General

2000 STORMWATER

13588

Table 1 N[illegible] ...OE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-1

Sample ID	Sample Location	Date	Time	Dissolved / Total	Al (mg/L)	Al DL	Sb (mg/L)	Sb DL	As (mg/L)	As DL	Ba (mg/L)	Ba DL	Be (mg/L)	Be DL	Cd (mg/L)	Cd DL	Cu (mg/L)	Cu DL	Cr (mg/L)	Cr 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

Table 1 N[illegible] Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-1

Sample ID	Sample Location	Date	Time	Dissolved / Total	Al (mg/L)	Al DL	Sb (mg/L)	Sb DL	As (mg/L)	As DL	Ba (mg/L)	Ba DL	Be (mg/L)	Be DL	Cd (mg/L)	Cd DL	Ca (mg/L)	Ca DL	Cr (mg/L)	Cr DL
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

Table 1 NM DE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-1

Sample ID	Sample Location	Date	Time	Dissolved / Total	Al (mg/L)	Al DL	Sb (mg/L)	Sb DL	As (mg/L)	As DL	Ba (mg/L)	Ba DL	Be (mg/L)	Be DL	Cd (mg/L)	Cd DL	Ca (mg/L)	Ca DL	Cr (mg/L)	Cr DL
PA@TM	Pajarito @ Two Mile Canyon	08/24/00	9:55	Tot 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	0.181	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 [illegible] **DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-2**

[illegible] 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
[illegible] Canyon Watershed																					
[illegible] 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	*		
[illegible] 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
[illegible] & 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
[illegible] 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 Structure	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

Table 2 [illegible] DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-2

Sample ID	Sample Location	Date	Time	Dissolved / Total		Co (mg/L)	DL		Cu (mg/L)	DL		Fe (mg/L)	DL		Pb (mg/L)	DL		Mg (mg/L)	DL		Mn (mg/L)	DL		Hg (mg/L)	DL	Qual.		Ni (mg/L)	DL
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
[illegible] 0.6	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
[illegible] 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
[illegible] 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
[illegible]EA 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

Table 2 N. 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	Qual.	Ni (mg/L)	Ni DL
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
[illegible]	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
[illegible] 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																					
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	< 0.0002	0.0002	*		
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		0.00265	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		0.00182	0.00006
[illegible] 4 (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
[illegible]																					
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	*		

[illegible] less than the sample specific reporting limits
[illegible] was analysed beyond the required holding time
[illegible] be considered an estimate due to calibration failure

DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-3

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 Reservoir	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 Reservoir	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 Discharge	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 Discharge	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 Discharge	09/12/00	10:33	Total																
LA 5.0	Los Alamos Canyon - Sediment Retention Structure Discharge	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 502	09/08/00	18:31	Total															0.00111	0.00002
GU 0.01	Guaje Canyon at State Road 502	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

Table 3 DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-3

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
Pajarito Canyon Watershed																				
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 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 aboveSR 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 aboveSR 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 aboveSR 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 aboveSR 501	11/02/00	10:00	Dissolved																
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 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 501	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 Gulch	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 Gulch	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 Canyon	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 Canyon	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 Canyon	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 Canyon	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		
54 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
TA-54 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

Table 3 ... D DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Metals-3

...ple 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
...anyon Watershed																				
...A 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 501	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 501	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 4	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		
...B 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
...rande																				
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																

...is less than the sample specific reporting limits

...le was analysed beyond the required holding time

Value considered an estimate due to calibration failure

Table 4 N[illegible]D 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	Tl (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																		
[illegible]	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																		
[illegible]	S Fork Acid Canyon above conf. with Acid	10/12/00	12:00	Dissolved																		
[illegible]	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																		
[illegible]	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
[illegible]	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
[illegible]	Los Alamos Canyon @ Skate Rink Gage	10/28/00	13:45	Dissolved																		
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	10/28/00	10:05	Dissolved																		

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	Tl (mg/L)	DL
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																						
[illegible]	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										
[illegible]	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																		
[illegible]	Pajarito Canyon @ SR 501	10/28/00	13:00	Dissolved																		
[illegible]	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												
[illegible]	Pajarito Canyon @ Twomile Canyon Confluence (PA 6.7 Dup)	06/29/00	9:30	Ttl Recoverable																		
[illegible] 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																		

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

[illegible]	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
[illegible] 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																		
[illegible]	Water Canyon @ SR 4	08/14/00	13:40	Total																		
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	14:40	Dissolved																		
[illegible] Watershed																						
[illegible]	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 (08311268)	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 [illegible]	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00		Total																		
[illegible] 60 ft [illegible]	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00		Dissolved																		
[illegible] 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			
Date	08/31/00				08/31/00				08/31/00				08/31/00			
Sample Location	Upstream from Los Alamos Reservoir				Upstream from Los Alamos Reservoir				LA Reservoir Depth Integrated Sample				LA Reservoir Depth Integrated Sample			
Sample ID	LA-12.5				LA-12.5				LA 12.0				LA 12.0			
	Total				Dissolved				Dissolved				Total			
Nuclide Name	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	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	
^{110m}Ag	6.0	12.1	20.4	U	-5.9	9.0	14.7	U	-8.4	8.8	14.4	U	-1.2	11.9	19.9	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
^{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
^{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
^{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	
^{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
^{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
^{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
^{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
^{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
^{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
^{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
^{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
^{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
^{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
^{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
^{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
^{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
^{131}I	3	12	20	U	-5	9	15	U	2	3	4	U	-1	4	6	U
^{40}K	149	12.3	8.3		197	10.9	5.4		195	10.4	6		148	12.4	8.2	
^{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
^{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
^{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
^{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
^{234m}Pa	114	85.3	146	U	190	90.8	96		126	88.3	97		56	88.4	147	U
^{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	
^{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	
^{106}Ru	39.9	5.4	3.8		46	5	2.7		44.1	4	2.7		38.4	5.3	3.8	
^{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
^{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
^{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
^{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
^{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	
^{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	
^{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	
^{235}U	2.0	0.8	5	U	4.7	0.9	4		5.1	0.8	4		2.2	1.0	5	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

MDC - Minimum Detection Concentration
Uncertanty
SC - Spectral interference prevents accurate quantitation
U - Result is less than sample specific MDC or less than the associated

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			
Date	10/28/00			10/23/00				09/08/00				10/12/00			
Sample Location	Los Alamos Canyon @ Skate Rink Gage			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			
Sample ID	LA 10.5			SFAC 0.01				SFAC 0.01				SFAC 0.01			
	Dissolved			Dissolved				Dissolved				Dissolved			
Nuclide Name	(pCi/L)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual
^{228}Ac	9.5 +/- 5.6	10.3	U	4.3	3.0	5.2	U	35.2	13.5	17.5		29.8	23.0	29.4	
^{110m}Ag	-22.9 +/- 40.2	65.3	U	13.6	17.1	29.3	U	32.7	68.5	115.0	U	-8.8	102.0	170.0	U
^{26}Al															
^{241}Am	6.5 +/- 5.9	8.9	U	0.2	2.0	2.6	U	4.8	8.6	10.0	U	9.4	9.7	14.4	U
^{7}Be	-17.8 +/- 23.5	37.6	U	1.5	8.1	13.7	U	18.3	31.1	52.4	U	10.8	53.4	89.6	U
^{212}Bi	26.2 +/- 21.8	37.8	U	7.0	11.4	19.2	U	75.4	44.1	75.2		117.0	64.3	111.0	
^{214}Bi	40.6 +/- 6.6	5.3		7.4	2.7	2.6		65.7	10.2	10.2		46.8	12.7	18.1	
^{139}Ce	-1.8 +/- 1.8	2.9	U	-0.25	0.7	1	U	0.50	2.7	5	U	3.70	4.2	7	U
^{144}Ce	-2.9 +/- 10.9	18.0	U	-3.6	4.5	7.4	U	-6.2	18.5	28.6	U	-10.5	27.0	43.1	U
^{56}Co	2.1 +/- 2.4	4.3	U	-0.4	1.0	1.5	U	3.7	3.9	6.5	U	5.5	6.2	10.4	U
^{57}Co	-0.5 +/- 1.4	2.4	U	0.27	0.6	0.9	U	1.60	2.2	3.7	U	0.55	3.3	5.5	U
^{58}Co	0.4 +/- 2.4	4.0	U	-0.15	1.0	1.6	U	1.10	4.0	6.2	U	2.00	5.9	9.8	U
^{60}Co	0.7 +/- 1.8	3.0	U	-0.14	0.8	1.4	U	3.70	3.3	5.7	U	3.00	4.8	8.2	U
^{51}Cr	39.5 +/- 41.3	68.1	U	-0.2	11.1	18	U	7.9	40.6	66	U	1.6	80.1	130	U
^{134}Cs	-0.4 +/- 1.9	2.7	U	0.17	0.9	1.2	U	-0.50	4.8	5.1	U	-0.62	5.3	7.5	U
^{137}Cs	-0.6 +/- 1.8	2.8	U	0.29	0.8	1.3	U	0.70	3.3	5.4	U	-0.83	4.7	7.7	U
^{152}Eu	6.1 +/- 8.5	14.6	U	2.50	4.0	6.9	U	13.30	20.7	26.0	U	-3.60	22.3	36.8	U
^{154}Eu	-0.1 +/- 2.7	4.5	U	0.14	1.1	1.9	U	1.90	4.4	7.3	U	-2.80	6.5	10.6	U
^{155}Eu	2.4 +/- 3.5	6.1	U	2.3	1.5	2.3		8.1	6.0	8.8	U	12.9	8.6	12.7	
^{59}Fe	-3.7 +/- 6.2	9.7	U	-0.3	2.4	3.8	U	3.6	8.5	13.9	U	7.3	15.4	25.4	U
^{131}I	-47.2 +/- 84.2	139	U	-4	6	10	U	12	20	33	U	7	81	130	U
^{40}K	386 +/- 42.2	24.8		163	20	13.5		1140	70.9	46.5		1390	120	67.5	
^{54}Mn	0.3 +/- 1.8	3.0	U	-0.51	0.8	1.3	U	-2.50	3.2	5.2	U	-5.00	4.9	7.7	U
^{22}Na	-1.2 +/- 1.7	2.6	U	0.03	0.8	1.4	U	-1.30	3.4	5.4	U	-0.29	5.0	8.3	U
^{94}Nb	-0.7 +/- 1.5	2.5	U	0.47	0.8	1.3	U	1.00	3.1	5.1	U	2.20	4.4	7.4	U
^{95}Nb	0.7 +/- 4.0	6.4	U	1.5	1.2	2	U	6.4	4.7	8	U	5.1	8.5	14	U
^{234m}Pa	528 +/- 268	499.0		146	126.0	217	U	372	501.0	832	U	304	697.0	4490	U
^{212}Pb	7.7 +/- 4.3	4.6		4.6	1.8	2.1		39.4	6.1	7.9		26.5	10.0	11.7	
^{214}Pb	32.9 +/- 4.9	5.7		6.9	2.0	2.6		56.4	8.0	10.3		32.8	12.2	14.6	
^{106}Ru	103 +/- 19.4	11.3		47.5	7.1	5.4		344	27.6	21.4		377	47.7	31	
^{124}Sb	-0.1 +/- 3.2	4.5	U	-0.5	1.2	1.6	U	1.6	7.0	6.4	U	-5.5	7.7	10.7	U
^{125}Sb	0.6 +/- 4.5	7.5	U	1.80	2.0	3.4	U	1.60	8.0	13.5	U	0.45	11.8	19.9	U
^{46}Sc	13.9 +/- 4.9	4.2		1.7	1.2	2.0	U	14.7	6.6	6.3		8.1	7.0	11.9	U
^{85}Sr	5.3 +/- 2.4	4.4		5.5	1.1	1.9		39.2	4.2	7.2		48.8	7	11.9	
^{227}Th	1.3 +/- 12.5	18.1	U	10.5	5.7	8.5		56.6	22.8	33.1		64.5	32.6	47.8	
^{234}Th	156 +/- 64.6	34.5		24.7	16.3	13.6		260.0	75.3	52.6		252.0	99.1	76.6	
^{208}Tl	4.7 +/- 3.0	2.4		1.7	1.2	1.3		17.2	4.9	5.1		15.5	5.6	7.3	
^{235}U	10.4 +/- 3.6	18.4	U	1.7	1.2	8	U	13.2	4.7	30	U	21.1	7.4	44	U
^{65}Zn	-0.4 +/- 4.5	6.3	U	-1.9	2.0	3.1	U	1.0	8.7	12.1	U	-11.6	11.4	17.8	U

MD[illegible] Minimum Detection Concentration
U[illegible] sigma
S[illegible] terference prevents accurate quantitatio[illegible]
U[illegible] s than the sample specific MDC or less [illegible]an the [illegible]U

