada del Buey																		
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	3.87	0.94/NP	5.4	1.2/NP
	20-Jul-98	10:45 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	5.7	1.7/NP	5.8	1.8/NP
CDBS-0.3	20-Jul-98	10:25 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	<2.1	NP/2.1	12.9	2.2/NP
	20-Jul-98	10:25 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	<2.2	NP/2.2	13.0	2.1/NP
CDBSTRIB-0.01	20-Jul-98	11:00 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	8.0	1.6/NP	12.9	1.8/NP
	20-Jul-98	11:00 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	5.2	1.7/NP	8.5	2.0/NP
Effluent Canyon																		
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	19-Aug-98	10:05 AM	OF/ST	F	NA	-	-0.006	0.013/0.029	0.012	0.015/0.023	0.041LT	0.024/0.011	NA	-	<1.9	NP/1.9	4.1	1.5/NP
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	NA	-	216	25/0.035	72.7	8.5/0.016	58.7	6.9/0.042	NA	-	160	17/NP	391	39/NP
Mortandad Canyon																		
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	NA	-	10.7	1.3/0.037	2.96	0.38/0.30	4.24	0.54/0.030	NA	-	20.9	2.9/NP	479	48/NP
	27-May-99	10:50 PM	OF/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-May-99	10:50 PM	OF/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PAJARITO CANYON & TRIBUTARIES																		
North Anchor East Basin																		
BU-0.01	28-Jun-99	2:25 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	0.7	0.6/1.0	4.4	0.6/0.9
Pajarito Canyon																		
PA-6.7	5-Aug-98	10:00 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	<2.1	NP/2.1	5.1	2.0/3.0
	30-Jun-99	3:25 PM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	<0.9	0.5/ 0.9	4.6	0.7 /1.0
PA-8.9	28-Jun-99	3:20 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	<0.7	0.5/0.7	3.3	0.5/0.9
PA-10.6	29-Jun-99	12:00 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	0.4	0.4/0.6	1.9	0.4/0.7
Threemile Canyon																		
TM-0.3	25-Jun-99	12:00 PM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	0.2	0.5/0.9	4.2	0.6/0.9
POTRILLO CANYON																		
Potrillo above SR-4	17-Jun-99	4:30 - 5:30 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	1.13	0.50/0.76	3.02	0.80/1.2
RIO GRANDE (WHITE ROCK CANYON)																		
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SANDIA CANYON																		
SA-7.0	1-Jul-98	7:30 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	13.0	3.0/NP	10.9	2.2/NP
SCS-1	27-May-99	9:40 PM	OF/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SANTA CLARA CANYON																		
SCC-2	16-Jul-98	2:50 PM	P	T	NA	-	0.013U	0.019/NP	-0.003U	0.015/NP	0.005U	0.022/NP	NA	-	NA	-	NA	-
WATER CANYON & TRIBUTARIES																		
Canon de Valle																		
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	21-Dec-98	12:20 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
260 Outfall - A05056	21-Aug-98	11:07 AM	OFS	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
BL-0.1	21-Aug-98	10:15 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Mesa Top																		
90S Line Pond	17-Dec-98	4:17 PM	EBW	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
(field dup)	17-Dec-98	4:17 PM	EBW	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Water Canyon																		
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-

T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
* - Composite samples collected during times shown
LT - Result is less than requested MDC, greater than sample specific MDC.
DL - Detection limit/minimum detectable concentration.
< - Symbol indicates that the constituent was not detected above the detection limit/minimum detectable concentration.
NA - Not analyzed
UNC - 2 sigma uncertainty.
Tritium results derived from an unfiltered and unpreserved sample.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 11 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Radionuclides3.

STATION ID	Date	Time	Type	F/T	242Cm (pCi/L)	UNC/DL	243/244Cm (pCi/L)	UNC/DL	245/246Cm (pCi/L)	UNC/DL	228Th (pCi/L)	UNC/DL	230Th (pCi/L)	UNC/DL	232Th (pCi/L)	UNC/DL
ANCHO CANYON & TRIBUTARIES																
AB-2	28-Jul-98	2:00 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	10-Aug-99	12:57 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
AN-2.15	10-Aug-99	1:23 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	10-Aug-99	1:23 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LOS ALAMOS CANYON & TRIBUTARIES																
Acid Canyon																
AC-0.5	6-Oct-98	12:15 PM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Acid Weir	6-Oct-98	9:50 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	9:33 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	9:33 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
AC-0.2	14-Sep-99	2:02 PM	E/ST	T	0.029	0.16/0.3	0.16	0.16/0.2	-0.14	0.17/0.3	NA	-	NA	-	NA	-
	14-Sep-99	2:02 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
ACST-0.01	6-Oct-98	11:50 AM	OF	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
ACTE-0.01	27-Aug-98	12:15 PM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
DP Canyon																
DP-0.01 (ES STA. DPS-4)	7-Jul-98	9:30 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	7-Jul-98	9:30 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:27-7:42 AM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:27-7:42 AM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:47-8:02 AM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:47-8:02 AM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:07-8:22 AM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:07-8:22 AM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:02 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:22 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:47 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-Oct-98	12:50 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-Oct-98	12:50 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	9-Jul-99	5:30 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	9-Jul-99	5:30 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
DP-0.89 (ES STA. DPS-1)	7-Jul-98	11:30 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	7-Jul-98	11:30 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Los Alamos Canyon																
LA 5.3	4-May-99	1:45 PM	E/SM	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LA 5.6	13-Aug-98	8:35 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	8:35 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LA-6.6	27-Oct-98	1:00 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-Oct-98	1:00 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LA-8.0	1-Sep-98	11:45 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LA-8.7	1-Sep-98	10:40 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LA-10.7	1-Sep-98	10:55 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TA-53 Drainage	6-Aug-99	4:30 PM	E/ST	T	NA	-	NA	-	NA	-	0.011	0.039/0.091	0.094	0.051/0.060	0.009	0.024/0.057
Pueblo Canyon																
Pueblo 1	6-Oct-98	10:40 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	10:28 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	23-Jun-99	10:28 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Pueblo @ SR502 (Gage 060)	3-Sep-98	2:15 PM	OF/DS	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Bayo Sewage Outfall	1-Sep-98	12:17 PM	OFS	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PU-5.3	14-Sep-99	2:54 PM	E/ST	T	0.047	0.15/0.2	0.088	0.14/0.2	-0.30	0.17/0.4	NA	-	NA	-	NA	-
	14-Sep-99	2:54 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MORTANDAD CANYON & TRIBUTARIES																
Canada del Buey																
Canada del Buey near TA-46	20-Jul-98	10:45 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	20-Jul-98	10:45 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
CDBS-0.3	20-Jul-98	10:25 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	20-Jul-98	10:25 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
CDBSTRIB-0.01	20-Jul-98	11:00 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	20-Jul-98	11:00 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Effluent Canyon																
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	19-Aug-98	10:05 AM	OF/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
TA-50 Outfall 051	28-Aug-98	9:55 AM	OF	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Mortandad Canyon																
Mortandad @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-May-99	10:50 PM	OF/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	27-May-99	10:50 PM	OF/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PAJARITO CANYON & TRIBUTARIES																
North Anchor East Basin																
BU-0.01	28-Jun-99	2:25 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Pajarito Canyon																
PA-6.7	5-Aug-98	10:00 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	30-Jun-99	3:25 PM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PA-8.9	28-Jun-99	3:20 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
PA-10.6	29-Jun-99	12:00 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Threemile Canyon																
TM-0.3	25-Jun-99	12:00 PM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
POTRILLO CANYON																
Potrillo above SR-4	17-Jun-99	4:30 - 5:30 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
RIO GRANDE (WHITE ROCK CANYON)																
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SANDIA CANYON																
SA-7.0	1-Jul-98	7:30 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SCS-1	27-May-99	9:40 PM	OF/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
SANTA CLARA CANYON																
SCC-2	16-Jul-98	2:50 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
WATER CANYON & TRIBUTARIES																
Canon de Valle																
CDV-5.2 (Head Waters)	21-Dec-98	12:20 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	21-Dec-98	12:20 PM	P	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
260 Outfall - A05056	21-Aug-98	11:07 AM	OFS	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
BL-0.1	21-Aug-98	10:15 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Mesa Top																
90S Line Pond	17-Dec-98	4:17 PM	EBW	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
(field dup)	17-Dec-98	4:17 PM	EBW	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Water Canyon																
Water Canyon @ Beta	13-Nov-98	9:50 AM	E/D	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-