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			
Date	10/13/00				09/08/00				10/12/00				09/08/00			
Sample Location	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				Pueblo Canyon @ confluence with Pueblo North (PUN)			
Sample ID	SFAC 0.01				AC-0.5				AC-0.5				PU 6.7			
	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
^{228}Ac	33.8	17.3	30.0		51.3	10.2	11.6		41.3	11.7	16.8		5.4	1.8	2.2	
^{110m}Ag	53.0	103.0	174.0	U	-6.9	49.7	82.6	U	46.3	75.3	127.0	U	4.6	9.0	15.1	U
^{26}Al																
^{241}Am	9.1	12.6	14.7	U	2.9	7.5	11.7	U	5.1	10.5	16.5	U	0.6	1.4	2.1	U
^{7}Be	-1.1	56.8	94.9	U	1.6	23.0	38.1	U	-7.5	41.8	69.0	U	0.2	4.0	6.7	U
^{212}Bi	49.3	63.9	108.0	U	39.3	34.7	48.1	U	39.4	43.6	72.2	U	5.4	5.6	9.3	U
^{214}Bi	88.5	14.5	14.9		49.4	7.4	7.2		81.7	11.9	10.2		18.0	1.5	1.3	
^{139}Ce	0.63	4.4	7	U	1.80	2.4	4	U	0.75	3.5	6	U	-0.40	0.4	1	U
^{144}Ce	-5.9	28.4	44.1	U	-0.3	14.5	24.0	U	5.5	21.6	36.0	U	0.5	2.6	4.4	U
^{56}Co	-0.1	6.5	10.7	U	0.5	2.6	4.3	U	-0.1	4.3	7.3	U	0.1	0.5	0.8	U
^{57}Co	-1.60	3.4	5.6	U	-0.01	1.8	3.1	U	-0.32	2.8	4.6	U	-0.40	0.3	0.5	U
^{58}Co	-3.30	6.3	10.2	U	-1.00	2.4	4.1	U	4.30	4.5	7.3	U	-0.10	0.4	0.7	U
^{60}Co	1.80	4.9	8.3	U	2.90	2.3	3.8	U	39.80	4.4	5.2		-0.01	0.4	0.7	U
^{51}Cr	12.3	91.9	149	U	6.4	32.3	51	U	-24.4	77.4	122	U	-1.5	5.3	8	U
^{134}Cs	-5.00	5.4	7.4	U	0.80	2.5	3.6	U	4.00	4.8	5.2	U	-0.40	0.5	0.6	U
^{137}Cs	-0.48	4.6	7.6	U	0.10	2.3	3.7	U	1.20	3.3	5.4	U	-0.50	0.5	0.7	U
^{152}Eu	23.40	23.2	40.5	U	14.60	10.8	18.3	U	10.80	15.7	26.3	U	2.40	2.0	3.5	U
^{154}Eu	-0.54	6.5	10.8	U	-1.60	3.7	6.1	U	4.20	5.2	8.8	U	-0.40	0.7	1.1	U
^{155}Eu	11.2	8.5	13.1	U	5.6	5.1	7.9	U	11.1	9.2	11.5	U	1.6	1.2	1.5	
^{59}Fe	13.2	16.3	27.3	U	-3.0	5.7	9.3	U	-2.8	11.6	19.0	U	-0.4	1.0	1.6	U
^{131}I	-79	136	216	U	-8	14	24	U	-72	126	210	U	0	2	3	U
^{40}K	1300	120	66.5		1510	62.4	32.8		1590	84	42.6		241	12	6.1	
^{54}Mn	2.70	5.0	8.3	U	-2.00	2.2	3.6	U	2.50	3.4	5.8	U	-0.01	0.4	0.7	U
^{22}Na	-2.70	5.0	8.1	U	1.80	2.3	3.9	U	-0.54	3.2	5.2	U	0.20	0.4	0.7	U
^{94}Nb	3.10	4.5	7.5	U	-0.80	2.1	3.4	U	-2.60	3.0	4.8	U	-0.06	0.4	0.6	U
^{95}Nb	5.6	9.7	16	U	2.4	3.4	6	U	-5.8	7.6	12	U	0.6	0.6	1	U
^{234m}Pa	726	730.0	1230	U	994	532.0	534		397	779.0	765	U	96	62.7	109	U
^{212}Pb	41.4	10.2	12.2		19.6	5.4	6.4		22.8	8.4	9		4.1	0.9	1.2	
^{214}Pb	86.3	14.1	14.5		31.9	6.1	7.7		63.1	9.7	10.6		16.2	1.3	1.4	
^{106}Ru	373	50.5	31.5		363	27.3	15		374	36.7	22		43	4.6	2.7	
^{124}Sb	-8.1	8.2	11.3	U	-1.5	2.9	4.5	U	13.1	5.3	8.3		0.4	0.5	0.8	U
^{125}Sb	-7.60	11.9	19.7	U	0.80	6.0	10.1	U	-4.10	8.6	14.3	U	-1.20	1.1	1.7	U
^{46}Sc	39.6	18.0	10.8		17.9	4.6	4.5		27.3	8.0	7.7		4.5	0.8	0.8	
^{85}Sr	51.7	7.4	12.7		16.3	2.6	4.7		17.8	4.5	8.1		1.7	0.5	0.8	
^{227}Th	66.6	33.8	49.5		-4.7	17.2	24.5	U	9.5	24.1	34.9	U	-1.1	3.2	4.6	U
^{234}Th	197.0	92.9	77.8		702.0	69.4	47		735.0	110.0	68.1		76.5	15.8	8.9	
^{208}Tl	21.6	7.5	7.5		8	2.9	3.6		12.1	5.1	5.2		2.7	0.6	0.6	
^{235}U	24.3	8.4	44	U	33.0	4.7	24		37.3	6.7	34		4.2	0.9	5	U
^{65}Zn	3.1	12.9	18.2	U	1.2	5.5	7.9	U	1.1	8.4	12.0	U	0.0	1.0	1.4	U

- Minimum Detection Concentration
nty - 2 sigma
ctral Interference prevents accurate quantitation
t is less than the sample specific MDC or less than ted TPU

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		
Date	09/08/00				10/28/00			09/08/00				10/28/00		
Sample Location	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		
Sample ID	PUN 0.01				PUN 0.01			PU 2.0				PU 2.0		
	Dissolved				Dissolved			Dissolved				Dissolved		
Nuclide Name	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	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
^{110m}Ag	-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
^{26}Al														
^{241}Am	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
^{7}Be	-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
^{212}Bi	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
^{214}Bi	13.8	1.7	1.8		42.7 +/- 7.6	7.5		13.6	1.8	1.8		10.1 +/- 3.2	3.8	
^{139}Ce	-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
^{144}Ce	-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
^{56}Co	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
^{57}Co	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
^{58}Co	-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
^{60}Co	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
^{51}Cr	-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
^{134}Cs	-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
^{137}Cs	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
^{152}Eu	-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
^{154}Eu	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
^{155}Eu	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
^{59}Fe	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
^{131}I	-1	3	4	U	-113 +/- 123	190	U	-1	3	5	U	-23.9 +/- 39.1	61	U
^{40}K	165	15.4	8.5		303 +/- 49.8	40		137	12.6	7.9		168 +/- 27.2	16.9	
^{54}Mn	-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
^{22}Na	-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
^{94}Nb	-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
^{95}Nb	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
^{234m}Pa	25	89.2	147	U	101 +/- 382	633.0	U	163	89.7	156		81.6 +/- 185	311.0	U
^{212}Pb	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
^{214}Pb	9.9	1.5	1.8		30.8 +/- 7.7	7.8		12	1.4	1.8		11.5 +/- 4.2	3.7	
^{106}Ru	39.8	4.5	3.8		93.9 +/- 23.6	17.8		40	5.3	3.8		57.1 +/- 11.3	7.7	
^{124}Sb	-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
^{125}Sb	-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
^{46}Sc	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
^{85}Sr	4	0.7	1.2		15.0 +/- 4.3	7.4		4.8	0.7	1.2		5.5 +/- 1.7	3.1	
^{227}Th	6.4	4.2	6		30.6 +/- 17.4	26.2		10.2	4	5.9		16.9 +/- 8.3	12.7	U
^{234}Th	29.1	12.6	9.6		67.9 +/- 29.0	40.9		32.3	17.6	9.5		42.4 +/- 19.2	20.3	
^{208}Tl	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
^{235}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
^{65}Zn	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

MDC - Minimum Detection Concentration
Uncertainty - 2 sigma
Spectral Interference prevents accurate quantit
Result is less than the sample specific MDC or le

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

Watershed	Los Alamos			Los Alamos				Los Alamos				Pajarito			
Date	10/28/00			09/12/00				9/8/200				09/08/00			
Sample Location	Outlet of Los Alamos Canyon Sed. Retention Structure			Outlet of Los Alamos Canyon Sed. Retention Structure				Guaje @ SR 502				Pajarito Canyon @ SR 501			
Sample ID	LA 5.0			LA 5.0				GU 0.01				PA 10.4			
	Dissolved			Dissolved				Dissolved				Dissolved			
Nuclide Name	(pCi/L)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual	(pCi/L)	Unc.(+/-)	MDC	Qual
^{228}Ac	4.9 +/- 2.8	5.1	U	6.8	1.8	2.1		11.6	6.5	8.7		11.0	5.9	8.5	
^{110m}Ag	7.2+/- 18.5	31.3	U	-6.7	9.0	14.8	U	-25.0	34.9	56.6	U	1.0	33.9	56.5	U
^{26}Al															
^{241}Am	-3.8 +/- 3.0	4.1	U	0.6	1.4	2.1	U	2.0	4.4	6.9	U	1.4	4.4	6.8	U
^{7}Be	3.4 +/- 10.1	17.1	U	-1.2	4.0	6.6	U	26.0	31.2	53.4	U	-21.3	30.9	49.9	U
^{212}Bi	-8.9 +/- 11.3	17.1	U	4.3	5.5	9.1	U	8.5	18.4	30.4	U	0.2	17.3	27.9	U
^{214}Bi	11.0 +/- 2.8	2.5		12.9	1.5	1.3		21.7	4.5	4.2		7.9	4.2	4	
^{139}Ce	-1.4 +/- 0.9	1.3	U	-0.10	0.4	1	U	0.07	1.8	3	U	-1.70	1.8	3	U
^{144}Ce	4.5 +/- 5.3	9.0	U	-1.2	2.6	4.2	U	1.7	9.8	16.4	U	6.9	9.6	16.0	U
^{56}Co	0.38 +/- 1.1	1.9	U	0.3	0.4	0.8	U	1.5	2.6	4.5	U	-1.9	2.6	4.2	U
^{57}Co	0.6 +/- 0.7	1.2	U	0.20	0.3	0.6	U	-0.51	1.2	2.1	U	-0.42	1.3	2.1	U
^{58}Co	-0.61 +/- 1.2	1.9	U	-0.20	0.4	0.7	U	-0.90	2.8	4.4	U	1.70	2.8	4.7	U
^{60}Co	-0.05 +/- 0.9	1.4	U	0.07	0.4	0.6	U	1.93	1.5	2.6	U	-1.10	1.3	2.0	U
^{51}Cr	-8.1 +/- 17.8	27.7	U	4.0	5.4	9	U	-48.3	91.5	142	U	49.7	8.9	144	U
^{134}Cs	-0.1 +/- 0.8	1.2	U	-0.10	0.4	0.6	U	-0.35	1.6	2.2	U	-0.44	1.5	2.2	U
^{137}Cs	0.1 +/- 0.8	1.3	U	0.20	0.4	0.7	U	-0.68	1.4	2.1	U	0.26	1.3	2.2	U
^{152}Eu	1.8 +/- 3.7	6.2	U	0.40	2.0	3.2	U	0.47	6.5	10.5	U	-0.76	6.4	10.2	U
^{154}Eu	-0.6 +/- 1.3	2.2	U	-0.20	0.7	1.1	U	0.41	2.2	3.6	U	-0.98	2.2	3.6	U
^{155}Eu	-1.0 +/- 1.7	2.8	U	0.6	0.9	1.4	U	1.3	2.9	4.9	U	-1.3	2.8	4.7	U
^{59}Fe	1.5 +/- 2.7	4.6	U	0.1	1.0	1.7	U	7.0	8.7	1.4		4.1	8.2	14.0	U
^{131}I	23.0 +/- 26.0	45	U	1	2	4	U	11100	31000	52900	U	757	2160	3680	U
^{40}K	184 +/- 20.9	12		227	11.1	5.3		416	34.1	20.3		434	38.1	17.9	
^{54}Mn	-1.0 +/- 0.8	1.3	U	-0.20	0.4	0.6	U	-0.03	1.5	2.4	U	0.96	1.5	2.6	U
^{22}Na	-0.4 +/- 0.9	1.4	U	-0.10	0.4	0.6	U	-1.14	1.5	2.3	U	-1.40	1.3	2.0	U
^{94}Nb	-0.8 +/- 0.8	1.2	U	-0.10	0.4	0.6	U	-0.59	1.2	1.9	U	-0.27	1.2	2.0	U
^{95}Nb	-0.6 +/- 1.8	2.8	U	0.2	0.6	1	U	6.9	7.1	12	U	3.0	6.7	11	U
^{234m}Pa	181 +/- 174	197.0	U	118	82.6	97		112	19.4	334	U	351	191.0	351	
^{212}Pb	1.5 +/- 1.5	2.5	U	3.1	1.0	1.2		5.9	2.8	3.9		5.7	3.2	3.8	
^{214}Pb	6.0 +/- 2.3	2.9		9.9	1.1	1.4		14.2	4.0	4.6		6.6	3.2	5	
^{106}Ru	49.6 +/- 8.0	5.7		43.1	4.1	2.8		88.8	16.3	10.4		97.8	14.1	9.9	
^{124}Sb	-1.5 +/- 1.4	1.9	U	-0.2	0.5	0.8	U	2.2	3.5	5.7	U	-1.2	3.7	5.5	U
^{125}Sb	-0.38 +/- 2.1	3.5	U	-0.50	1.1	1.8	U	0.13	3.7	6.2	U	-0.22	3.6	6.0	U
^{46}Sc	2.1 +/- 1.7	2.4	U	3.7	0.8	0.8		8.3	4.0	4.7		6.8	4.7	4.3	
^{85}Sr	1.8 +/- 1.3	2	U	2.1	0.5	0.8		4.6	3.3	5.1	U	5.6	3.2	5.1	
^{227}Th	-7.1 +/- 5.7	8.8	U	0.3	3.1	4.4	U	1.45	10.1	14.5	U	3.3	10	14.5	U
^{234}Th	81.1 +/- 30.7	17.2		83.7	17.6	8.4		20.0	60.8	28.1	U	170.0	50.7	27.7	
^{208}Tl	2.7 +/- 1.4	1.2	U	2.4	0.7	0.7		4	1.9	2.1		3.2	1.9	2.1	
^{235}U	4.2 +/- 1.8	8.9	U	4.8	0.9	4		9.9	3.1	15	U	8.5	2.6	15	U
^{65}Zn	1.1 +/- 2.1	3.2	U	1.0	1.0	1.4	U	-2.6	4.0	5.4	U	0.5	3.7	5.4	U