T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
* - Composite samples collected during times shown
LT - Result is less than requested MDC, greater than sample specific MDC.
DL - Detection limit/minimum detectable concentration.
< - Symbol indicates that the constituent was not detected above the detection limit/minimum detectable concentration.
NA - Not analyzed
UNC - 2 sigma uncertainty.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 12 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Radionuclides (Gamma Spec)1.

STATION ID	Date	Time	Type	F/T	241Am (pCi/L)	unc	137Cs (pCi/L)	unc	60Co (pCi/L)	unc	212Pb (pCi/L)	unc	214Pb (pCi/L)	unc	228Ac (pCi/L)	unc	208Tl (pCi/L)	unc
ANCHO CANYON & TRIBUTARIES																		
AB-2	28-Jul-98	2:00 PM	E/ST	T	<38	BDL	<9.3	BDL	<11	BDL	<10	BDL	<15	BDL	<42	BDL	<8.7	BDL
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	F	NA	-	<20	BDL	NA	-	NA	-	NA	-	NA	-	NA	-
	10-Aug-99	12:57 PM	E/ST	T	NA	-	<90	BDL	NA	-	NA	-	NA	-	NA	-	NA	-
AN-2.15	10-Aug-99	1:23 PM	E/ST	F	NA	-	<20	BDL	NA	-	NA	-	NA	-	NA	-	NA	-
	10-Aug-99	1:23 PM	E/ST	T	NA	-	<90	BDL	NA	-	NA	-	NA	-	NA	-	NA	-
LOS ALAMOS CANYON & TRIBUTARIES																		
Acid Canyon																		
AC-0.5	6-Oct-98	12:15 PM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
ACID WEIR	6-Oct-98	9:50 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
DP Canyon																		
DP-0.01 (ES STA. DPS-4)	27-Oct-98	12:50 PM	E/ST	F	<23	BDL	<4.0	BDL	<3.8	BDL	<5.4	BDL	<7.1	BDL	<15	BDL	<3.9	BDL
Los Alamos Canyon																		
LA-6.6	27-Oct-98	1:00 PM	E/ST	F	<32	BDL	<6.9	BDL	<8.0	BDL	10	11	<13	BDL	<25	BDL	<6.2	BDL
Pueblo Canyon																		
PUEBLO 1	6-Oct-98	10:40 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
MORTANDAD CANYON & TRIBUTARIES																		
Effluent Canyon																		
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	F	<35	BDL	<7.1	BDL	<8.2	BDL	<9.4	BDL	<11	BDL	<23	BDL	<6.4	BDL
MORTANDAD @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	<42	BDL	39	12	<8.1	BDL	<12	BDL	<17	BDL	<39	BDL	<9.4	BDL

T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
* - Composite samples collected during times shown
LT - Result is less than requested MDC, greater than sample specific MDC.
DL - Detection limit/minimum detectable concentration.
< - Symbol indicates that the constituent was not detected above the detection limit/minimum detectable concentration.
NA - Not analyzed
UNC - 2 sigma uncertainty.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 13 - NMED DOE Oversight Bureau Surface-Water Quality Results: Dissolved and Total Radionuclides (Gamma Spec)2.

STATION ID	Date	Time	Type	F/T	214Bi (pCi/L)	unc	212Bi (pCi/L)	unc	22Na (pCi/L)	unc	235U (pCi/L)	unc	226Ra (pCi/L)	unc	228Ra (pCi/L)	unc
ANCHO CANYON & TRIBUTARIES																
AB-2	28-Jul-98	2:00 PM	E/ST	T	<17	BDL	<92	BDL	<12	BDL	<33	BDL	NA	-	NA	-
ANNT-0.1	10-Aug-99	12:57 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	10-Aug-99	12:57 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
AN-2.15	10-Aug-99	1:23 PM	E/ST	F	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
	10-Aug-99	1:23 PM	E/ST	T	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
LOS ALAMOS CANYON & TRIBUTARIES																
Acid Canyon																
AC-0.5	6-Oct-98	12:15 PM	E/D	F	NA	-	NA	-	NA	-	NA	-	<1.5	BDL	<2.6	BDL
ACID WEIR	6-Oct-98	9:50 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	<1.6	BDL	<2.7	BDL
ACST-0.01	6-Oct-98	11:50 AM	OF/DS	F	NA	-	NA	-	NA	-	NA	-	<0.90	BDL	<1.6	BDL
DP Canyon																
DP-0.01 (ES STA. DPS-4)	27-Oct-98	12:50 PM	E/ST	F	<8.6	BDL	<45	BDL	<3.4	BDL	<21	BDL	NA	-	NA	-
Los Alamos Canyon																
LA-6.6	27-Oct-98	1:00 PM	E/ST	F	<13	BDL	<89	BDL	<6.6	BDL	<33	BDL	NA	-	NA	-
Pueblo Canyon																
PUEBLO 1	6-Oct-98	10:40 AM	E/D	F	NA	-	NA	-	NA	-	NA	-	<1.3	BDL	<2.4	BDL
MORTANDAD CANYON & TRIBUTARIES																
Effluent Canyon																
EFC-0.2	19-Aug-98	10:05 AM	OF/ST	F	<14	BDL	<99	BDL	<9.4	BDL	<30	BDL	NA	-	NA	-
MORTANDAD @ GS-1	28-Aug-98	10:40 AM	OF/DS	F	<18	BDL	<120	BDL	380	68	<37	BDL	NA	-	NA	-

T - Totals (Non-filtered sample acidified prior to analysis).
F - Dissolved (filtered fraction < 0.45 micron).
*** - Composite samples collected during times shown**
LT - Result is less than requested MDC, greater than sample specific MDC.
DL - Detection limit/minimum detectable concentration.
< - Symbol indicates that the constituent was not detected above the detection limit/minimum detectable concentration.
NA - Not analyzed
UNC - 2 sigma uncertainty.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 14 - NMED DOE Oversight Bureau Surface-Water Quality Results: High-Explosive Compounds1.

SAMPLE ID:	260 Outfall - A05056		AB-2		BL-0.1	
SAMPLING DATE-TIME:	21-Aug-98	11:07 AM	28-Jul-98	2:00 PM	21-Aug-98	10:15 AM
	RESULT (ug/L)	DL	RESULT (ug/L)	DL	RESULT (ug/L)	DL
NITROGLYCERIN	ND	5	ND	5	24[1]	5
PETN	ND	5	ND	5	ND	5
2-AMINO-4,6-DNT	411	50	ND	0.25	1100	250
4-AMINO-2,6-DNT	ND	50	ND	0.25	1200	250
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	2400	200	ND	1	3800	1000
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	1200	170	ND	0.84	15000	840
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	52	ND	0.26	ND	260
1,3-DINITROBENZENE (1,3-DNB)	ND	50	ND	0.25	ND	250
TETRYL	ND	200	ND	1	ND	1000
NITROBENZENE (NB)	ND	200	ND	1	ND	1000
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	390	50	ND	0.25	ND	250
2,4-DINITROTOLUENE(2,4-DNT)	ND	50	ND	0.25	ND	250
2,6-DINITROTOLUENE(2,6-DNT)	ND	50	ND	0.25	ND	250
o-NITROTOLUENE (2-NT)	ND	200	ND	1	ND	1000
p-NITROTOLUENE (4-NT)	ND	200	ND	1	ND	1000
m-NITROTOLUENE (3-NT)	ND	200	ND	1	ND	1000

Method used: 8330

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

1 - Estimated value; result between the the method detection limit and the reporting limit.

1 - the nitroglycerin in the sample was flagged because this "hit" could not be confirmed or disconfirmed on the confirmation column (C-18). There was a contributnet in the blank and blanksplikes co-eluting in the retention time window of nitroglycerin.

S - Holding Times Broken

Table 14 cont. - NMED DOE Oversight Bureau Surface-Water Quality Results: High-Explosive Compounds2.

SAMPLE ID:	PA-6.7		SW AT 16-2768		SW AT 16-2776	
SAMPLING DATE-TIME:	5-Aug-98	10:00 AM	17-Dec-98	11:15 AM	17-Dec-98	11:50 AM
	RESULT (ug/L)	DL	RESULT (ug/L)	DL	RESULT (ug/L)	DL
NITROGLYCERIN	ND	5	ND	5	ND	5
PETN	ND	5	ND	5	ND	5
2-AMINO-4,6-DNT	ND	0.25	1.6	0.5	1.7	1.3
4-AMINO-2,6-DNT	ND	0.25	2.4	0.5	2.4	1.3
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	1.1	1	32	2	32	5
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	0.5J	0.84	49	1.7	49	4.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	0.26	ND	0.52	ND	1.3
1,3-DINITROBENZENE (1,3-DNB)	ND	0.25	ND	0.5	ND	1.3
TETRYL	ND	1	ND	2	ND	5
NITROBENZENE (NB)	ND	1	ND	2	ND	5
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.25	ND	0.5	ND	1.3
2,4-DINITROTOLUENE(2,4-DNT)	ND	0.25	ND	0.5	ND	1.3
2,6-DINITROTOLUENE(2,6-DNT)	ND	0.25	ND	0.5	ND	1.3
o-NITROTOLUENE (2-NT)	ND	1	ND	2	ND	5
p-NITROTOLUENE (4-NT)	ND	1	ND	2	ND	5
m-NITROTOLUENE (3-NT)	ND	1	ND	2	ND	5

Method used: 8330

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

[1] - the nitroglycerin in the sample was flagged because this "hit" could not be confirmed or disconfirmed on the confirmation column (C-18). There was a constitiuent in the blank and blankspikes co-eluting in the retention time window of nitroglycerin.

§ - Holding Times Broken

Table 14 cont. - NMED DOE Oversight Bureau Surface-Water Quality Results: High-Explosive Compounds3.

SAMPLE ID:	Water Canyon @ Beta		TM-0.4		BU-0.01	
SAMPLING DATE-TIME:	13-Nov-98	9:50 AM	25-Jun-99	12:00 PM	8-Feb-99	11:46 AM
	RESULT (ug/L)	DL	RESULT (ug/L)	DL	RESULT (ug/L)	DL
NITROGLYCERIN	NA	-	NA	-	ND	6.0
PETN	NA	-	ND	6.0	ND	6.0
2-AMINO-4,6-DNT	ND	0.25	ND	0.40	ND	0.40
4-AMINO-2,6-DNT	ND	0.25	ND	0.90	ND	0.90
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	2.6	1.0	0.35	0.20	ND	0.20
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	0.84	ND	0.20	3.9	0.20
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	0.26	ND	0.10	ND	0.10
1,3-DINITROBENZENE (1,3-DNB)	ND	0.25	ND	0.20	ND	0.20
TETRYL	ND	1.0	ND	0.60	ND	0.60
NITROBENZENE (NB)	ND	1.0	ND	0.40	ND	0.40
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.25	ND	0.60	ND	0.60
2,4-DINITROTOLUENE(2,4-DNT)	ND	0.25	ND	0.40	ND	0.40
2,6-DINITROTOLUENE(2,6-DNT)	ND	0.25	ND	0.40	ND	0.40
o-NITROTOLUENE (2-NT)	ND	1.0	ND	0.40	ND	0.40
p-NITROTOLUENE (4-NT)	ND	1.0	ND	0.40	ND	0.40
m-NITROTOLUENE (3-NT)	ND	1.0	ND	0.40	ND	0.40

Method used: 8330

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

[1] - the nitroglycerin in the sample was flagged because this "hit" could not be confirmed or disconfirmed on the confirmation column (C-18). There was a constitiuent in the blank and blankspikes co-eluting in the retention time window of nitroglycerin.

§ - Holding Times Broken

Table 14 cont. - NMED DOE Oversight Bureau Surface-Water Quality Results: High-Explosive Compou

SAMPLE ID:	BU-0.01		PA-6.7		PA-8.9	
SAMPLING DATE-TIME:	28-Jun-99	2:25 PM	30-Jun-99	3:25 PM	28-Jun-99	3:20 PM
	RESULT (ug/L)	DL	RESULT (ug/L)	DL	RESULT (ug/L)	DL
NITROGLYCERIN	NA	-	NA	-	NA	-
PETN	ND	6.0	ND	6.0	U	6.0
2-AMINO-4,6-DNT	ND	0.40	ND	0.40	U	0.40
4-AMINO-2,6-DNT	ND	0.90	ND	0.90	U	0.90
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	2.20	0.20	0.59	0.20	U	0.20
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	2.40	0.20	0.19 J	0.20	U	0.20
1,3,5-TRINITROBENZENE (1,3,5-TNB)	ND	0.10	ND	0.10	U	0.10
1,3-DINITROBENZENE (1,3-DNB)	ND	0.20	ND	0.20	U	0.20
TETRYL	ND	0.60	ND	0.60	U	0.60
NITROBENZENE (NB)	ND	0.40	ND	0.40	U	0.40
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	ND	0.60	ND	0.60	U	0.60
2,4-DINITROTOLUENE(2,4-DNT)	ND	0.40	ND	0.40	U	0.40
2,6-DINITROTOLUENE(2,6-DNT)	ND	0.40	ND	0.40	U	0.40
o-NITROTOLUENE (2-NT)	ND	0.40	ND	0.40	U	0.40
p-NITROTOLUENE (4-NT)	ND	0.40	ND	0.40	U	0.40
m-NITROTOLUENE (3-NT)	ND	0.40	ND	0.40	U	0.40

* - Modified Method 8330

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

[1] - the nitroglycerin in the sample was flagged because this "hit" could not be confirmed or disconfirmed on the confirmation column (C-18). There was a constitiuent in the blank and blankspikes co-eluting in the retention ti

§ - Holding Times Broken

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ime window of nitroglyce

Table 14 cont. - NMED DOE Oversight Bureau Surface-Water Quality Results: High-Explosive Compounds5.