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

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

Watershed	Pajarito			Pajarito			Pajarito			Pajarito		
Date	10/28/00			05/02/00			05/25/00			07/24/00		
Sample Location	Pajarito Canyon @ SR 501			Pajarito Canyon @ Waterfall aboveSR 501			Pajarito Canyon @ Waterfall aboveSR 501			Pajarito Canyon @ Waterfall aboveSR 501		
Sample ID	PA 10.4			PA-10.6			PA-10.6			PA-10.6		
	Dissolved			Total			Total			Total		
Nuclide Name	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	5.5 +/- 4.2	7.5	U	35 +/- 29	22.0		15 +/- 20	19.0	U	ND	70.0	
^{110m}Ag	-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	-0.7 +/- 2.6	3.8	U	0 +/- 0	26.0	SQ	-6 +/- 16	27.0	U	ND	70.0	
^{7}Be	5.2 +/- 15.7	26.5	U	-20 +/- 300	130.0	U	-20 +/- 180	100.0	U	ND	200.0	
^{212}Bi	15.9 +/- 18.0	31.0	U	-5 +/- 51	39.0	U	-10 +/- 120	39.0	U	ND	300.0	
^{214}Bi	10.0 +/- 4.3	5		8 +/- 13	12	U	2.3 +/- 9.8	13	U	ND	60	
^{139}Ce	-0.4 +/- 1.1	1.9	U	0.9 +/- 5.4	5.4	U	0.4 +/- 4.7	5.3	U			
^{144}Ce	4.5 +/- 7.1	11.9	U	4 +/- 24	31.0	U	2 +/- 23	32.0	U			
^{56}Co	-0.4 +/- 1.8	2.9	U	0 +/- 18	12.0	U	1 +/- 11	9.3	U			
^{57}Co	0.2 +/- 0.9	1.5	U	-0.6 +/- 3.2	4.2	U	0.7 +/- 3.0	4.2	U			
^{58}Co	1.1 +/- 1.8	3.0	U	3 +/- 19	12.0	U	0 +/- 11	8.9	U			
^{60}Co	4.8 +/- 1.3	2.0		-0.9 +/- 3.1	5.1	U	0.6 +/- 2.9	4.9	U	ND	30.0	
^{51}Cr	2.5 +/- 25.7	41.6	U	0 +/- 3400	410.0	U	0 +/- 1200	270.0	U			
^{134}Cs	0.9 +/- 1.3	1.9	U	0.2 +/- 3.2	4.9	U	0.9 +/- 3.2	5.1	U			
^{137}Cs	0.4 +/- 1.3	2.1	U	-0.2 +/- 2.6	4.5	U	-1.4 +/- 2.9	4.9	U			
^{152}Eu	0.4 +/- 6.2	10.5	U	-0.4 +/- 8.0	13.0	U	2.5 +/- 8.5	14.0	U			
^{154}Eu	0.6 +/- 1.7	2.8	U	9 +/- 13	22.0	U	-6 +/- 16	27.0	U			
^{155}Eu	-0.02 +/- 2.1	3.3	U	3.1 +/- 8.9	14.0	U	3.2 +/- 9.3	15.0	U			
^{59}Fe	2.5 +/- 4.6	7.8	U	0 +/- 130	46.0	U	-5 +/- 68	33.0	U			
^{131}I	4.8 +/- 43.9	71	U	0 +/- 0	0	SQ	0 +/- 0	0	SQ			
^{40}K	166 +/- 24.9	19.9		32 +/- 62	76	U	-38 +/- 99	86	U	ND	300	
^{54}Mn	0.6 +/- 1.3	2.2	U	-0.5 +/- 4.3	5.8	U	-0.3 +/- 3.6	5.2	U			
^{22}Na	-0.03 +/- 1.2	2.0	U	-1.1 +/- 3.3	5.3	U	0.0 +/- 2.9	4.8	U			
^{94}Nb	-0.8 +/- 1.2	1.9	U	-0.2 +/- 2.5	4.3	U	-0.6 +/- 2.7	4.7	U			
^{95}Nb	0.7 +/- 2.6	4.3	U	-1 +/- 22	12.0	U	3 +/- 14	9.6	U			
^{234m}Pa	37.5 +/- 176	291.0	U	-400 +/- 3100	750.0	U	-100 +/- 4100	800.0	U			
^{212}Pb	2.9 +/- 2.2	3.0	U	0 +/- 13	10.0	U	2.1 +/- 8.7	10.0	U	ND	70.0	
^{214}Pb	8.4 +/- 3.6	4.4		9 +/- 12	11.0	U	0 +/- 12	13.0	U	ND	70.0	
^{106}Ru	40.1 +/- 9.5	8.3		5 +/- 34	49	U	0 +/- 30	45	U			
^{124}Sb	0.1 +/- 2.1	3.0	U	1 +/- 29	15.0	U	1 +/- 18	12.0	U			
^{125}Sb	0.7 +/- 3.1	5.2	U	1.1 +/- 7.3	12.0	U	-0.2 +/-7.8	13.0	U			
^{46}Sc	2.3 +/- 2.1	3.7	U	0 +/- 14	10.0	U	1.5 +/- 8.7	7.6	U			
^{85}Sr	5.0 +/- 2.0	3.3		2 +/- 20	11	U	0 +/- 14	10	U			
^{227}Th	7.2 +/- 8.6	12.5	U	-5 +/- 48	24	U	-2 +/- 16	28	U			
^{234}Th	26.7 +/- 13.8	19.9		155 +/- 78	98.0	TI	-21 +/- 66	73.0	TI	ND	300.0	
^{208}Tl	1.9 +/- 1.2	2.2	U	10.1 +/- 5.9	4.9		-8 +/- 46	5.6	U	ND	20	
^{235}U	-2.5 +/- 6.9	11.3	U	1 +/- 14	24.0	U	0 +/- 16	27.0	U			
^{65}Zn	-2.8 +/- 3.3	4.9	U	0.1 +/- 8.3	11.0	U	0.6 +/- 8.9	12.0	U			

MDC - Minimum Detection Concentration
Uncertanty - 2 sigma
SQ - Spectral Interference prevent accur
U - Result is less than the sample specific M than the associated TPU

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

Watershed	Pajarito			Pajarito				Pajarito			Pajarito		
Date	07/24/00			06/29/00				10/28/00			06/15/00		
Sample Location	SR 501 Pond			Pajarito @ SR 501				Twomile Canyon @ SR 501			Pajarito Canyon upstream of Junction with Bulldog Gulch		
Sample ID	PA-10.6			PA 10.6				TM 3.1			PA 8.9		
	Total							Dissolved			Dissolved		
Nuclide Name	(pCi/L)	MDC	Qual	(pCi/g)	Unc.	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	ND	90.0		-15.0	38.0	17.0	U	10.1 +/- 3.5	4.2		-20 +/- 610	20.0	U
^{110m}Ag				0.4	2.5	3.9	U	14.7 +/- 18.5	31.9	U	-0.2 +/ -2.9	4.6	U
^{26}Al				0.6	2.8	4.9	U						
^{241}Am	ND	70.0		5.0	15.0	25.0	U	3.6 +/- 2.9	4.3	U	0 +/- 0	19.0	SQ
^{7}Be	ND	200.0		2.0	41.0	47.0	U	2.6 +/- 10.7	17.9	U	-3 +/- 49	55.0	U
^{212}Bi	ND	300.0		-4.0	50.0	33.0	U	7.0 +/- 10.6	17.8	U	9 +/- 23	39.0	U
^{214}Bi	ND	50		-8.0	19	13	U	9.7 +/- 2.3	2.7		-9 +/- 21	14	U
^{139}Ce				0.80	2.5	4	U	0.7 +/- 0.9	1.5	U	-0.8 +/- 3.0	4.3	U
^{144}Ce				2.0	15.0	24.0	U	3.1 +/- 5.4	9.1	U	5 +/- 18	29.0	U
^{56}Co				-0.4	4.2	5.5	U	-0.2 +/- 1.2	1.9	U	0.2 +/- 5.3	6.9	U
^{57}Co				0.60	2.0	3.1	U	0.3 +/- 0.7	1.2	U	0.7 +/- 2.4	3.8	U
^{58}Co				-0.40	4.0	5.1	U	0.4 +/- 1.1	1.9	U	.3 +/- 4.7	5.9	U
^{60}Co	ND	20.0		0.40	2.6	4.5	U	-0.01 +/- 0.8	1.2	U	-1.2 +/- 3.3	5.7	U
^{51}Cr				0.0	86.0	68	U	1.1 +/- 18.9	30.0	U	2 +/- 98	75.0	U
^{134}Cs				-0.60	2.2	3.7	U	0.2 +/- 0.9	1.3	U	1.3 +/- 2.8	4.7	U
^{137}Cs				0.10	2.3	4.0	U	-0.4 +/- 0.8	1.3	U	-0.2 +/- 2.9	4.9	U
^{152}Eu				2.90	7.0	12.0	U	5.3 +/- 4.1	7.4	U	1.3 +/- 8.6	15.0	U
^{154}Eu				-5.00	14.0	24.0	U	-0.2 +/- 1.3	2.2	U	0 +/- 16	28.0	U
^{155}Eu				-1.7	8.0	13	U	1.8 +/- 1.7	3.0	U	0 +/- 9.3	16.0	U
^{59}Fe				3.0	11.0	12.0	U	1.0 +/- 2.8	4.7	U	-4 +/- 16	17.0	U
^{131}I				0	490	58	U	36.1 +/- 28.0	50	U	-10 +/- 660	70	U
^{40}K	ND	200		87	78	79	B2	204 +/- 21.2	10.5		61 +/- 85	96	U
^{54}Mn				0.80	2.6	4.2	U	-0.3 +/- 0.8	1.4	U	-0.9 +/- 3.3	5.3	U
^{22}Na				-0.50	2.8	4.7	U	0.5 +/- 0.9	1.5	U	-0.9 +/- 3.2	5.4	U
^{94}Nb				0.30	2.4	4.2	U	-0.3 +/- 0.7	1.2	U	1.0 +/- 2.8	4.7	U
^{95}Nb				-0.4	4.5	6	U	1.1 +/- 1.8	3.0	U	-0.2 +/- 5.0	6.1	U
^{234m}Pa				-100	1400.0	680	U	19.1 +/- 124	208.0	U	-200 +/- 1900	870.0	U
^{212}Pb	ND	40.0		10.1	9.6	8.9		3.4 +/- 1.8	2.3		-1 +/- 11	10.0	U
^{214}Pb	ND	40.0		-5	14.0	12	U	6.9 +/- 2.3	2.8		-2.1 +/- 7.5	9.8	U
^{106}Ru				-2	24	38	U	47.2 +/- 9.4	5.9		10 +/- 28	45	U
^{124}Sb				0.3	3.8	4.5	U	0.2 +/- 1.3	2.1	U	-0.8+/- 6.1	7.2	U
^{125}Sb				6.50	5.9	11.0	U	-0.7 +/- 2.3	3.7	U	0.8 +/- 7.3	12.0	U
^{46}Sc				1.2	3.6	4.7	U	1.7 +/- 1.8	2.4	U	0.8 +/- 4.7	6.2	U
^{85}Sr				8.5	5.7	6.6	TI	2.7 +/- 1.3	2.1		1.1 +/- 4.7	5.7	U
^{227}Th				-10	120	26	U	-1.0 +/- 6.0	8.6	U	0 +/- 20	27	U
^{234}Th	ND	200.0		66.0	74.0	67	U	65.3 +/- 35.1	16.7		220 +/- 120	81.0	TI
^{208}Tl	ND	30		5.9	6.6	5.2	U	1.4 +/- 1.5	1.3		5.9 +/- 3.8	4.6	
^{235}U				2.0	14.0	24	U	4.2 +/- 1.8	9.0	U	4 +/- 16	27.0	U
^{65}Zn				0.6	5.9	9.3	U	0.2 +/- 2.0	2.9	U	0.2 +/- 7.2	11.0	U

MDC - Minimum Detection Concentr
Uncertainty - 2 sigma
SQ - Spectral Interference prevent ntitation
U - Result is less than the sample s. or less than the associated TPU

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

Watershed	Pajarito				Pajarito				Pajarito				Pajarito			
Date	08/24/00				08/24/00				06/29/00				06/29/00			
Sample Location	Pajarito Canyon @ jct with TwoMile Canyon				Pajarito Canyon @ jct with TwoMile Canyon				Pajarito Canyon @ Twomile Canyon Confluence				Pajarito Canyon @ Twomile Canyon Confluence			
Sample ID	PA 6.7				PA 6.7				PA 6.7				PA @ TM			
	Total				Dissolved											
Nuclide Name	(pCi/L)	UNC	MDC	Qual	(pCi/L)	UNC	MDC	Qual	(pCi/g)	Unc.	MDC	Qual	(pCi/g)	Unc.	MDC	Qual
^{228}Ac	20.2	14.5	24.7	U	41.3	7.2	8.6		-1.0	16.0	18.0	U	9.0	17.0	20.0	U
^{110m}Ag	-60.2	82.5	136.0	U	20.2	36.1	60.5	U	1.3	2.4	3.7	U	-0.7	2.9	4.5	U
^{26}Al									0.0	0.0	6.1	SQ	0.0	0.0	6.4	SQ
^{241}Am	12.2	8.6	12.7	U	4.0	5.6	8.8	U	1.0	14.0	25.0	U	-1.0	14.0	24.0	U
^{7}Be	4.3	33.2	55.6	U	-11.2	14.6	24.0	U	-6.0	40.0	47.0	U	0.0	43.0	50.0	U
^{212}Bi	14.9	54.6	90.8	U	32.0	23.0	37.9	U	2.0	20.0	34.0	U	0.0	22.0	37.0	U
^{214}Bi	81.0	14.9	12.9		115.0	30.8	5.4		10.3	6.3	11	U	17.0	13	12	
^{139}Ce	-2.00	3.2	5	U	-2.30	1.6	3	U	0.60	2.5	4	U	0.60	2.5	4	U
^{144}Ce	-22.8	22.2	33.9	U	-1.2	10.5	17.5	U	6.0	15.0	24.0	U	0.0	17.0	26.0	U
^{56}Co	-0.5	4.4	7.2	U	-1.2	1.7	2.8	U	1.2	4.1	5.4	U	3.1	3.9	6.2	U
^{57}Co	-3.20	2.7	4.3	U	-0.10	1.3	2.2	U	0.50	2.0	3.1	U	0.10	2.2	3.5	U
^{58}Co	1.00	4.0	6.7	U	-0.80	1.6	2.7	U	-0.60	4.0	5.1	U	-0.60	4.7	5.9	U
^{60}Co	37.30	5.8	6.9		-0.80	1.7	2.6	U	0.40	2.4	4.2	U	1.40	2.8	4.7	U
^{51}Cr	-40.1	36.3	57	U	-0.6	17.1	27	U	-18.0	84.0	67	U	-6.0	86.0	67	U
^{134}Cs	-1.60	4.4	6.2	U	-1.60	1.9	2.6	U	1.60	2.3	3.7	U	-0.40	2.5	4.2	U
^{137}Cs	-1.70	4.2	6.8	U	-0.60	1.7	2.7	U	-1.00	2.4	4.0	U	-0.50	2.6	4.5	U
^{152}Eu	3.40	19.7	33.1	U	10.00	8.3	13.5	U	2.30	7.1	12.0	U	0.20	7.9	13.0	U
^{154}Eu	-2.30	5.5	9.0	U	-0.60	2.8	4.6	U	-6.00	14.0	24.0	U	3.00	14.0	25.0	U
^{155}Eu	15.8	7.4	10.9		2.0	3.9	5.9	U	2.5	7.8	13	U	0.7	8.7	15	U
^{59}Fe	3.2	8.5	14.0	U	-1.9	3.5	5.7	U	-2.0	12.0	13.0	U	-2.0	14.0	15.0	U
^{131}I	-1	8	12	U	0	4	6	U	0	410	53	U	10	450	53	U
^{40}K	958	94.2	58.5		1490	44.8	24.7		97	68	75	B2	69	47	74	U
^{54}Mn	0.30	4.2	6.9	U	-1.10	1.6	2.6	U	-0.30	2.5	4.0	U	1.00	2.9	4.7	U
^{22}Na	0.60	4.4	7.1	U	0.90	1.7	2.8	U	0.50	2.6	4.4	U	0.60	2.8	4.7	U
^{94}Nb	-1.60	4.0	6.5	U	1.80	1.7	2.6	U	0.90	2.5	4.3	U	0.70	2.6	4.4	U
^{95}Nb	4.5	4.5	8	U	0.4	1.9	3	U	-0.9	4.4	6	U	-0.8	4.6	6	U
^{234m}Pa	858	650.0	1110	U	763	351.0	398		90	400.0	700	U	60	440.0	770	U
^{212}Pb	32.6	8.6	10.4		18.2	3.6	3.6		0.1	3.6	6.5	U	5.4	8.3	8.3	U
^{214}Pb	41.7	10.5	12.7		49.7	4.8	5.6		-3.6	9.1	10	U	1.4	9.9	10	U
^{106}Ru	301	36.6	26.2		342	17.5	11.1		-1	24	40	U	5	25	40	U
^{124}Sb	-0.1	10.0	16.7	U	-1.1	2.2	2.9	U	-0.9	4.4	5.3	U	0.2	4.8	5.8	U
^{125}Sb	0.10	10.0	16.7	U	3.70	4.5	7.5	U	-1.40	6.6	11.0	U	-3.00	7.0	12.0	U
^{46}Sc	6.8	5.2	8.8	U	17.3	3.1	3.0		-0.7	3.7	5.0	U	1.1	4.1	5.5	U
^{85}Sr	33.7	4.6	7.9		14.2	1.8	3		7.6	5.5	6.5	TI	5.6	5.7	6.7	U
^{227}Th	51.3	29.2	42.4		-0.2	12.8	18.3	U	-10	340	26	U	3	14	24	U
^{234}Th	247.0	87.4	66.8		667.0	51.2	35.9		370.0	140.0	76	TI	157.0	90.0	69	TI
^{208}Tl	23.6	6.8	6.3		13	2.6	2.6		-2.3	5.6	4.7	U	9.1	6.3	5.8	
^{235}U	22.0	7.8	37	U	36.0	3.6	18		82.0	28.0	27	TI	-100.0	2600.0	28	U
^{65}Zn	-7.2	9.6	15.2	U	3.7	3.9	5.7	U	-0.7	5.8	9.3	U	1.4	6.1	9.7	U

MDC - Minimum D[illegible]ection C[illegible]ntration
Uncertanty - 2 sig[illegible]a
SQ - Spectral Inter[illegible]rence [illegible] [illegible]rate quantitation
U - Result is less t[illegible]an the s[illegible] [illegible] MDC or less than the associated TPU

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

Watershed	Pajarito			Pajarito			Pajarito			Pajarito		
Date	10/23/00			10/23/00			10/23/00			10/28/00		
Sample Location	Pajarito Canyon @ TA-18 entrance			TA-54 Area G Tributary (below NPDES Station G-3)			Unnamed Tributary @ PA 2.2			Pajarito Canyon @ SR 4		
Sample ID	PA 4.8			AREA G TRIB			UN 0.01			PA 2.2		
	Dissolved			Dissolved			Dissolved			Dissolved		
Nuclide Name	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	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
^{110m}Ag	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
^{26}Al												
^{241}Am	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
^{7}Be	-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
^{212}Bi	-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
^{214}Bi	18.7 +/- 3.8	3.5		11.1 +/- 2.3	1.8		12.8 +/- 1.8	1.9		10.2 +/- 2.6	2.6	
^{139}Ce	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
^{144}Ce	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
^{56}Co	-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
^{57}Co	-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
^{58}Co	-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
^{60}Co	-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
^{51}Cr	-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
^{134}Cs	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
^{137}Cs	-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
^{152}Eu	-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
^{154}Eu	-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
^{155}Eu	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
^{59}Fe	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
^{131}I	-3.6 +/- 8.3	13	U	0.80 +/- 3.9	7	U	-2.0 +/- 3.6	6	U	3.3 +/- 29.2	50	U
^{40}K	185 +/- 26.2	17.6		221 +/- 16.4	8.3		221 +/- 15.4	7.8		189 +/- 22.5	12.3	
^{54}Mn	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
^{22}Na	-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
^{94}Nb	-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
^{95}Nb	-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
^{234m}Pa	71.0 +/- 173	289.0	U	177 +/- 89.3	157.0		94.7+/- 87.4	152.0	U	86.3 +/- 122	213.0	U
^{212}Pb	6.8 +/- 2.5	2.8		3.2 +/- 1.2	1.7		3.3 +/- 1.3	1.7		2.8 +/- 1.9	2.2	
^{214}Pb	10.4 +/- 2.8	3.5		9.1 +/- 1.7	2.0		9.6 +/- 1.7	1.9		7.1 +/- 2.3	2.7	
^{106}Ru	39.6 +/- 10.1	7.5		46.9 +/- 7.0	3.8		41.9 +/- 5.9	3.9		51.2 +/- 9.5	5.4	
^{124}Sb	-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
^{125}Sb	-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
^{46}Sc	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
^{85}Sr	4.3 +/- 1.5	2.5		2.2 +/- 0.67	1.2		2.2 +/- 0.72	1.2		3.6 +/- 1.2	2.2	
^{227}Th	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
^{234}Th	33.8 +/- 30.8	18.6		101 +/- 26.2	11.8		75.2 +/- 24.8	12.3		103 +/- 34.7	17.6	
^{208}Tl	3.8 +/- 1.3	1.8		1.8 +/- 0.86	0.86		2.1 +/- 0.91	0.91		1.9 +/- 1.3	1.4	
^{235}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
^{65}Zn	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

MDC - Minimum Detectable Concentration
Uncertainty - 2 Sigma
SQ - Spectral Interference ... accurate quantitation
U - Result is less than the specific MDC or less than the associated T... U

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

Watershed	Water			Water			Water			Water		
Date	10/28/00			10/28/00			10/23/00			10/24/00		
Sample Location	Water Canyon @ SR 501			Water Canyon @ SR 4			Water Canyon @ SR 4			Water Canyon @ SR 4		
Sample ID	WA 9.9			WA 2.9			Wa 2.9			WA 2.9 (ISCO)		
	Dissolved			Dissolved			Dissolved			Dissolved		
Nuclide Name	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual	(pCi/L)	MDC	Qual
^{228}Ac	1.7 +/- 4.4	7.4	U	2.0 +/- 4.1	7.0	U	6.1 +/- 2.4	3.1		7.2 +/- 3.5	5.1	
^{110m}Ag	6.8 +/- 26.9	45.5	U	-0.9 +/- 27.4	45.8	U	3.2 +/- 12.2	20.5	U	-11.9+/- 15.9	25.5	U
^{26}Al												
^{241}Am	0.7 +/- 2.5	3.7	U	1.0 +/- 2.6	3.8	U	0.44 +/- 2.1	3.0	U	2.1 +/- 2.5	4.0	U
^{7}Be	1.8 +/- 15.2	25.6	U	-7.4 +/- 15.0	24.5	U	2.0 +/- 5.4	9.0	U	0.47+/- 7.5	12.5	U
^{212}Bi	-3.9 +/- 15.8	25.6	U	17.6 +/- 16.5	28.8	U	-0.62 +/- 7.8	12.6	U	9.0 +/- 10.3	17.4	U
^{214}Bi	8.3 +/- 3.2	4		10.5 +/- 4.5	3.7		12.4 +/- 1.7	1.7		9.8 +/- 2.4	2.5	
^{139}Ce	-0.1 +/- 1.1	1.9	U	0.2 +/- 1.1	1.9	U	-0.50 +/- 0.55	0.9	U	0.33 +/- 0.73	1.2	U
^{144}Ce	-1.1 +/- 6.9	11.3	U	-0.5 +/- 7.0	11.5	U	-0.34 +/- 3.6	5.9	U	-3.6 +/- 4.6	7.5	U
^{56}Co	0.4 +/- 1.8	3.0	U	-1.2 +/- 1.7	2.7	U	0.31 +/- 0.66	1.1	U	0.33 +/- 0.83	1.4	U
^{57}Co	0.1 +/- 0.9	1.4	U	-0.06 +/- 0.9	1.4	U	-0.04 +/- 0.46	0.8	U	-0.45 +/- 0.60	1.0	U
^{58}Co	-0.6 +/- 1.7	2.8	U	0.4 +/- 1.7	2.8	U	-0.32 +/- 0.60	1.0	U	-0.15 +/- 0.90	1.4	U
^{60}Co	0.8 +/- 1.2	2.1	U	-0.5 +/- 1.3	2.0	U	-0.22 +/- 0.61	1.0	U	0.07 +/- 0.75	1.2	U
^{51}Cr	-1.2 +/- 25.1	40.5	U	-6.6 +/- 25.4	40.7	U	3.3 +/- 7.7	12.3	U	-4.0 +/- 9.7	16.2	U
^{134}Cs	0.4 +/- 1.4	2.0	U	-1.3 +/- 1.4	1.9	U	-0.32 +/- 0.63	0.9	U	-0.03 +/- 0.84	1.2	U
^{137}Cs	-1.0 +/- 1.3	2.0	U	-0.2 +/- 1.2	1.9	U	0.29 +/- 0.56	0.9	U	-0.65 +/- 0.73	1.1	U
^{152}Eu	0.2 +/- 5.5	9.2	U	-0.8 +/- 5.6	9.3	U	2.2 +/- 2.9	4.9	U	2.4 +/- 3.8	6.5	U
^{154}Eu	0.4 +/- 1.7	2.8	U	0.3 +/- 1.7	2.8	U	0.66 +/- 0.92	1.6	U	-1.7 +/- 1.2	1.9	U
^{155}Eu	2.3 +/- 2.2	3.3	U	4.0 +/- 2.2	3.3		-0.02 +/- 1.2	2.0	U	0.10 +/- 1.6	2.6	U
^{59}Fe	0.7 +/- 4.4	7.3	U	0.8 +/- 4.5	7.4	U	-0.32+/- 1.5	2.4	U	-0.95 +/- 2.0	3.1	U
^{131}I	32.5 +/- 41.0	68	U	41.6 +/- 40.6	68	U	-0.29 +/- 3.3	6	U	3.0 +/- 5.2	9	U
^{40}K	163 +/- 24.2	18.7		172 +/- 26.1	18.5		205 +/- 16.5	7.9		232 +/- 219	106	
^{54}Mn	-1.5 +/- 1.3	2.0	U	0.8 +/- 1.3	2.2	U	-0.08 +/- 0.54	0.9	U	-0.09 +/- 0.72	1.2	U
^{22}Na	0.6 +/- 1.3	2.2	U	0.8 +/- 1.3	2.2	U	-0.30 +/- 0.57	0.9	U	0.72 +/- 0.71	1.3	U
^{94}Nb	0.7 +/- 1.1	1.9	U	-1.1 +/- 1.2	1.9	U	0.03 +/- 0.52	0.9	U	-0.13 +/- 0.67	1.1	U
^{95}Nb	-0.3 +/- 2.5	4.1	U	4.1 +/- 2.6	4.7	U	-0.84 +/- 0.85	1.3	U	-0.29 +/- 1.1	1.8	U
^{234m}Pa	76.1 +/- 189	316.0	U	120 +/- 191	325.0	U	104 +/- 87	153.0	U	40.0 +/- 116	197.0	U
^{212}Pb	2.7 +/- 3.1	3.2	U	4.5 +/- 3.3	3.0		3.4 +/- 1.2	1.6		3.6 +/- 1.8	2.2	
^{214}Pb	10.2 +/- 4.7	4.7		8.2 +/- 3.0	3.8		9.4 +/- 1.7	1.9		7.8 +/- 2.1	2.5	
^{106}Ru	47.6 +/- 12.0	8.6		49.6 +/- 9.9	8.5		40.6 +/- 6.7	3.7		46.1 +/- 7.6	5.1	
^{124}Sb	-0.5+/- 2.1	3.0	U	-3.1 +/- 2.3	3.0	U	0.13 +/- 0.84	1.1	U	-0.68 +/- 1.0	1.4	U
^{125}Sb	1.0 +/- 3.2	5.5	U	-1.0 +/- 3.1	5.2	U	0.54 +/- 1.5	2.6	U	0.01 +/- 2.0	3.4	U
^{46}Sc	2.6 +/- 2.0	3.5	U	4.0 +/- 2.1	3.8		3.6 +/- 1.1	1.1		3.2 +/- 1.4	1.5	
^{85}Sr	5.4 +/- 1.8	3.3		7.5 +/- 1.9	3.4		1.5 +/- 0.6	1.1		1.9 +/- 0.97	1.5	
^{227}Th	12.5 +/- 8.6	12.9	U	-0.5 +/- 8.6	12.1	U	0.94 +/- 4.3	6.2	U	-1.0 +/- 5.7	8.1	U
^{234}Th	36.2 +/- 28.1	19.4		47.2 +/- 25.3	19.6		96.8 +/- 21.9	11.8		83.8 +/- 31.6	15.7	
^{208}Tl	2.0 +/- 1.8	1.7		2.1 +/- 1.3	2.2	U	2.8 +/- 0.95	0.87	U	1.8 +/- 1.2	1.2	
^{235}U	0.8 +/- 6.8	11.2	U	3.6 +/- 2.0	11.4	U	3.5 +/- 1.2	6.2		3.8 +/- 1.7	8.3	U
^{65}Zn	-2.2 +/- 3.1	4.8	U	-3.4 +/- 3.2	4.8	U	0.08 +/- 1.4	1.9	U	-0.47 +/- 1.8	2.4	U

MDC - Mini um Dete oncentration
Uncertanty 2 sigma
SQ - Spect Interf s accurate quantitation
U - Result less tha specific MDC or less than the associate TPU

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

Watershed	Water			Mortandad			Mortandad			Mortandad			Sandia		
Date	10/23/00			10/23/00			10/23/00			10/23/00			10/23/00		
Sample Location	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	PO 1.8			MO 7.2			CDB 5.4			CDB 1.9			SA 5.6		
	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
^{228}Ac	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	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 +/- 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	-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	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	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	-0.98+/- 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	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	-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	0.72 +/- 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	-0.33 +/- 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	0.86 +/- 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	-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	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	-0.09 +/- 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	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	0.19 +/- 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	-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	0.91 +/- 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	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	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	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	-0.75 +/- 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	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	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	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	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	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	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	-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	-1.3+/- 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	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	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	-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	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	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	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	-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 [illegible]tion Concentration
Uncertainty - 2
SQ - Spectral [illegible] prevents accurate quantitation
U - Result is le[illegible] sample specific MDC or less than the associated [illegible]

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
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
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	Dissolved						
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						
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	Dissolved						
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
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
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
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	Dissolved	6.8	2.3	2.1	43.7	3.1	2.4
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
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Dissolved	1.9	0.9	1.1	6.8	0.9	1.2
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Total	1.6	1.2	1.2	8.9	0.8	0.8
LA 12.0	Los Alamos Reservoir	08/31/00	Dissolved	4.3	1.7	2	22.5	2.1	2.3
LA 12.0	Los Alamos Reservoir	08/31/00	Total	9.4	2.4	2	27.4	3.4	4.3
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	Dissolved	2.9	1.1	1	14.9	1.2	1.2
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
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
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
GU 0.01	Guaje Canyon at State Road 502	09/08/00	Dissolved	8.8	2.7	1.8	43.4	3.3	3
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
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	Dissolved	2.3	0.8	0.7	12.2	1	1
TM 3.1	Twomile Canyon @ SR 501	10/28/00	Dissolved	1.5	0.7	0.8	14.3	1.2	1.1
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 C[illegible]	06/15/00	Total						

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
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
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Dissolved		3.4	1.4	1.6	18.3	1.6	1.7
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	Dissolved		0.7	0.2	0.3	5.8	0.6	0.7
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
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	Dissolved		0.9	0.3	0.2	3.4	0.5	0.7
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	Dissolved		2.1	0.7	0.5	15	1.2	1.2
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
WA 2.9	Water Canyon @ SR 4	10/23/00	Dissolved		0.8	0.3	0.3	4	0.6	0.7
WA 2.9	Water Canyon @ SR 4	10/28/00	Dissolved		1.6	0.5	0.5	8.9	0.9	1.1
WA 2.9 (ISCO)	Water Canyon @ SR 4	10/24/00	Dissolved		0.9	0.3	0.3	4.9	0.6	0.8
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	Dissolved		1.6	0.4	0.3	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
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
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
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
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							
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							
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							
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	Dissolved							

Qualifiers:
DL: Detection Limit
Uncertainty: +/- 2 s TPU
U = Below detection limit or associated uncertanty
ND = Non detect
< = Less than value
LT = Result is less than requested MDC, greater than sample specific MDC
J = 'Estimated Value' - result between Method Detectiuon Limit and Reporting Limit
Note. Am-241 from alpha spec.