SAMPLE ID:	PA 10.6		Water Canyon @ Beta	
SAMPLING DATE-TIME:	29-Jun-99	12:00 PM	17-Nov-99	9:55 AM
	RESULT (ug/L)	DL	RESULT (ug/L)	DL
NITROGLYCERIN	NA	-	NA	-
PETN	U	6.0	NA	-
2-AMINO-4,6-DNT	U	0.40	U	0.4
4-AMINO-2,6-DNT	U	0.90	U	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	U	0.20	0.44	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	U	0.20	U	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	U	0.10	U	0.1
1,3-DINITROBENZENE (1,3-DNB)	U	0.20	U	0.2
TETRYL	U	0.60	U	0.6
NITROBENZENE (NB)	U	0.40	U	0.4
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	U	0.60	U	0.6
2,4-DINITROTOLUENE(2,4-DNT)	U	0.40	U	0.4
2,6-DINITROTOLUENE(2,6-DNT)	U	0.40	U	0.4
o-NITROTOLUENE (2-NT)	U	0.40	U	0.2
p-NITROTOLUENE (4-NT)	U	0.40	U	0.3
m-NITROTOLUENE (3-NT)	U	0.40	U	0.2

Method used: 8330

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

[1] - the nitroglycerin in the sample was flagged because this "hit" could not be confirmed or disconfirmed on the confirmation column (C-18). There was a constitiuent in the blank and blankspikes co-eluting in the retention time window of nitro

§ - Holding Times Broken

Table 15 - NMED DOE Oversight Bureau Surface-Water Quality Results: Volatile Organic Compounds.

SAMPLE ID:	260 Outfall - A05056		BL-0.1		EFC-0.2	
SAMPLING DATE-TIME:	21-Aug-98	11:07 AM	21-Aug-98	10:15 AM	19-Aug-98	10:05 AM
UNITS	ug/L	DL	ug/L	DL	ug/L	DL
	Method: 8260		Method: 8260		Method: 8260	
PARAMETER						
1,1,1,2-TETRACHLOROETHANE	ND	5	ND	5	ND	5
1,1,1-TRICHLOROETHANE	ND	5	ND	5	ND	5
1,1,2,2-TETRACHLOROETHANE	ND	5	ND	5	ND	5
1,1,2-TRICHLORO-2,2,1-TRIFLUOROETHANE	NA	-	NA	-	NA	-
1,1,2-TRICHLOROETHANE	ND	5	ND	5	ND	5
1,2,3-TRICHLOROBENZENE	ND	5	ND	5	ND	5
1,2,3-TRICHLOROPROPANE	ND	5	ND	5	ND	5
1,2,4-TRICHLOROBENZENE	ND	5	ND	5	ND	5
1,2,4-TRIMETHYLBENZENE	ND	5	ND	5	ND	5
1,3,5-TRIMETHYLBENZENE	ND	5	ND	5	ND	5
1,1-DICHLOROETHANE	ND	5	ND	5	ND	5
1,1-DICHLOROETHENE	ND	5	ND	5	ND	5
1,1-DICHLOROPROPENE	ND	5	ND	5	ND	5
1,2-DIBROMO-3-CHLOROPROPANE	ND	10	ND	10	ND	10
1,2-DIBROMOETHANE	ND	5	ND	5	ND	5
1,2-DICHLOROBENZENE	ND	5	ND	5	ND	5
1,2-DICHLOROETHANE	ND	5	ND	5	ND	5
1,2-DICHLOROPROPANE	ND	5	ND	5	ND	5
1,3-DICHLOROBENZENE	ND	5	ND	5	ND	5
1,3-DICHLOROPROPANE	ND	5	ND	5	ND	5
1,4-DICHLOROBENZENE	ND	5	ND	5	ND	5
2,2-DICHLOROPROPANE	ND	5	ND	5	ND	5
1-CHLOROHEXANE	ND	5	ND	5	ND	5
1-METHYLNAPHTHALENE	NA	-	NA	-	NA	-
2-BUTANONE	ND	20	ND	20	ND	20
2-CHLOROETHYL VINYL ETHER	ND	10	ND	10	ND	10
2-CHLOROTOLUENE	ND	5	ND	5	ND	5
2-HEXANONE	ND	20	ND	20	ND	20
2-METHYLNAPHTHALENE	NA	-	NA	-	NA	-
4-CHLOROTOLUENE	ND	5	ND	5	ND	5
4-ISOPROPYLTOLUENE	NA	-	NA	-	NA	-
4-METHYL-2-BUTANONE	NA	-	NA	-	NA	-
4-METHYL-2-PENTANONE	ND	20	ND	20	ND	20
ACETONE	8.2J,B	20	10J,B	20	ND	20
ACROLEIN	ND	50	ND	50	ND	50
ACRYLONITRILE	ND	50	ND	50	ND	50
BENZENE	ND	5	ND	5	ND	5
BROMOBENZENE	ND	5	ND	5	ND	5
BROMOCHLOROMETHANE	ND	5	ND	5	ND	5
BROMODICHLOROMETHANE	ND	5	ND	5	ND	5
BROMOFORM	ND	5	ND	5	ND	5
BROMOMETHANE	ND	10	ND	10	ND	10
CARBON DISULFIDE	2.7J,B	5	2.9J,B	5	2.6J,B	5
CARBON TETRACHLORIDE	ND	5	ND	5	ND	5
CHLOROBENZENE	ND	5	ND	5	ND	5
CHLOROFORM	ND	5	ND	5	ND	5
CHLOROETHANE	ND	10	ND	10	ND	10
CHLOROMETHANE	ND	10	ND	10	ND	10
CIS-1,1-DICHLOROETHENE	ND	5	ND	5	ND	5
CIS-1,3-DICHLOROPROPENE	ND	5	ND	5	ND	5
DIBROMOCHLOROMETHANE	ND	5	ND	5	ND	5
DIBROMOMETHANE	ND	5	ND	5	ND	5
DICHLORODIFLUOROMETHANE	ND	10	ND	10	ND	10
ETHYLBENZENE	ND	5	ND	5	ND	5
HEXACHLOROBUTADIENE	ND	5	ND	5	ND	5
IODOMETHANE	ND	5	ND	5	ND	5
ISOPROPYLBENZENE	ND	5	ND	5	ND	5
METHYLENE CHLORIDE	5.4	5	5.5	5	2.1J,B	5
METHYL-t-BUTYL ETHER	ND	5	ND	5	ND	5
N-BUTYBENZENE	ND	5	ND	5	ND	5
N-PROPYLBENZENE	ND	5	ND	5	ND	5
NAPHTHALENE	ND	5	ND	5	ND	5
o-XYLENE	ND	5	ND	5	ND	5
p- & m-XYLENE	ND	5	ND	5	ND	5
P-ISOPROPYLTOLUENE	ND	5	ND	5	ND	5
PROPYLBENZENE	NA	-	NA	-	NA	-
SEC-BUTYLBENZENE	ND	5	ND	5	ND	5
STYRENE	ND	5	ND	5	ND	5
TERT-BUTYLBENZENE	ND	5	ND	5	ND	5
TETRACHLOROETHENE	3.1J,B	5	3.1J,B	5	ND	5
TETRAHYDROFURAN (THF)	NA	-	NA	-	NA	-
TOLUENE	ND	5	ND	5	ND	5
TOTAL XYLENES	NA	-	NA	-	NA	-
TRANS--1,2-DICHLOROETHENE	ND	5	ND	5	ND	5
TRANS--1,3-DICHLOROPROPENE	ND	5	ND	5	ND	5
TRICHLOROETHENE	ND	5	ND	5	ND	5
TRICHLOROFLUOROMETHANE	ND	5	ND	5	ND	5
TRICHLOROTRIFLUOROETHANE	ND	5	ND	5	ND	5
VINYL ACETATE	ND	20	ND	20	ND	20
VINYL CHLORIDE	ND	10	ND	10	ND	10