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	^{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	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	< 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	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	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	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	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	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	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	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	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	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									
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	Total	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	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	0.06	0.03	0.03	< 0.03	0.02	0.03	< 0.09	0.05	0.09
GU 0.01	Guaje Canyon at State Road 502	09/08/00	Dissolved	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									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	Total									
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									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	Total									
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	Dissolved	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	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	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									
BU 0.01	Buldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	Total									

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	^{238}Pu (pCi/L)	Unc	DL	$^{239,240}Pu$ (pCi/L)	Unc	DL	^{241}Am (pCi/L)	Unc	DL
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved									
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Total	< 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	< 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	0.11	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	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	0.09	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	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									
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	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	0.1	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	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	0.1	0.05	0.03	0.03	0.02	0.03	< 0.04	0.02	0.04
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	Dissolved				4.2	0.6	0.7			
Sandia Canyon Watershed												
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	Dissolved	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	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	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	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									
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 s TPU
U = Below detection limit or associated uncertanty
ND = Non detect
< = Less than value
LT = Result is less than requested MDC, greater than sample specific MDC
= 'Estimated Value' - result between Method Detectiuon 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) ug/L	unc	DL	^{234}U (pCi/L)	Unc	DL	^{235}U (pCi/L)	Unc	DL	^{238}U (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
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
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
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
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
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
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
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

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) ug/L	unc	DL	^{234}U (pCi/L)	Unc	DL	^{235}U (pCi/L)	Unc	DL	^{238}U (pCi/L)	Unc	DL
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
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
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
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	Portrillo 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 s TPU
U = Below detection limit or associated uncertanty
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 7 NMED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Uranium and Thorium Activities

				^{228}Th			^{230}Th			^{232}Th		
Sample ID	**Sample Location**	**Date**	**Dissolved / Total**	**(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									
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	Dissolved									
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									
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									
PUN-0.01	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	09/08/00	Dissolved	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	0.14	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	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									
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Dissolved	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	0.03	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	0.05	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	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									
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									
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	Dissolved									
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	Total									
GU 0.01	Guaje Canyon at State Road 502	09/08/00	Dissolved									
Pajarito Canyon Watershed												
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	Total									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	Total									
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									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	Total									
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	Dissolved									
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	Dissolved									
TM 3.1	Twomile Canyon @ SR 501	10/28/00	Dissolved									
SR 501 Pond	State Road 501 Pond	05/25/00	Total									

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

					^{228}Th				^{230}Th				^{232}Th		
Sample ID	**Sample Location**	**Date**	**Dissolved / Total**		**(pCi/L)**	**Unc**	**DL**		**(pCi/L)**	**Unc**	**DL**		**(pCi/L)**	**Unc**	**DL**
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												
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												
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved												
PA @ TM	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved												
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Total		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	<	0.3	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												
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	Dissolved												
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	Dissolved												
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	Dissolved												
Water Canyon Watershed															
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	Dissolved		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												
WA 9.9	Water Canyon @ SR 501	10/28/00	Dissolved												
WA 2.9	Water Canyon @ SR 4	10/23/00	Dissolved												
WA 2.9	Water Canyon @ SR 4	10/28/00	Dissolved												
WA 2.9 (ISCO)	Water Canyon @ SR 4	10/24/00	Dissolved												
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	Dissolved												
Sandia Canyon Watershed															
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	Dissolved												
Mortandad Canyon Watershed															
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	Dissolved												
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	Dissolved												
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	Dissolved												
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												
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 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												
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												
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	Dissolved												

Qualifiers:
DL: Detection Limit
Uncertainty: +/- 2 s TPU
U = Below detection limit or associated uncertanty
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

					^{89}Sr				^{90}Sr				^{137}Cs		
Sample ID	Sample Location	Date	Dissolved / Total		(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					<	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
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
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	Dissolved						6.8	0.7	0.9	<	-0.2	0.6	0.9
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
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Total					<	2.2	1	2.2	<	-0.01	0.6	0.9
LA 12.0	Los Alamos Reservoir	08/31/00	Dissolved						4	0.6	1.1	<	0.5	0.4	0.7
LA 12.0	Los Alamos Reservoir	08/31/00	Total						3.5	0.6	1.1	<	0.1	0.6	1
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
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												
SR 501 Pond	State Road 501 Pond	07/24/00	Total						9.2	1.2	2.0				
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	Total									<	0.2	2.6	4.5
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	Total												
PA 10.6	Pajarito Canyon @ SR 501	06/29/00	Total									<	0.1	2.3	4
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	07/24/00	Total						1.8	1	2.0				
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 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
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									<	-1	2.4	4

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

					^{89}Sr				^{90}Sr				^{137}Cs		
Sample ID	**Sample Location**	**Date**	**Dissolved / Total**		**(pCi/L)**	**Unc**	**DL**		**(pCi/L)**	**Unc**	**DL**		**(pCi/L)**	**Unc**	**DL**
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
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Dissolved						1.7	0.6	1.4	<	-0.6	1.7	2.7
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	2.0				
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 s TPU
U = Below detection limit or associated uncertanty
ND = Non detect
< = Less than value
LT = Result is less than requested MDC, greater than sample specific MDC
J = 'Estimated Value' - result between Method Detectiuon Limit and Reporting Limit
Note. Cs-137 from gama spec.

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

					$^{243/244}Cm$			^{3}H		^{3}H		
Sample ID	Sample Location	Date	Dissolved / Total		(pCi/L)	Unc	DL	TU	UNC(eTU)	(pCi/L)	DL pCi/L	UNC pCi/L
Los Alamos Canyon Watershed												
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	Dissolved									
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00	Dissolved									
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									
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	Dissolved									
PUN 0.1	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/28/00	Dissolved									
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	Dissolved	<	0.04	0.01	0.04					
PU-6.7	Pueblo Canyon @ confluence with Pueblo North(PUN)	09/08/00	Dissolved	<	0.05	0.03	0.05					
PU-2.0	Pueblo Canyon @ Bayo Treatment Plant	09/08/00	Dissolved	<	0.02	0.01	0.02					
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	Dissolved									
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Dissolved	<	0.02	0.01	0.02					
LA12.5	Upstream from Los Alamos Reservoir	08/31/00	Total	<	0.01	0.01	0.01					
LA 12.0	Los Alamos Reservoir	08/31/00	Dissolved	<	0.01	0.01	0.01					
LA 12.0	Los Alamos Reservoir	08/31/00	Total	<	0.01	0.01	0.01					
LA 10.5	Los Alamos Canyon @ Skate Rink Gage	10/28/00	Dissolved									
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	<	0.02	0.01	0.02					
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	Dissolved									
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	07/21/00	Total									
GU 0.01	Guaje Canyon at State Road 502	09/08/00	Dissolved									
Pajarito Canyon Watershed												
TM 3.1	Twomile Canyon @ SR 501	10/28/00	Dissolved									
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									
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/02/00	Total					11.8	0.4			
PA 10.6	Pajarito Canyon @ Waterfall aboveSR 501	05/25/00	Total					10.3	0.3			
PA 10.6	Pajarito Canyon @ SR 501	06/29/00	Total									
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 10.6	Pajarito Canyon @ SR 501	6/29/00 Duplicate	Total									
PA 10.4	Pajarito Canyon @ SR 501	09/08/00	Dissolved									
PA 10.4	Pajarito Canyon @ SR 501	10/28/00	Dissolved									
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	Dissolved					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									

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

					$^{243/244}Cm$			^{3}H		^{3}H		
Sample ID	**Sample Location**	**Date**	**Dissolved / Total**		**(pCi/L)**	**Unc**	**DL**	**TU**	**UNC(eTU)**	**(pCi/L)**	**DL pCi/L**	**UNC pCi/L**
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	06/29/00	Dissolved									
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Total	<	0.3	0.1	0.3					
PA 6.7	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	Dissolved	<	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									
PA 4.8	Pajarito Canyon @ TA-18 entrance	10/23/00	Dissolved									
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	Dissolved									
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	Dissolved									
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	Dissolved									
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total									
Water Canyon Watershed												
WA 9.9	Water Canyon @ SR 501	10/28/00	Dissolved									
CDV 5.6	Canyon de Valle @ SR 501	08/16/00	Dissolved					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									
WA 2.9	Water Canyon @ SR 4	10/28/00	Dissolved									
WA 2.9 (ISCO)	Water Canyon @ SR 4	10/24/00	Dissolved									
PO 1.8	Portrillo Canyon @ SR 4	10/23/00	Dissolved									
Sandia Canyon Watershed												
SA 5.6	Sandia Canyon near TA-53 entrance	10/23/00	Dissolved									
Mortandad Canyon Watershed												
MO 7.2	Mortandad Canyon downstream from Test Well 8	10/23/00	Dissolved									
CDB 5.4	Canada del Buey @ TA-46 Gage Station	10/23/00	Dissolved									
CDB 1.9	Canada del Buey @ SR 4 Gage Station	10/23/00	Dissolved									
ncho 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									
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 s TPU
U = Below detection limit or associated uncertanty
ND = Non detect
< = Less than value
LT = Result is less than requested MDC, greater than sample specific MDC
J = 'Estimated Value' - result between Method Detectiuon Limit and Reporting Limit
Note. Cs-137 from gama spec.

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

Sample ID	Sample Location	Date	Time	pH	WAD Cyanide	DL	Cyanide Amenable	DL	Total Cyanide	DL	Total Alkalinity	DL	Ammonia as N	DL
				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											
A[illegible]	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	1027/00	18:20											
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:25											
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:30											
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:35											
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:40											
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	18:45											
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:50											
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:55											
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	1027/00	18:20 - 18:55											
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:00											
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:05											
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:10											
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:15											
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:20											
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:25											
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:30											
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:35											
[illegible]	Middle Los Alamos Canyon Gage E030 Composite	1027/00	19:00 - 19:35											
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:40											

Sample ID	Sample Location	Date	Time	pH	WAD Cyanide	DL	Cyanide Amenable	DL	Total Cyanide	DL	Total Alkalinity	DL	Ammonia as N	DL
				S.U.	(mg/L)		(mg/L)		(mg/L)		mg/L		(mg/L)	
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:45											
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:50											
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:55											
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:00											
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:05											
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:10											
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	20:15											
[illegible]	Middle Los Alamos Canyon Gage E030 Composite	1027/00	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
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	
[illegible]	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					
[illegible]	Pajarito Canyon @ Twomile Canyon Confluence	08/24/00	9:55						<0.005	0.005	152	2.000	<0.5	0.500
PA 3.8	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											

				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)	
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 0.9	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
[illegible]	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											
[illegible]	Canada del Buey @ SR 4	08/18/00	17:50											
[illegible] 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											
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											
[illegible] 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. DOE Oversight 2000 Surface and Stormwater Analytical Results: General Chemistry-2

Sample ID	Sample Location	Date	Time	Total Organic Carbon (mg/L)	DL	Total Dissolved Solids (TDS) (mg/L)	DL	Total Suspended Solids (TSS) (mg/L)	DL	Total Suspended Load (Wet Weight) (mg/L)	DL	Total Suspended Load (Dry Weight) (mg/L)	DL
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	**
S[illegible] 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	**
S[illegible] 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	1027/00	18:20									1839	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:25									2593	2.300
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	18:30									2557	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:35									2933	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:40									2869	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:45									2420	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:50									2387	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:55									3528	2.300
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	1027/00	18:20 - 18:55										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:00									4212	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:05									3021	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:10									4212	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:15									3792	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:20									3415	2.300
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	19:25									4207	2.300
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	19:30									3206	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:35									2844	2.300
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	1027/00	19:00 - 19:35										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:40									2411	2.300

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

Sample ID	Sample Location	Date	Time	Total Organic Carbon (mg/L)	DL	Total Dissolved Solids (TDS) (mg/L)	DL	Total Suspended Solids (TSS) (mg/L)	DL	Total Suspended Load (Wet Weight) (mg/L)	DL	Total Suspended Load (Dry Weight) (mg/L)	DL
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:45									2232	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:50									2273	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:55									2369	2.300
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	20:00									2179	2.300
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	20:05									2026	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:10									1981	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:15									2079	2.300
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	1027/00	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				
[illegible]	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	**
[illegible]	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	15:20	8.4		200	20	20	20				
[illegible]	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	**

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

Sample ID	Sample Location	Date	Time	Total Organic Carbon (mg/L)	DL	Total Dissolved Solids (TDS) (mg/L)	DL	Total Suspended Solids (TSS) (mg/L)	DL	Total Suspended Load (Wet Weight) (mg/L)	DL	Total Suspended Load (Dry Weight) (mg/L)	DL
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	**
[illegible]	Pajarito Canyon @ Rio Grande	09/26/00	Total										
[illegible] 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											
[illegible]	Sandia Canyon near TA-53 entrance	10/28/00	10:00										
[illegible] 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		
[illegible] Site A 1 ft	Cochiti Reservoir Site A (1 ft depth) (08317300)	10/25/00	12:30							<10000	10000		
[illegible] Site A 60 ft	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 1[illegible] J DOE Oversight 2000 Surface and Stormwater Analytical Results: General Chemistry-3

Sample ID	Sample Location	Date	Time	Bicarbonate	DL	Carbonate	DL	Total Phosphorus as P	DL	Total Phosphorus as (PO_4)	DL	Flouride	DL
				mg/l $CaCO_3$		mg/l $CaCO_3$		(mg/L)		(mg/L)		(mg/L)	
Los Alamos Canyon Watershed													
[illegible]	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30	153	2	<2	2			<0.01		0.1	0.1
[illegible]	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
[illegible]	Los Alamos Reservoir	08/31/00	11:00	211	2	<2	2	0.95	0.2	2.91	0.02	<0.10	0.1
[illegible]	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	1027/00	18:20										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:25										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:30										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:35										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:40										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:45										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:50										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:55										
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	1027/00	18:20 - 18:55	83	20	<20	20					<0.1	0.100
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:00										
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	19:05										
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	19:10										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:15										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:20										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:25										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:30										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:35										
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	1027/00	19:00 - 19:35	64	20	<20	20					<0.1	0.100
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:40										

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

				Bicarbonate	DL	Carbonate	DL	Total Phosphorus as P	DL	Total Phosphorus as (PO_4)	DL	Flouride	DL
[illegible]	Sample Location	Date	Time	mg/l $CaCO_3$		mg/l $CaCO_3$		(mg/L)		(mg/L)		(mg/L)	
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	19:45										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:50										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:55										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:00										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:05										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:10										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:15										
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	1027/00	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
[illegible]	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
[illegible] Pond	State Road 501 Pond	05/25/00	12:15	64	10	10	10			0	0.050	0	0.100
[illegible] 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										

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

Sample ID	Sample Location	Date	Time	Bicarbonate	DL	Carbonate	DL	Total Phosphorus as P	DL	Total Phosphorus as (PO_4)	DL	Flouride	DL
				mg/l $CaCO_3$		mg/l $CaCO_3$		(mg/L)		(mg/L)		(mg/L)	
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										
[illegible] 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 [illegible]	Rio Gande White Rock Gage (08313268)	10/24/00	1:30										
[illegible] Grande @ WR [illegible]	Rio Gande White Rock Gage (08313268)	10/24/00	5:30										
[illegible] Grande @ WR Lake	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

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										
[illegible]	Acid Canyon above confluence with SFAC	10/12/00	12:15										
[illegible]	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	1027/00	18:20										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:25										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:30										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:35										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:40										
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:45										
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	18:50										
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	18:55										
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	1027/00	18:20 - 18:55	24	2	<0.2	0.2	6	1				
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:00										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:05										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:10										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:15										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:20										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:25										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:30										
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:35										
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	1027/00	19:00 - 19:35	15	0.2	<0.2	0.2	5	1				
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	19:40										

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
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:45										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:50										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:55										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:00										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:05										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:10										
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:15										
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	1027/00	19:40 - 20:15	12	0.2	<.2	0.2	5	1				
[illegible]	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	
[illegible]	Pajarito Canyon @ Waterfall aboveSR 501	11/02/00	10:00							0	0.10	1	
[illegible]	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
[illegible]	Pajarito Canyon @ TA-18 entrance	10/23/00	15:05										
[illegible] G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17										

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
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		
[illegible]	Water Canyon @ SR 4	08/14/00	13:40										
[illegible]	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 5.6	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										
[illegible]	Canada del Buey @ SR 4 Gage Station	10/23/00	18:00										
[illegible] 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										

[illegible] 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).
[illegible]S or surogate %R is < lower control limit (LCL), results may be biased low

				Sulfur as S	DL	BOD, 5 day	RL	COD	RL	Perchlorate
Sample ID	Sample Location	Date	Time			(mg/L)		(mg/L)		ug/L
Los Alamos Canyon Watershed										
PUN-0.01	N. Tributary of Pueblo Canyon west of Diamond Dr.	09/08/00	16:30							
PUN 0.01	Pueblo Canyon North Tributary (upstream of jct. With Pueblo Canyon)	10/28/00	14:00							
PU-6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50							
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							
[illegible]-1	S Fork Acid Canyon above conf. with Acid	10/13/00	15:00							
[illegible] 0.01	S Fork Acid Canyon above conf. with Acid	10/23/00	16:30							<5.00
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							
PU 2.0	Pueblo Canyon near Bayo Treatment Plant	10/28/00	11:08							<5.00
LA12.5	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 @ Skate Rink Gage	10/28/00	13:45							
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:20							
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:25							
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:30							
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	18:35							
[illegible]A	Middle Los Alamos Canyon Gage E030	1027/00	18:40							
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:45							
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:50							
LA 6.6A	Middle Los Alamos Canyon Gage E030	1027/00	18:55							
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite	1027/00	18:20 - 18:55							
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:00							
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:05							
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:10							
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:15							
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:20							
LA 6.6B	Middle Los Alamos Canyon Gage E030	1027/00	19:25							
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	19:30							
[illegible]6B	Middle Los Alamos Canyon Gage E030	1027/00	19:35							
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite	1027/00	19:00 - 19:35							
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:40							

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

				Sulfur as S	DL	BOD, 5 day	RL	COD	RL	Perchlorate
Sample ID	Sample Location	Date	Time			(mg/L)		(mg/L)		ug/L
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:45							
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:50							
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	19:55							
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:00							
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	20:05							
[illegible]	Middle Los Alamos Canyon Gage E030	1027/00	20:10							
LA 6.6C	Middle Los Alamos Canyon Gage E030	1027/00	20:15							
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite	1027/00	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							
LA 5.0	Downstream of Los Alamos Canyon Sediment Retention Structure	10/28/00	10:05							
GU 0.01	Guaje Canyon at State Road 502	09/08/00	18:31							
Pajarito Canyon Watershed										
PA 10.6	Pajarito Canyon @ Waterfall above SR 501	05/02/00	14:20		1.000					<5.00
[illegible]	Pajarito Canyon @ Waterfall above SR 501	05/25/00	10:30		2.500					<5.0
[illegible]	Pajarito Canyon @ Waterfall above SR 501	06/29/00	11:10							<10.0
PA 10.6	Pajarito Canyon @ Waterfall above SR 501	07/11/00	7:10							
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	10/28/00	13:00							
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	10/28/00	13:15							
PA 8.9	Pajarito Canyon upstream from Junction with Bulldog Gulch	06/15/00	15:20							<5.00
[illegible]	Bulldog Gulch upstream from Junction with Pajarito Canyon	06/15/00	14:30							<5.00
[illegible]	Pajarito Canyon @ jct. With TwoMile Canyon	06/29/00	8:30							<10.0
PA @ TM	Pajarito Canyon @ jct. With TwoMile Canyon (PA 6.7 Dup)	06/29/00	9:30							<10.0
PA 6.7	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							
AREA G TRIB	TA-54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17							

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

				Sulfur as S	DL	BOD, 5 day	RL	COD	RL	Perchlorate
Sample ID	Sample Location	Date	Time			(mg/L)		(mg/L)		ug/L
PA 2.2	Pajarito Canyon @ SR 4	10/23/00	14:55							
PA 2.2	Pajarito Canyon @ SR 4	10/28/00	12:00							
PA 0.01	Pajarito Canyon @ Rio Grande	09/26/00	Total							<5.00
[illegible]nyon Watershed										
[illegible] 5.6	Canyon de Valle @ SR 501	08/16/00	10:40							<5.00
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30							
WA 2.09	Water Canyon @ SR 4	08/14/00	13:40							
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	10/28/00	12:10							
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							
[illegible] Canyon Watershed										
[illegible]	Mortandad Canyon downstream from Test Well 8	10/23/00	16:55							49.0
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							<5
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							
[illegible] A 60 ft [illegible]	Cochiti Reservoir Site A (60 ft depth) (08317300)	10/25/00	1:45							
[illegible] 01	Cochiti Reservoir Outlet	08/03/00	10:00			3 (J9)		<10	10.00	
Cochiti 01	Cochiti Reservoir Outlet	08/29/00	8:52			<4	4.00	<20	20.00	
Cochiti 01	Cochiti Reservoir Outlet	08/30/00	9:20			<4	4	<20	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 surrogate %R is < lower control limit (LCL), results may be biased low

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

Watershed	Los Alamos Canyon				Ancho Canyon		Pajarito 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	
SAMPLE ID:	LA 12.5		LA 12.0		AN 0.01		PA 10.6		PA 10.4	
SAMPLING DATE-TIME:	08/31/00	9:10	08/31/00	11:00	09/26/00	11:45	05/25/00	10:30	10/28/00	13:00
Compound	*RESULT (ug/L) §	DL	*RESULT (ug/L) §	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL
N GLYCERIN	NA		NA		NA		NA		NA	
[illegible]N	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
4-AMINO-2,6-DNT	U	0.9	U	0.9	U	0.9	U	0.25	U	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	U	0.2	U	0.2	U	0.2	U	1	U	0.2
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
1,3,5-TRINITROBENZENE (1,3,5-TNB)	U	0.1	U	0.1	U	0.1	U	0.26	U	0.1
1,3-DINITROBENZENE (1,3-DNB)	U	0.2	U	0.2	U	0.2	U	0.25	U	0.2
TETRYL	U	0.6	U	0.6	J	0.6	U	1	U	0.6
NITROBENZENE (NB)	U	0.4	U	0.4	U	0.4	U	1	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
2 TROTOLUENE(2,4-DNT)	U	0.4	U	0.4	U	0.4	U	0.25	U	0.4
2 DINITROTOLUENE(2,6-DNT)	U	0.4	U	0.4	U	0.4	U	0.25	U	0.4
o-NITROTOLUENE (2-NT)	U	0.2	U	0.2	U	0.2	U	1	U	0.2
p-NITROTOLUENE (4-NT)	U	0.3	0.48	0.3	U	0.3	U	1	U	0.3
m-NITROTOLUENE (3-NT)	U	0.2	1.0	0.2	U	0.2	U	1	U	0.2

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

Table 1 .ED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: High Explosi.

Watershed	Pajarito Canyon									
Sample Location	Two Mile Canyon at SR-501		State Road 501 Pond		Pajarito Canyon upstream from Junction with Bulldog Gulch		Bulldog Gulch upstream from Junction with Pajarito Canyon		Pajarito Canyon @ jct. With TwoMile Canyon	
SAMPLE ID:	TM 3.1		SR 501 Pond		PA 8.9		BU 0.01		PA 6.7	
SAMPLING DATE-TIME:	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
Compound	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL
[illegible]OGLYCERIN	NA		NA		NA		NA		NA	
PETN	NA		NA		NA		NA		NA	
2-AMINO-4,6-DNT	U	0.4	U	0.25	U	0.25	U	0.25	U	0.4
4-AMINO-2,6-DNT	U	0.9	U	0.25	U	0.25	U	0.25	U	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX	U	0.2	U	1	U	1		2.1	U	0.2
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	U	0.2	U	0.84	U	0.84	U	0.84	U	0.2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	U	0.1	U	0.26	U	0.26	U	0.26	U	0.1
1,3-DINITROBENZENE (1,3-DNB)	U	0.2	U	0.25	U	0.25	U	0.25	U	0.2
TETRYL	U	0.6	U	1	U	1	J	0.16	U	0.6
NITROBENZENE (NB)	U	0.4	U	1	U	1	U	1	U	0.4
[illegible]NITROTOLUENE (2,4,6-TNT)	U	0.6	U	0.25	U	0.25	U	0.25	U	0.6
[illegible]NITROTOLUENE(2,4-DNT)	U	0.4	U	0.25	U	0.25	U	0.25	U	0.4
2,6-DINITROTOLUENE(2,6-DNT)	U	0.4	U	0.25	U	0.25	U	0.25	U	0.4
o-NITROTOLUENE (2-NT)	U	0.2	U	1	U	1	U	1	U	0.2
p-NITROTOLUENE (4-NT)	U	0.3	U	1	U	1	U	1	U	0.3
m-NITROTOLUENE (3-NT)	U	0.2	U	1	U	1	U	1	U	0.2

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

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

Watershed	Pajarito Canyon				Water Canyon			
Sample Location	Pajarito Canyon at SR-4		Pajarito Canyon @ Rio Grande		Water Canyon at SR-501		Water Canyon at SR-4	
SAMPLE ID:	PA 2.2		PA 0.01		WA 9.9		WA 2.9	
SAMPLING DATE-TIME:	10/28/00	12:00	09/26/00	9:40	10/28/00	12:30	10/28/00	12:10
Compound	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL	*RESULT (ug/L)	DL
NITROGLYCERIN	NA		NA		NA		NA	
PETN	NA		NA		NA		NA	
2-AMINO-4,6-DNT	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	0.9
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	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	14	2
1,3,5-TRINITROBENZENE (1,3,5-TNB)	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	0.2
TETRYL	U	0.6	J	0.6	U	0.6	U	0.6
[illegible]NZENE (NB)	U	0.4	U	0.4	U	0.4	U	0.4
[illegible]RINITROTOLUENE (2,4,6-TNT)	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	0.4
2,6-DINITROTOLUENE(2,6-DNT)	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	0.2
p-NITROTOLUENE (4-NT)	U	0.3	U	0.3	U	0.3	U	0.3
m-NITROTOLUENE (3-NT)	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. ...ED DOE Oversight Bureau 2000 Surface and Storm Water Analytical Results: Poylaromatic ... drocarbons

	Pajarito Canyon Watershed									Los Alamos Canyon Watershed					
Sample ID	PA 8.9			BU 0.01			PA 6.7			LA 12.5			LA 12.0		
...mple Location	Pajarito Canyon upstream from Junction with Buldog Gulch			Buldog 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
...thalene	0.51	0.51	U	0.53	0.53	U	ND	0.4	U	ND	1	U	ND	1	U
...rene	0.51	0.51	U	0.053	0.053	U	ND	0.4	U	ND	1	U	ND	1	U
	0.51	0.51	U	0.053	0.053	U	ND	0.4	U	ND	1	U	ND	1	U
...thylnapthalene	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. 1. _D DOE Oversight Bureau 2000 Surface and Stormwater Analytical Results: Organochlorinated Pesticide_

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		

T - 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

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

Sample ID		Los Alamos Reservoir				
Location Description		Depth integrated, near center of reservoir, near dam				
Date/Time		08/23/00	10:00			
		Concentration	TEQ Min.		TEQ Max.	Data Quality
		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
1,2,3,7,8-PeCDD	1	ND	0	4.6	2.3	U
1,2,3,4,7,8-HxCDD	0.1	ND	0	4.5	0.225	U
1,2,3,6,7,8-HxCDD	0.1	ND	0	4.2	0.21	U
1,2,3,7,8,9-HxCDD	0.1	ND	0	4.5	0.225	U
1,2,3,4,6,7,8-HpCDD	0.01	ND	0	5.8	0.029	U
OCDD	0.0001	24.2	0.00242			J,B
PCDFs						
2,3,7,8-TCDF	0.1	ND	0	2.9	0.145	U
1,2,3,7,8-PeCDF	0.05	ND	0	3	0.075	U
2,3,4,7,8-PeCDF	0.5	ND	0	3.1	0.775	U
1,2,3,4,7,8-HxCDF	0.1	ND	0	2.6	0.13	U
1,2,3,6,7,8-HxCDF	0.1	ND	0	2.4	0.12	U
1,2,3,7,8,9-HxCDF	0.1	ND	0	2.8	0.14	U
2,3,4,6,7,8-HxCDF	0.1	ND	0	3.4	0.17	U
1,2,3,4,6,7,8-HpCDF	0.01	ND	0	3.3	0.0165	U
1,2,3,4,7,8,9-HpCDF	0.01	ND	0	4.6	0.023	U
OCDF	0.0001	ND	0	7.6	0.00038	U
TEQ Dioxin/Furan Minimum pg/L (ppq)			0.00242			
TEQ Dioxin/Furan Maximum pg/L (ppq)			6.7863			
Totals		Concentration	Number	DL	EMPC	Flags
Total TCDD		ND		4.4		
Total PeCDD		EMPC			18.6	
Total HxCDD		ND		4.4		
Total HpCDD		ND		5.8		
Total TCDF		EMPC			8.5	
Total PeCDF		ND		3.1		
Total HxCDF		ND		2.8		
Total HpCDF		ND		3.8		

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)