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

B - Analyte found in blank.

§ - Holding Times Broken

Table 16 - NMED DOE Oversight Bureau Surface-Water Quality Results: Additional Organic Compounds.

SAMPLE ID:	AB-2			SAMPLE ID:	AB-2 (Continued)	
SAMPLING DATE:	28-Jul-98	2:00 PM		SAMPLING DATE:	28-Jul-98	2:00 PM
UNITS	ug/L	DL		UNITS	ug/L	DL
PARAMETER	Method: 8270			PARAMETER		
1,2,4,-TRICHLOROBENZENE	ND	10		BENZO(A)ANTHRACENE	ND	10
1,2,4,5-TETRACHLOROBENZENE	NA	-		BENZO(A)PYRENE	ND	10
1,2-DICHLOROBENZENE	ND	10		BENZO(B)FLUORANTHENE	ND	10
1,2-DIPHENYLHYDRAZINE	NA	-		BENZO(G,H,I)PERYLENE	ND	10
1,3,-DICHLOROBENZENE	ND	10		BENZO(K)FLUORANTHENE	ND	10
1,4,-DICHLOROBENZENE	ND	10		BENZOIC ACID	ND	50
1-CHLORONAPTHALENE	NA	-		BENZYL ALCOHOL	ND	10
1-NAPTHYLAMINE	NA	-		BIS (2-CHLOROETHOXY) METHANE	ND	10
2,2,3,3,4,5,6,6-OCTACHLOROBIPHENYL	NA	-		BIS (2-CHLOROETHYL) ETHER	ND	10
2,2,3,3,4,4,6-HEPTACHLOROBIPHENYL	NA	-		BIS (2-CHLOROISOPROPY) ETHER	ND	10
2,2,4,4,5,6-HEXACHLOROBIPHENYL	NA	-		BIS(2-ETHYLHEXYL)PHTHALATE	ND	10
2,2,3,4,6-PENTACHLOROBIPHENYL	NA	-		BUTYL BENZYL PHTHALATE	ND	10
2,2,4,4-TETRACHLOROBIPHENYL	NA	-		BUTACHLOR	NA	-
2,3,4,6-TETRACHLOROPHENOL	ND	50		CARBAZOLE	ND	10
2,4,5-TRICHLOROBIPHENYL	NA	-		CHLORDANE (TOTAL)	NA	-
2,4,5-TRICHLOROPHENOL	ND	10		CHRYSENE	ND	10
2,4,6-TRICHLOROPHENOL	ND	10		DI(2 ETHYLHEXYL) ADIPATE	NA	-
2,3-DICHLOROBIPHENYL	NA	-		DI(2 ETHYLHEXYL) PHTHALATE	NA	-
2,4-DICHLOROPHENOL	ND	10		DI-N-BUTYL PHTHALATE	ND	10
2,4-DIMETHYLPHENOL	ND	10		DI-N-OCTYL PHTHALATE	ND	10
2,4-DINITROPHENOL	ND	50		DIBENZO(A,H)ANTHRACENE	ND	10
2,4-DINITROTOLUENE	ND	10		DIBENZO(A,J)ACRIDINE	NA	-
2,6-DICHLOROPHENOL	NA	-		DIBENZOFURAN	ND	10
2,6-DINITROTOLUENE	ND	10		DIELDRIN	NA	-
2-CHLORONAPHTHALENE	ND	10		DIETHYL PHTHALATE	ND	10
2-CHLOROBIPHENYL	NA	-		DIMETHYL PHTHALATE	ND	10
2-CHLOROPHENOL	ND	10		DIPHENYLAMINE	NA	-
2-METHYLNAPHTHALENE	ND	10		ENDRIN	NA	-
2-METHYLPHENOL	ND	10		FLUORANTHENE	ND	10
2-NAPTHYLAMINE	NA	-		FLUORENE	ND	10
2-NITROANILINE	ND	50		GAMMA-CHLORDANE	NA	-
2-NITROPHENOL	ND	10		HEPTACHLOR	NA	-
2-PICOLINE	NA	-		HEPTACHLOR EPOXIDE	NA	-
3,3-DICHOLOROBENZIDINE	ND	50		HEXACHLOROBENZENE	ND	10
3-METHYLCHOLANTHRENE	NA	-		HEXACHLOROBUTADIENE	ND	10
3-NITROANILINE	ND	50		HEXACHLOROCYCLOPENTADIENE	ND	10
4,6-DINITRO-2-METHYLPHENOL	ND	50		HEXACHLOROETHANE	ND	10
4-AMINOBIPHENYL	NA	-		INDENO(1,2,3-CD)PYRENE	ND	10
4-BROMOPHENYL PHENYL ETHER	ND	10		ISOPHORONE	ND	10
4-CHLORO-3-METHYLPHENOL	ND	10		LINDANE	NA	-
4-CHLOROANILINE	ND	25		N-NITROSO-DI-N-PROPYLAMINE	ND	10
4-CHLOROPHENYL PHENYL ETHER	ND	10		N-NITROSODI-N-BUTYLAMINE	NA	-
4-METHYLPHENOL	ND	10		N-NITROSODIMETHYLAMINE	ND	10
4-NITROANILINE	ND	50		N-NITROSODIPHENYLAMINE	ND	10
4-NITROPHENOL	ND	50		N-NITROSOPIPERIDINE	NA	-
7,12-DIMETHYLBENZO(A)ANTHRACENE	NA	-		NAPHTHALENE	ND	10
A-,A-DIMETHYLPENETHYLAMINE	NA	-		NITROBENZENE	ND	10
ACENAPHTHENE	ND	10		METOLACHLOR	NA	-
ACENAPHTHYLENE	ND	10		METHOXYCHLOR	NA	-
ACETOPHENONE	NA	-		METRIBUZIN	NA	-
ALACHLOR	NA	-		P-DIMETHYLAMINOAZOBENZENE	NA	-
ALDRINE	NA	-		PENTACHLOROBENZENE	NA	-
ALPHA-CHLORDANE	NA	-		PENTACHLORONITROBENZENE	NA	-
ANILINE	ND	25		PENTACHLOROPHENOL	ND	50
ANTHRACENE	ND	10		PHENACETIN	NA	-
AROCLOR 1016	ND	1.0		PHENANTHRENE	ND	10
AROCLOR 1221	ND	2.0		PHENOL	ND	10
AROCLOR 1232	ND	1.0		PRONAMIDE	NA	-
AROCLOR 1242	ND	1.0		PROPACHLOR	NA	-
AROCLOR 1248	ND	1.0		PYRENE	ND	10
AROCLOR 1254	ND	1.0		PYRIDINE	ND	10
AROCLOR 1260	ND	1.0		SIMAZINE	NA	-
ATRAZINE	NA	-		TOXAPHENE MIXTURE	NA	-
AZOBENZENE	ND	10.00		TRANS NONACHLOR	NA	-
BENZIDINE	NA	-				