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

Sample ID		LA 12.5				
Location Description		Upstream of LA Reservoir				
Date/Time		08/23/00				
		Concentration	TEQ Min.		TEQ Max.	Data Quality
		pg/L (ppq)	Calculation	D.L.	Calculation	Flags
Congener	WHO-TEF					
PCDDs						
2,3,7,8-TCDD	1	ND	0	1.2	0.6	U
1,2,3,7,8-PeCDD	1	ND	0	1.3	0.65	U
1,2,3,4,7,8-HxCDD	0.1	ND	0	1.4	0.07	U
1,2,3,6,7,8-HxCDD	0.1	ND	0	1.3	0.065	U
1,2,3,7,8,9-HxCDD	0.1	ND	0	1.4	0.07	U
1,2,3,4,6,7,8-HpCDD	0.01	ND	0	2.1	0.0105	U
OCDD	0.0001	22.4	0.00224			J,B
PCDFs						
2,3,7,8-TCDF	0.1	ND	0	0.8	0.04	U
1,2,3,7,8-PeCDF	0.05	ND	0	0.9	0.0225	U
2,3,4,7,8-PeCDF	0.5	ND	0	0.9	0.225	U
1,2,3,4,7,8-HxCDF	0.1	ND	0	0.9	0.045	U
1,2,3,6,7,8-HxCDF	0.1	ND	0	0.8	0.04	U
1,2,3,7,8,9-HxCDF	0.1	ND	0	0.9	0.045	U
2,3,4,6,7,8-HxCDF	0.1	ND	0	1.1	0.055	U
1,2,3,4,6,7,8-HpCDF	0.01	ND	0	1.1	0.0055	U
1,2,3,4,7,8,9-HpCDF	0.01	ND	0	1.6	0.008	U
OCDF	0.0001	ND	0	3.2	0.00016	U
TEQ Dioxin/Furan Minimum pg/L (ppq)			0.00224			
TEQ Dioxin/Furan Maximum pg/L (ppq)			1.9539			
Totals		Concentration	Number	DL	EMPC	Flags
Total TCDD		ND		1.2		
Total PeCDD		ND		1.3		
Total HxCDD		ND		1.4		
Total HpCDD		ND		2.1		
Total TCDF		ND		0.8		
Total PeCDF		ND		0.9		
Total HxCDF		ND		0.9		
Total HpCDF		ND		1.3		

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

TEFs from "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife Environmetal Health Perspectives" Volume 106, Number 12,

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

Sample ID		PA 6.7				
Location Description		Pajarito Canyon @ jct with TwoMile Canyon				
Date/Time		08/24/00	9:55			
		Concentration	TEQ Min.		TEQ Max.	Data Quality
Congener	WHO-TEF	pg/L (ppq)	Calculation	D.L.	Calculation	Flags
PCDDs						
2,3,7,8-TCDD	1	ND	0	1.9	0.95	
1,2,3,7,8-PeCDD	1	ND	0	1.7	0.85	
1,2,3,4,7,8-HxCDD	0.1	ND	0	1.6	0.08	
1,2,3,6,7,8-HxCDD	0.1	ND	0	1.6	0.08	
1,2,3,7,8,9-HxCDD	0.1	2.8	0.28			J
1,2,3,4,6,7,8-HpCDD	0.01	3.2	0.032			J,EMPC
OCDD	0.0001	29.4	0.00294			J,B
PCDFs						
2,3,7,8-TCDF	0.1	ND	0	1.3	0.065	
1,2,3,7,8-PeCDF	0.05	2.7	0.135			J
2,3,4,7,8-PeCDF	0.5	ND	0	1.2	0.3	
1,2,3,4,7,8-HxCDF	0.1	2.6	0.26			J
1,2,3,6,7,8-HxCDF	0.1	2.3	0.23			J
1,2,3,7,8,9-HxCDF	0.1	1.8	0.18			J
2,3,4,6,7,8-HxCDF	0.1	3.1	0.31			J
1,2,3,4,6,7,8-HpCDF	0.01	ND	0	1.3	0.0065	
1,2,3,4,7,8,9-HpCDF	0.01	ND	0	1.6	0.008	
OCDF	0.0001	5.3	0.00053			J, EMPC
TEQ Dioxin/Furan Minimum pg/L (ppq)			**1.43047**			
TEQ Dioxin/Furan Maximum pg/L (ppq)			**3.76997**			
Totals		Concentration	Number	DL	EMPC	Flags
Total TCDD		ND		1.9		
Total PeCDD		ND		1.7		
Total HxCDD		2.8	1		4.9	
Total HpCDD		3.1	1		6.3	
Total TCDF		ND		1.3		
Total PeCDF		2.7	1		4	
Total HxCDF		9.7	4			
Total HpCDF		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)

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
Diallate	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

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	
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

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	
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-toludine	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 Signifant 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)

1 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
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
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@SR4)	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

1 samples Blank-corrected

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

2000 SUSPENDED SEDIMENT

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

Watershed	Los Alamos Canyon				Los Alamos Canyon			
Date	8/31/2000				10/27/2000			
Location	Center of LA Reservoir (east end)(Surficial bottom sediment)				Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples			
Sample ID	LA Res				LA 6.6C			
	(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
^{110m}Ag	-0.2	1.1	1.8	U	-0.11	0.38	0.6	U
^{26}Al					0	0	0.720	SQ
^{241}Am	0.1	0.1	0.1		-0.26	0.5	0.84	U
^{7}Be	2.1	0.9	1.0		14	29	11.0	U
^{212}Bi	2.7	1.0	1.1		5.7	4.2	4.7	
^{214}Bi	2.6	0.2	0.2		1.45	0.81	1.1	
^{139}Ce	0.003	0.04	0.06	U	0	0.32	0.43	U
^{144}Ce	-0.1	0.3	0.4	U	-0.2	1.8	2.8	U
^{56}Co	-0.05	0.06	0.1	U	0.03	0.66	0.8	U
^{57}Co	0.004	0.03	0.05	U	0.05	0.23	0.34	U
^{58}Co	0.02	0.06	0.1	U	0.05	0.63	0.69	U
^{60}Co	0.001	0.05	0.08	U	-0.01	0.34	0.58	U
^{51}Cr	-0.6	0.8	1.3	U	-3	24	13	U
^{134}Cs	0.01	0.06	0.08	U	-0.06	0.33	0.53	U
^{137}Cs	3.3	0.1	0.1		2.32	0.84	0.66	
^{152}Eu	0.9	0.4	0.4		1.5	2.2	3.7	U
^{154}Eu	-0.01	0.06	0.09	U	-0.1	1.8	3.00	U
^{155}Eu	0.7	0.1	0.1		-0.01	0.74	1.2	U
^{59}Fe	-0.06	0.2	0.3	U	-0.2	2.5	2.1	U
^{131}I	-0.09	0.8	1.3	U	10	930	27	U
^{40}K	38.5	1.7	0.7		22.4	8.3	9	
^{54}Mn	-0.001	0.05	0.09	U	0.05	0.32	0.5	U
^{22}Na	-0.01	0.06	0.09	U	-0.07	0.36	0.61	U
^{94}Nb	0.01	0.05	0.08	U	0.12	0.28	0.48	U
^{95}Nb	0.1	0.1	0.2	U	0.03	0.75	0.78	U
^{234m}Pa	6.3	8	13.3	U	1	51	90	U
^{210}Pb								
^{212}Pb	2.8	0.1	0.1		2.7	1.1	1.1	
^{214}Pb	2.6	0.1	0.2		2.6	1.6	1.3	
^{106}Ru	3.9	0.5	0.3		-0.04	3.3	5.2	U
^{124}Sb	0.01	0.08	0.1	U	0.26	0.85	0.84	U
^{125}Sb	0.01	0.1	0.2	U	0.07	0.81	1.3	U
^{46}Sc	0.6	0.1	0.2		-0.1	0.59	0.69	U
^{85}Sr	0.5	0.1	0.1		-0.03	0.65	0.67	U
^{227}Th	4.8	0.4	0.6		-0.1	1.8	3	U
^{234}Th	4.2	0.8	0.6		2.1	4.2	5.5	U
^{208}Tl	0.8	0.1	0.08		0.54	0.57	0.65	U
^{235}U	0.4	0.1	0.4		-2	32	2.6	U
^{65}Zn	0.1	0.1	0.2	U	0.08	0.82	1.3	U

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
B2 - 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	Los Alamos Canyon				Los Alamos Canyon			
Date	10/27/2000				10/28/2000			
Location	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples				Los Alamos Canyon below Weir			
Sample ID	LA 6.6B (SED)				LA 5.0			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name								
^{228}Ac	2.7	1.6	2		9.8	4.6	6	
^{110m}Ag	0.06	0.31	0.5	U	8.6	17.8	30.4	U
^{26}Al	0	0	0.390	SQ				
^{241}Am	-0.1	1.9	3.1	U	1.4	1	1.5	U
^{7}Be	23	20	9.4	TI	13	12.5	15.8	U
^{212}Bi	1.8	2.3	3.6	U	16.8	12.3	21.7	U
^{214}Bi	1.1	1	1.2	U	9.1	2.8	2.6	
^{139}Ce	-0.02	0.31	0.42	U	0.2	0.70	1.10	U
^{144}Ce	0.2	2	3	U	-2	3.7	6.1	U
^{56}Co	-0.06	0.67	0.8	U	0.1	1.10	1.9	U
^{57}Co	0	0.25	0.38	U	0.08	0.50	0.8	U
^{58}Co	-0.27	0.71	0.75	U	0.8	1.1	1.9	U
^{60}Co	-0.09	0.31	0.52	U	0.09	0.9	1.5	U
^{51}Cr	-2	21	11	U	-0.7	14.2	22.9	U
^{134}Cs	-0.04	0.3	0.49	U	-1	1	1.3	U
^{137}Cs	1.3	0.33	0.42		10.3	1.6	1.4	
^{152}Eu	-0.2	1.9	3.4	U	-0.3	4	6.5	U
^{154}Eu	-0.6	1.6	2.70	U	0.1	0.9	1.50	U
^{155}Eu	0.16	0.93	1.6	U	0.6	1.2	1.8	U
^{59}Fe	-0.1	2.2	1.8	U	-1.6	2.8	4.4	U
^{131}I	0	820	24	U	18.2	19.3	32.2	U
^{40}K	24.7	9.7	9.2		154	21.2	12.7	
^{54}Mn	-0.03	0.33	0.51	U	0.5	0.9	1.6	U
^{22}Na	0.04	0.31	0.53	U	0.02	0.8	1.4	U
^{94}Nb	0.07	0.28	0.48	U	-0.4	0.8	1.3	U
^{95}Nb	-0.05	0.69	0.71	U	1.2	1.6	2.7	U
^{234m}Pa	-20	110	80	U	27.6	133	219	U
^{210}Pb								
^{212}Pb	0.9	0.42	0.69		13.7	1.6	1.9	
^{214}Pb	2.02	0.51	0.67		9.9	2.2	2.6	
^{106}Ru	-0.2	2.8	4.4	U	33.2	8.9	5.5	
^{124}Sb	-0.04	0.81	0.81	U	-0.9	1.5	2	U
^{125}Sb	0.1	0.71	1.2	U	-0.2	2.1	3.5	U
^{46}Sc	0.14	0.57	0.66	U	1.9	1.7	2.5	U
^{85}Sr	1.02	0.86	0.84	SI	4.6	1.2	2.2	
^{227}Th	0.2	1.5	2.8	U	18.5	5.8	9.1	
^{234}Th	6.9	6.7	8.1	U	21.9	11.3	9.9	
^{208}Tl	0.49	0.57	0.66	U	5.6	1.3	1.4	
^{235}U	0.3	1.6	2.7	U	1.9	1.2	6.5	U
^{65}Zn	-0.06	0.77	1.2	U	-0.5	2.5	3.3	U

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
B2 - 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	Los Alamos Canyon				Los Alamos Canyon			
Date	10/28/2000				7/18/2000			
Location	Los Alamos Canyon @ Skate Rink Gage				Los Alamos Canyon @ Skate Rink Gage			
Sample ID	LA 10.5				LA 11.0			
Nuclide Name	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
^{228}Ac	10.8	3	3.6		1.3	0.44	0.5	
^{110m}Ag	-2	15.9	26.3	U				
^{26}Al								
^{241}Am	0.4	2.2	3.1	U				
^{7}Be	10.7	9.7	16.9	U				
^{212}Bi	-0.9	10.0	16	U				
^{214}Bi	14.8	2.8	2.3		1.1	0.26	0.3	
^{139}Ce	-0.6	0.70	1.10	U				
^{144}Ce	0.6	3.9	6.6	U				
^{56}Co	0.6	1.10	1.8	U				
^{57}Co	-0.09	0.50	0.8	U				
^{58}Co	0.2	1	1.7	U				
^{60}Co	0.1	0.7	1.1	U				
^{51}Cr	14.7	17.1	28	U				
^{134}Cs	0.07	8	1.2	U				
^{137}Cs	3	1.2	1.2		2.3	0.32	0.2	
^{152}Eu	2.7	3.9	6.6	U				
^{154}Eu	0.2	1	1.60	U				
^{155}Eu	2.4	2	2.3					
^{59}Fe	-0.2	2.5	4	U				
^{131}I	23.8	30.2	52.6	U				
^{40}K	223	20.4	10.8		15	2.7	2	
^{54}Mn	0.02	0.7	1.2	U				
^{22}Na	0.2	0.8	1.3	U				
^{94}Nb	0.7	0.7	1.2	U				
^{95}Nb	-1	1.7	2.6	U				
^{234m}Pa	53.3	112	191	U				
^{210}Pb					8.9	2	2	
^{212}Pb	6.2	1.5	1.9		1.6	0.26	0.3	
^{214}Pb	15.8	2.1	2.3		1.6	0.32	0.3	
^{106}Ru	45.2	7.1	4.7					
^{124}Sb	-0.1	1.3	1.9	U				
^{125}Sb	-0.9	1.9	3.1	U				
^{46}Sc	4.6	1.9	1.8					
^{85}Sr	2.3	1.1	1.8					
^{227}Th	-0.8	4.9	6.9	U				
^{234}Th	62.5	27.6	12.3					
^{208}Tl	1.5	1.2	1.1		0.53	0.12	0.1	
^{235}U	4.2	1.3	6.8	U				
^{65}Zn	-1.1	2	2.7	U				