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

B - Analyte found in blank.

§ - Holding Times Broken

Table 17 - NMED DOE Oversight Bureau Surface-Water Quality Results: PCB/Pesticides1.

SAMPLE ID:	AB-2		SA-7.0		PU-5.3	
SAMPLING DATE:	28-Jul-98	2:00 PM	1-Jul-98	7:30 PM	14-Sep-99	2:45 PM
UNITS	ug/L	DL	ug/L	DL	ug/L	DL
PARAMETER	Method: 8081		Method: 8081		Method: 8082	
alpha-BHC	NA	-	ND	0.05	NA	-
gamma-BHC	NA	-	ND	0.05	NA	-
Heptachlor	NA	-	ND	0.05	NA	-
Aldrin	NA	-	ND	0.05	NA	-
beta-BHC	NA	-	ND	0.05	NA	-
delta-BHC	NA	-	ND	0.05	NA	-
Heptachlor Epoxide	NA	-	ND	0.05	NA	-
Endosulfan I	NA	-	ND	0.05	NA	-
Gamma Chlordane	NA	-	ND	0.05	NA	-
Alpha Chlordane	NA	-	ND	0.05	NA	-
4,4'-DDE	NA	-	ND	0.1	NA	-
Dieldrin	NA	-	ND	0.1	NA	-
Endrin	NA	-	ND	0.1	NA	-
4,4'-DDD	NA	-	ND	0.1	NA	-
Endosulfan II	NA	-	ND	0.1	NA	-
4,4'-DDT	NA	-	ND	0.1	NA	-
Endrin Aldehyde	NA	-	ND	0.1	NA	-
Methoxychlor	NA	-	ND	0.5	NA	-
Endosulfan Sulfate	NA	-	ND	0.1	NA	-
Endin Ketone	NA	-	ND	0.1	NA	-
Toxaphene	NA	-	ND	5	NA	-
Aroclor 1016	ND	1	ND	1	ND	2
Aroclor 1221	ND	2	ND	2	ND	4
Aroclor 1232	ND	1	ND	1	ND	2
Aroclor 1242	ND	1	ND	1	ND	2
Aroclor 1248	ND	1	ND	1	ND	2
Aroclor 1254	ND	1	ND	1	ND	2
Aroclor 1260	ND	1	ND	1	ND	2
Aroclor 1262	NA	-	NA	-	ND	2
Aroclor 1268	NA	-	NA	-	ND	2

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

B - Analyte found in blank.

§ - Holding Times Broken

Table 18 - NMED DOE Oversight Bureau Surface-Water Quality Results: PCB/Pesticides2.

SAMPLE ID:	AC-0.2		ANNT-0.1		AN-2.15	
SAMPLING DATE:	14-Sep-99	2:02 PM	10-Aug-99	12:57 PM	10-Aug-99	1:23 PM
UNITS	ug/L	DL	ug/L	DL	ug/L	DL
PARAMETER	Method: 8082		Method: 8082		Method: 8082	
alpha-BHC	NA	-	NA	-	NA	-
gamma-BHC	NA	-	NA	-	NA	-
Heptachlor	NA	-	NA	-	NA	-
Aldrin	NA	-	NA	-	NA	-
beta-BHC	NA	-	NA	-	NA	-
delta-BHC	NA	-	NA	-	NA	-
Heptachlor Epoxide	NA	-	NA	-	NA	-
Endosulfan I	NA	-	NA	-	NA	-
Gamma Chlordane	NA	-	NA	-	NA	-
Alpha Chlordane	NA	-	NA	-	NA	-
4,4'-DDE	NA	-	NA	-	NA	-
Dieldrin	NA	-	NA	-	NA	-
Endrin	NA	-	NA	-	NA	-
4,4'-DDD	NA	-	NA	-	NA	-
Endosulfan II	NA	-	NA	-	NA	-
4,4'-DDT	NA	-	NA	-	NA	-
Endrin Aldehyde	NA	-	NA	-	NA	-
Methoxychlor	NA	-	NA	-	NA	-
Endosulfan Sulfate	NA	-	NA	-	NA	-
Endin Ketone	NA	-	NA	-	NA	-
Toxaphene	NA	-	NA	-	NA	-
Aroclor 1016	ND	2	ND	1	ND	1
Aroclor 1221	ND	4	ND	2	ND	2
Aroclor 1232	ND	2	ND	1	ND	1
Aroclor 1242	ND	2	ND	1	ND	1
Aroclor 1248	ND	2	ND	1	ND	1
Aroclor 1254	ND	2	ND	1	ND	1
Aroclor 1260	ND	2	ND	1	ND	1
Aroclor 1262	ND	2	ND	1	ND	1
Aroclor 1268	ND	2	ND	1	ND	1

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

B - Analyte found in blank.

§ - Holding Times Broken

Table 19 - NMED DOE Oversight Bureau Suspended-Sediment Analytical Results: Trace Metals1.

STATION ID	Date	Time	Type	Ag (mg/Kg)	Al (mg/Kg)	As (mg/Kg)	B (mg/Kg)	Ba (mg/Kg)	Be (mg/Kg)	Ca (mg/Kg)	Cd (mg/Kg)	Cr (mg/Kg)	Co (mg/Kg)
ANCHO CANYON & TRIBUTARIES													
AB-2	**28-Jul-98**	**2:00 PM**	**E/ST**	NA	NA	NA	NA	NA	2.0	NA	<1*	21	NA
LOS ALAMOS CANYON & TRIBUTARIES													
Los Alamos Canyon													
TA-53 Drainage	**6-Aug-99**	**4:30 PM**	**E/ST§**	<1	NA	1.9	NA	55	NA	NA	<0.5	3.8	NA
SANDIA CANYON													
SA-7.0	**1-Jul-98**	**7:30 PM**	**E/ST**	<2	4400	<2	<20	40	1.0	900	<0.9	23	<2
RIO GRANDE (WHITE ROCK CANYON)													
Rio Grande @ Chaquehui Canyon	**30-Sep-98**	**7:30 AM**	**P/ST**	NA	NA	NA	NA	NA	1.3	NA	NA	NA	NA

§ - Holding Times Broken

*** - Detection limit raised. Dilution required due to matrix interference.**

Surface Water Types

EBW - Ephemeral body of water, e.g., pond.

E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).

E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.

E/ST - Ephemeral reach with contributions mainly from storm-water runoff.

DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.

OF - Outfall sample collected at the point of effluent discharge.

OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.

OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.

OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.

P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).

P/SM - Perennial reach with some contributions from snowmelt runoff.

P/ST - Perennial reach with some contributions from storm-water runoff.

P?/ST - Probable perennial reach with some contributions from storm-water runoff.

P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 20 - NMED DOE Oversight Bureau Suspended-Sediment Analytical Results: Trace Metals2.

STATION ID	Date	Time	Type	Cu (mg/Kg)	Fe (mg/Kg)	Hg (mg/Kg)	K (mg/Kg)	Li (mg/Kg)	Mg (mg/Kg)	Mn (mg/Kg)	Mo (mg/Kg)	Na (mg/Kg)	Ni (mg/Kg)
ANCHO CANYON & TRIBUTARIES													
AB-2	**28-Jul-98**	**2:00 PM**	**E/ST**	18	NA	<0.1	NA	NA	NA	NA	NA	NA	NA
LOS ALAMOS CANYON & TRIBUTARIES													
Los Alamos Canyon													
TA-53 Drainage	**6-Aug-99**	**4:30 PM**	**E/ST**	NA	NA	<0.1	NA	NA	NA	NA	NA	NA	NA
SANDIA CANYON													
SA-7.0	**1-Jul-98**	**7:30 PM**	**E/ST**	4	6000	<0.2	500	12	400	310	<2	200	<4
RIO GRANDE (WHITE ROCK CANYON)													
Rio Grande @ Chaquehui Canyon	**30-Sep-98**	**7:30 AM**	**P/ST**	NA	NA	<0.23	NA	NA	NA	NA	NA	NA	NA

§ - Holding Times Broken
*** - Detection limit raised. Dilution required due to matrix interference.**

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 21 - NMED DOE Oversight Bureau Suspended-Sediment Analytical Results: Trace Metals3.

STATION ID	Date	Time	Type	Pb (mg/Kg)	Sb (mg/Kg)	Se (mg/Kg)	Si (mg/Kg)	Sn (mg/Kg)	Sr (mg/Kg)	Tl (mg/Kg)	V (mg/Kg)	Zn (mg/Kg)
ANCHO CANYON & TRIBUTARIES												
AB-2	**28-Jul-98**	**2:00 PM**	**E/ST**	28*	NA	NA	NA	NA	NA	NA	NA	NA
LOS ALAMOS CANYON & TRIBUTARIES												
Los Alamos Canyon												
TA-53 Drainage	**6-Aug-99**	**4:30 PM**	**E/ST**	25	NA	0.51	NA	NA	NA	NA	NA	NA
SANDIA CANYON												
SA-7.0	**1-Jul-98**	**7:30 PM**	**E/ST**	20	<4	<0.9	1200	7	6	<2	5	63
RIO GRANDE (WHITE ROCK CANYON)												
Rio Grande @ Chaquehui Canyon	**30-Sep-98**	**7:30 AM**	**P/ST**	NA	NA	NA	NA	NA	NA	NA	NA	NA

§ - Holding Times Broken
*** - Detection limit raised. Dilution required due to matrix interference.**

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 23 - NMED DOE Oversight Bureau Suspended-Sediment Analytical Results: Radionuclides2.

STATION ID	Date	Time	Type	234U (pCi/g)	UNC/DL	235U (pCi/g)	UNC/DL	238U (pCi/g)	UNC/DL	238Pu (pCi/g)	UNC/DL	239/240Pu (pCi/g)	UNC/DL
ANCHO CANYON & TRIBUTARIES													
AB-2	28-Jul-98	2:00 PM	E/ST	NA	-	<1.1	BDL	NA	-	NA	-	NA	-
LOS ALAMOS CANYON & TRIBUTARIES													
DP Canyon													
DP-0.01 (ES STA. DPS-4)	13-Aug-98	7:27-7:42 AM	E/ST	1.18	0.16	0.065	0.023	1.09	0.15	0.040	0.017	0.248	0.048
	13-Aug-98	7:47-8:02 AM	E/ST	1.00	0.15	0.077	0.032	0.88	0.14	0.114	0.039	0.501	0.092
	13-Aug-98	8:07-8:22 AM	E/ST	1.27	0.20	0.041	0.027	1.11	0.18	0.119	0.050	0.503	0.099
	13-Aug-98	8:22 PM	E/ST	NA	-	NA	-	NA	-	NA	-	NA	-
	13-Aug-98	7:47 PM	E/ST	NA	-	NA	-	NA	-	NA	-	NA	-
	27-Oct-98	12:50 PM	E/ST	1.81	0.26	0.079	0.033	1.44	0.21	0.126	0.034	0.551	0.089
	9-Jul-99	5:30 PM	E/ST	2.18	0.30/0.026	0.141	0.042/0.025	1.86	0.26/0.030	0.243	0.048/0.031	1.22	0.17/0.0054
Los Alamos Canyon													
LA 5.3	4-May-99	1:45 PM	E/SM	NA	-	NA	-	NA	-	0.080	0.025/0.020	2.08	0.27/0.0068
LA-6.6	27-Oct-98	1:00 PM	E/ST	1.78	0.24	0.1	0.032	1.85	0.25	0.0103	0.0090	2.10	0.27
TA-53 Drainage	6-Aug-99	4:30 PM	E/ST	NA	-	NA	-	NA	-	NA	-	NA	-
POTRILLO CANYON													
Potrillo above SR-4	17-Jun-99	4:30 - 5:30 PM	E/ST	1.37	0.20/0.025	0.066	0.026/0.020	1.36	0.19/0.020	NA	-	NA	-
RIO GRANDE (WHITE ROCK CANYON)													
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	0.578	0.099/0.021	0.052	0.023/0.017	0.77	0.12/0.020	0.0014	0.0060/0.015	0.019	0.011/0.0060

DL - Detection limit/minimum detectable concentration.
< - Symbol indicates that the constituent was not detected above the detection limit/minimum detectable concentration.
*** - Composite samples collected during times shown.**
NA - Not analyzed
UNC - 2 sigma uncertainty.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 24 - NMED DOE Oversight Bureau Suspended-Sediment Results:Radionuclides (Gamma Spec)1.

STATION ID	Date	Time	Type	241Am (pCi/g)	unc	137Cs (pCi/g)	unc	60Co (pCi/g)	unc	212Pb (pCi/g)	unc	214Pb (pCi/g)	unc	228Ac (pCi/g)	unc
ANCHO CANYON & TRIBUTARIES															
AB-2	28-Jul-98	2:00 PM	E/ST	<1.2	BDL	<0.29	BDL	<0.35	BDL	0.90	0.65	<0.46	BDL	<1.2	BDL
LOS ALAMOS CANYON & TRIBUTARIES															
DP Canyon															
DP-0.01 (ES STA. DPS-4)	13-Aug-98	7:27-7:42 AM	E/ST	<4.2	BDL	<1.0	BDL	<1.2	BDL	<1.1	BDL	<1.6	BDL	<3.5	BDL
	13-Aug-98	7:47-8:02 AM	E/ST	<8.9	BDL	1.9	2.0	<2.2	BDL	<2.3	BDL	<3.8	BDL	<7.9	BDL
	13-Aug-98	8:07-8:22 AM	E/ST	<10	BDL	<2.6	BDL	<3.2	BDL	<3.4	BDL	<4.3	BDL	<12	BDL
	27-Oct-98	12:50 PM	E/ST	<3.9	BDL	3.4	1.2	<1.3	BDL	<1.0	BDL	<1.6	BDL	<3.5	BDL
Los Alamos Canyon															
LA-6.6	27-Oct-98	1:00 PM	E/ST	<1.7	BDL	<0.48	BDL	<0.64	BDL	1.22	0.84	<0.75	BDL	<2.2	BDL
RIO GRANDE (WHITE ROCK CANYON)															
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	<0.58	BDL	0.35	0.17	<0.15	BDL	1.01	0.31	0.66	0.30	<0.58	BDL

DL - Detection limit/minimum detectable concentration.
< - Symbol indicates that the constituent was not detected above the detection limit/minimum detectable concentration.
* - Composite samples collected during times shown.
NA - Not analyzed
UNC - 2 sigma uncertainty.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
OF/SN - Sample collected downstream of ephemeral reach support primarily by outfall effluent and some snowmelt runoff.
OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 25 - NMED DOE Oversight Bureau Suspended-Sediment Results:Radionuclides (Gamma Spec)2.

STATION ID	Date	Time	Type	208Tl (pCi/g)	unc	214Bi (pCi/g)	unc	212Bi (pCi/g)	unc	22Na (pCi/g)	unc	235U (pCi/g)	unc
ANCHO CANYON & TRIBUTARIES													
AB-2	28-Jul-98	2:00 PM	E/ST	<0.32	BDL	<0.64	BDL	<4.3	BDL	<0.39	BDL	<1.1	BDL
LOS ALAMOS CANYON & TRIBUTARIES													
DP Canyon													
DP-0.01 (ES STA. DPS-4)	13-Aug-98	7:27-7:42 AM	E/ST	<0.92	BDL	<1.9	BDL	<14	BDL	<1.0	BDL	<3.5	BDL
	13-Aug-98	7:47-8:02 AM	E/ST	<2.2	BDL	<3.9	BDL	<26	BDL	<2.4	BDL	<7.5	BDL
	13-Aug-98	8:07-8:22 AM	E/ST	<2.9	BDL	<4.8	BDL	<35	BDL	<4.2	BDL	<9.0	BDL
	27-Oct-98	12:50 PM	E/ST	<1.2	BDL	<2.0	BDL	<13	BDL	<1.3	BDL	<3.1	BDL
Los Alamos Canyon													
LA-6.6	27-Oct-98	1:00 PM	E/ST	<0.54	BDL	<1.1	BDL	<5.4	BDL	<0.44	BDL	<1.4	BDL
RIO GRANDE (WHITE ROCK CANYON)													
Rio Grande @ Chaquehui Canyon	30-Sep-98	7:30 AM	P/ST	0.25	0.17	0.48	0.33	<2.2	BDL	<0.25	BDL	<0.48	BDL

DL - Detection limit/minimum detectable concentration.
< - Symbol indicates that the constituent was not detected above the detection limit/minimum detectable concentration.
*** - Composite samples collected during times shown.**
NA - Not analyzed
UNC - 2 sigma uncertainty.

Surface Water Types
EBW - Ephemeral body of water, e.g., pond.
E/D - Ephemeral reach without contributions from storm-water and/or snowmelt runoff (supported by delayed flow after storm or snowmelt events).
E/SM - Ephemeral reach with contributions mainly from snowmelt runoff.
E/ST - Ephemeral reach with contributions mainly from storm-water runoff.
DOF/ST - Deleted or inactive outfall, support primarily by delayed flow from storm-water runoff.
OF - Outfall sample collected at the point of effluent discharge.
OF/DS - Sample collected downstream of an outfall(s) in ephemeral reach support primarily by outfall effluent.
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OF/ST - Sample collected downstream of ephemeral reach support primarily by outfall effluent and delayed flow from storm-water runoff.
P - Perennial reach without significant contributions from storm-water and/or snowmelt runoff (supported by baseflow).
P/SM - Perennial reach with some contributions from snowmelt runoff.
P/ST - Perennial reach with some contributions from storm-water runoff.
P?/ST - Probable perennial reach with some contributions from storm-water runoff.
P? - Probable perennial reach without contributions from storm-water and/or snowmelt runoff.

Table 26 - NMED DOE Oversight Bureau Suspended-Sediment Results: PCB/Pesticides.

SAMPLE ID:	SA-7.0		DP-0.01 (ES STA. DPS-4)		TA-53 Drainage	
SAMPLING DATE:	1-Jul-98	7:30 PM	9-Jul-99	5:30 PM	6-Aug-99	4:30 PM
UNITS	ug/kg	DL	ug/kg	DL	ug/kg	DL
PARAMETER	Method: 8081		Method: 8082		Method: 8082	
alpha-BHC	ND	2.9	NA	-	NA	-
gamma-BHC	ND	2.9	NA	-	NA	-
Heptachlor	ND	2.9	NA	-	NA	-
Aldrin	ND	2.9	NA	-	NA	-
beta-BHC	ND	2.9	NA	-	NA	-
delta-BHC	ND	2.9	NA	-	NA	-
Heptachlor Epoxide	ND	2.9	NA	-	NA	-
Endosulfan I	ND	2.9	NA	-	NA	-
Gamma Chlordane	ND	2.9	NA	-	NA	-
Alpha Chlordane	ND	2.9	NA	-	NA	-
4,4'-DDE	ND	5.8	NA	-	NA	-
Dieldrin	ND	5.8	NA	-	NA	-
Endrin	ND	5.8	NA	-	NA	-
4,4'-DDD	ND	5.8	NA	-	NA	-
Endosulfan II	ND	5.8	NA	-	NA	-
4,4'-DDT	ND	5.8	NA	-	NA	-
Endrin Aldehyde	ND	5.8	NA	-	NA	-
Methoxychlor	ND	29	NA	-	NA	-
Endosulfan Sulfate	ND	5.8	NA	-	NA	-
Endin Ketone	ND	5.8	NA	-	NA	-
Toxaphene	ND	290	NA	-	NA	-
Aroclor 1016	ND	58	ND	60	ND §	33
Aroclor 1221	ND	116	ND	120	ND §	67
Aroclor 1232	ND	58	ND	60	ND §	33
Aroclor 1242	ND	58	ND	60	ND §	33
Aroclor 1248	ND	58	ND	60	ND §	33
Aroclor 1254	ND	58	ND	60	ND §	33
Aroclor 1260	ND	58	ND	60	ND §	33
Aroclor 1262	NA	-	NA	-	NA	-
Aroclor 1268	NA	-	NA	-	NA	-

NA - Not analyzed or not available

ND - Not detected

DL - Detection limit (ug/L)

J - Estimated value; result between the the method detection limit and the reporting limit.

B - Analyte found in blank.

§ - Holding Times Broken