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
B2 - 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	Los Alamos Canyon				Los Alamos Canyon			
Date	10/27/2000				10/27/2000			
Location	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples				DP Canyon above jct. With Los Alamos Canyon			
Sample ID	LA 6.6A (SED)				DP 0.01			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual
Nuclide Name								
^{228}Ac	3.5	1.7	1.8		6.1	2.9	1.7	U
^{110m}Ag	-0.11	0.34	0.5	U	0.07	0.32	0.5	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
^{7}Be	18	19	9.6		16	22	9.9	U
^{212}Bi	0.2	2.2	3.7	U	0.7	2.1	3.5	U
^{214}Bi	2.5	1.6	1.3		3.3	1.3	1.3	
^{139}Ce	0.03	0.42	0.56	U	0	0.40	0.53	U
^{144}Ce	-0.2	2.6	4	U	0.5	2.6	4	U
^{56}Co	-0.12	0.59	0.7	U	-0.02	0.53	0.0	U
^{57}Co	0	0.00	0.5	SQ	-0.06	0.35	0.52	U
^{58}Co	0	0.56	0.61	U	0.02	0.58	0.64	U
^{60}Co	0.02	0.24	0.4	U	0.1	0.24	0.4	U
^{51}Cr	-2	23	12	U	0	22	12	U
^{134}Cs	-0.09	0.28	0.45	U	0.3	0.29	0.5	U
^{137}Cs	0.99	0.63	0.64		3.91	0.73	0.49	
^{152}Eu	-0.6	1.8	3.1	U	0.1	1.7	3	U
^{154}Eu	0.2	1.2	2.10	U	0.1	1.3	2.20	U
^{155}Eu	0.1	1.4	2.3	U	-0.3	1.4	2.3	
^{59}Fe	-0.1	1.9	1.6	U	0.1	1.8	1.6	U
^{131}I	0	1500	16	U	0	790	25	U
^{40}K	38	12	7.2		30.9	8.1	7.2	
^{54}Mn	0.12	0.31	0.48	U	0.12	0.29	0.45	U
^{22}Na	-0.02	0.25	0.43	U	-0.04	0.25	0.42	U
^{94}Nb	0.03	0.26	0.45	U	-0.03	0.26	0.44	U
^{95}Nb	0.16	0.68	0.69	U	-0.17	0.65	0.67	U
^{234m}Pa	-7	45	70	U	10	37	64	U
^{210}Pb								
^{212}Pb	0.7	1.5	1.1	U	1.9	1	1.1	
^{214}Pb	0.4	1.1	1.2	U	2.5	1.3	1.3	
^{106}Ru	0.9	2.8	4.4	U	0.2	2.8	4.4	U
^{124}Sb	0.11	0.72	0.71	U	0	0.82	0.83	U
^{125}Sb	-0.06	0.78	1.3	U	0.22	0.78	1.3	U
^{46}Sc	0.22	0.51	0.58	U	-0.01	0.59	0.59	U
^{85}Sr	0	0.61	0.63	U	0.21	0.63	0.65	U
^{227}Th	-0.1	3.8	3.2	U	0.5	1.8	3.1	U
^{234}Th	1.5	6.4	11	U	0	18	11	U
^{208}Tl	0.83	0.71	0.61		1.14	0.47	0.53	
^{235}U	1.6	0.2	3.3	U	0.6	2.1	3.5	U
^{65}Zn	0.01	0.64	0.97	U	0.22	0.65	0.98	U

Qualifiers:
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SQ - Spectral interference prevents accurate quantitation.
TI - Nuclide identification is tentative
SI - Identification is tentative due to spectral interference
B2 - 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	Los Alamos Canyon				Los Alamos Canyon			
Date	9/8/2000				9/8/2000			
Location	N. Tributary of Pueblo Canyon west of Diamond Dr.				Pueblo Canyon @ confluence with Pueblo North(PUN)			
Sample ID	PUN-0.01				PU-6.7			
	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual
Nuclide Name								
^{228}Ac	1.7	0.2	0.2		1.9	0.1	0.2	
^{110m}Ag	-0.5	0.8	1.4	U	0.08	0.7	1.1	U
^{26}Al								
^{241}Am	0.1	0.05	0.08		0.1	0.09	0.1	
^{7}Be	3	0.6	0.7		3.3	0.6	0.5	
^{212}Bi	2.1	0.8	0.8		2.6	0.6	0.6	
^{214}Bi	2.2	0.2	0.1		3	0.3	0.1	
^{139}Ce	0.01	0.03	0.05	U	-0.01	0.03	0.04	U
^{144}Ce	0.3	0.2	0.3		-0.1	0.2	0.3	U
^{56}Co	-0.01	0.04	0.1	U	0.007	0.04	0.1	U
^{57}Co	-0.002	0.02	0.04	U	0.004	0.02	0.03	U
^{58}Co	-0.07	0.04	0.07	U	0.004	0.04	0.05	U
^{60}Co	0	0.04	0.07	U	0.01	0.03	0.05	U
^{51}Cr	-0.2	0.5	0.8	U	-0.3	0.4	0.7	U
^{134}Cs	0.002	0.04	0.06	U	-0.002	0.03	0.05	U
^{137}Cs	3.4	0.1	0.06		3.3	0.09	0.05	
^{152}Eu	0.3	0.2	0.3		0.3	0.2	0.3	
^{154}Eu	0.004	0.05	0.07	U	-0.007	0.04	0.07	U
^{155}Eu	0.5	0.07	0.1		0.6	0.08	0.1	
^{59}Fe	0.1	0.1	0.2	U	-0.02	0.08	0.1	U
^{131}I	0.04	0.3	0.4	U	-0.2	0.2	0.4	U
^{40}K	34	1.3	0.6		43.1	1.1	0.4	
^{54}Mn	0.02	0.04	0.07	U	0.004	0.03	0.05	U
^{22}Na	-0.03	0.04	0.07	U	-0.02	0.03	0.05	U
^{94}Nb	-0.01	0.04	0.06	U	-0.02	0.03	0.04	U
^{95}Nb	0.2	0.07	0.1		0.08	0.05	0.08	
^{234m}Pa	10.4	6.3	10.8	U	9.6	5.8	7.5	
^{210}Pb								
^{212}Pb	2.1	0.09	0.09		2	0.07	0.08	
^{214}Pb	2	0.1	0.1		2.3	0.1	0.1	
^{106}Ru	3.1	0.4	0.2		3.6	0.3	0.2	
^{124}Sb	0.01	0.05	0.08	U	-0.02	0.04	0.06	U
^{125}Sb	-0.08	0.1	0.2	U	0.001	0.08	0.1	U
^{46}Sc	0.5	0.1	0.08		0.5	0.07	0.1	
^{85}Sr	0.3	0.04	0.08		0.1	0.04	0.06	
^{227}Th	3.5	0.3	0.5		0.08	0.2	0.3	U
^{234}Th	3	0.6	0.5		6.7	1.3	0.5	
^{208}Tl	0.7	0.07	0.06		0.7	0.06	0.05	
^{235}U	0.4	0.07	0.3		0.5	0.06	0.3	
^{65}Zn	-0.07	0.1	0.1	U	-0.02	0.08	0.1	U

Qualifiers:
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SQ - Spectral interference prevents accurate quantitation.
TI - Nuclide identification is tentative
SI - Identification is tentative due to spectral interference
B2 - 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	Los Alamos Canyon				Los Alamos Canyon			
Date	10/28/2000				9/8/2000			
Location	Pueblo Canyon @ Bayo Treatment Plant				Pueblo Canyon @ Bayo Treatment Plant			
Sample ID	PU-2.0				PU-2.0			
	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual
Nuclide Name								
^{228}Ac	2.5	0.4	0.5		2	0.1	0.2	
^{110m}Ag	0.8	2.4	4.0	U	-0.4	0.8	1.3	U
^{26}Al								
^{241}Am	0.1	0.3	0.5	U	0.04	0.1	0.2	U
^{7}Be	3	2.6	2.3		4	0.6	0.6	
^{212}Bi	2	1.5	2.6	U	3.1	0.7	0.7	
^{214}Bi	2.5	0.4	0.3		3.6	0.4	0.1	
^{139}Ce	0.04	0.10	0.20	U	-0.02	0.03	0.05	U
^{144}Ce	-0.2	0.6	0.9	U	-0.1	0.2	0.3	U
^{56}Co	-0.06	0.10	0.2	U	-0.03	0.04	0.1	U
^{57}Co	0.02	0.10	0.1	U	0	0.02	0.04	U
^{58}Co	0.03	0.1	0.3	U	-0.04	0.04	0.06	U
^{60}Co	0.03	0.1	0.2	U	0.01	0.03	0.06	U
^{51}Cr	-1.2	2.4	3.6	U	-0.3	0.5	0.8	U
^{134}Cs	0.04	0.1	0.2	U	0.3	0.2	0.05	
^{137}Cs	2.1	0.2	0.2		4.4	0.1	0.06	
^{152}Eu	0.7	0.5	0.9	U	0.4	0.2	0.3	
^{154}Eu	-0.05	0.1	0.20	U	-0.009	0.05	0.08	U
^{155}Eu	0.6	0.3	0.4		0.8	0.09	0.1	
^{59}Fe	0.04	0.4	0.6	U	0.01	0.09	0.1	U
^{131}I	4.4	4.2	7.4	U	0.2	0.3	0.5	U
^{40}K	47.8	3.8	1.3		42	1.2	0.4	
^{54}Mn	0.02	0.1	0.2	U	0.07	0.04	0.05	
^{22}Na	-0.06	0.1	0.2	U	-0.003	0.04	0.06	U
^{94}Nb	-0.09	0.1	0.1	U	0.006	0.03	0.05	U
^{95}Nb	-0.1	0.3	0.4	U	0.04	0.06	0.09	U
^{234m}Pa	19.4	16.3	29.6	U	15.7	6	8.6	
^{218}Pb								
^{212}Pb	2.1	0.2	0.3		2.3	0.08	0.09	
^{214}Pb	2.5	0.3	0.3		2.9	0.1	0.1	
^{106}Ru	4.1	0.9	0.8		4.1	0.4	0.2	
^{124}Sb	-0.03	0.2	0.3	U	-0.02	0.05	0.07	U
^{125}Sb	-0.06	0.3	0.5	U	0.001	0.09	0.2	U
^{46}Sc	0.6	0.3	0.3		0.7	0.09	0.07	
^{85}Sr	0.3	0.2	0.3		0.2	0.04	0.07	
^{227}Th	-0.01	0.7	1	U	0.2	0.2	0.4	U
^{234}Th	7.4	3.9	2.1		8	1.3	0.6	
^{208}Tl	0.9	0.2	0.2		0.8	0.07	0.05	
^{235}U	0.5	0.3	1	U	0.6	0.07	0.3	
^{65}Zn	-0.1	0.3	0.4	U	0.04	0.09	0.1	U

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
B2 - 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	Los Alamos Canyon				Mortandad Canyon			
Date	9/8/2000				10/23/2000			
Location	Guaje @ SR 502				Mid Mortandad Canyon below TW-8			
Sample ID	GU 0.01				MO 7.2			
	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name								
^{228}Ac	1.7	0.6	0.8		9.5	1.5	2	
^{110m}Ag	1.6	3.5	5.9	U	5.6	11.4	19.2	U
^{26}Al								
^{241}Am	0.2	0.2	0.3	U	126	3.2	2.1	
^{7}Be	0.3	3.4	5.7	U	3.3	5.8	9.6	U
^{212}Bi	1.9	1.9	3.3	U	11.6	6.4	7.9	
^{214}Bi	2.1	0.4	0.4		20.6	1.5	1.3	
^{139}Ce	0.03	0.10	0.20	U	-0.39	0.36	0.59	U
^{144}Ce	-0.9	0.7	1.1	U	-0.11	2.2	3.6	U
^{56}Co	0.1	0.30	0.5	U	0.07	0.45	0.8	U
^{57}Co	0.05	0.10	0.1	U	0.75	0.37	0.46	
^{58}Co	0.3	0.3	0.5	U	-0.14	0.46	0.72	U
^{60}Co	-0.1	0.1	0.2	U	2.4	0.48	0.59	
^{51}Cr	9.2	9.6	16.1	U	-2.2	6.9	10.9	U
^{134}Cs	-0.07	0.1	0.2	U	0.01	0.44	0.62	U
^{137}Cs	2.3	0.3	0.2		234	2.4	0.67	
^{152}Eu	-0.5	0.7	1	U	3.9	2.7	3.1	
^{154}Eu	0.02	0.1	0.20	U	1.5	0.73	0.95	
^{155}Eu	0.3	0.2	0.3	U	3.7	0.94	1.1	
^{59}Fe	0.7	1.2	2	U	-0.44	1.1	1.7	U
^{131}I	-301	421	652	U	-0.48	5	8.4	U
^{40}K	33	4.1	1.9		228	9.8	5.2	
^{54}Mn	-0.02	0.2	0.3	U	0.19	0.37	0.64	U
^{22}Na	-0.05	0.2	0.3	U	0.08	0.38	0.62	U
^{94}Nb	-0.1	0.1	0.2	U	0.12	0.33	0.57	U
^{95}Nb	0.6	0.9	1.5	U	0.95	0.71	1	U
^{234m}Pa	3.9	20.4	33.7	U	163	66.9	87.6	
^{210}Pb								
^{212}Pb	2.3	0.3	0.3		8.8	0.8	1.1	
^{214}Pb	2.1	0.4	0.4		20.8	1.4	1.5	
^{106}Ru	5.1	1.4	0.9		49.7	4.8	3	
^{124}Sb	0.1	0.4	0.6	U	-0.52	0.54	0.83	U
^{125}Sb	-0.1	0.3	0.6	U	-1.3	1.3	2.2	U
^{46}Sc	0.7	0.5	0.7	U	4.9	0.81	0.83	
^{85}Sr	1	0.3	0.6		2.4	0.57	0.91	
^{227}Th	3.3	0.9	1.5		0.35	2.9	4.2	U
^{234}Th	3.7	2	1.8		73	12.9	6.7	
^{208}Tl	0.8	0.2	0.2		2.7	0.62	0.65	
^{235}U	0.4	0.2	1	U	4.4	0.8	3.8	
^{65}Zn	-0.1	0.4	0.6	U	0.56	1	1.4	U

Qualifiers:
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SQ - Spectral interference prevents accurate quantitation.
TI - Nuclide identification is tentative
SI - Identification is tentative due to spectral interference
B2 - 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	Mortandad Canyon				Mortandad Canyon			
Date	8/18/2000				10/23/2000			
Location	Canada del Buey @ SR4				Canada del Buey @ SR 4			
Sample ID	CDB 1.9				CDB 1.9			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name								
^{228}Ac	2.4	0.4	0.5		2.1	0.18	0.24	
^{110m}Ag	1.1	1.8	3.1	U	0.23	0.98	1.6	U
^{26}Al								
^{241}Am	0.1	0.1	0.2	U	-0.01	0.15	0.22	U
^{7}Be	9.4	1.5	1.5		6.2	0.94	0.7	
^{212}Bi	3.3	1.8	2		2.4	1.0	1	
^{214}Bi	2.8	0.4	0.3		2.1	0.19	0.2	
^{139}Ce	0.04	0.06	0.10	U	0.004	0.04	0.07	U
^{144}Ce	- 0.4	0.4	0.6	U	0.02	0.26	0.41	U
^{56}Co	0.08	0.10	0.2	U	-0.009	0.05	0.1	U
^{57}Co	- 0.01	0.05	0.08	U	0.01	0.03	0.05	U
^{58}Co	- 0.1	0.1	0.2	U	-0.06	0.05	0.08	U
^{60}Co	- 0.08	0.1	0.2	U	0.04	0.05	0.21	U
^{51}Cr	-0.02	1.1	1.7	U	-0.41	0.59	0.91	U
^{134}Cs	0.001	0.1	0.1	U	-0.03	0.05	0.07	U
^{137}Cs	0.2	0.2	0.2	U	0.22	0.07	0.08	
^{152}Eu	0.2	0.5	0.8	U	0.25	0.23	0.4	U
^{154}Eu	-0.08	0.1	0.20	U	0.02	0.07	0.11	U
^{155}Eu	0.9	0.2	0.2		0.65	0.12	0.14	
^{59}Fe	0.09	0.2	0.4	U	0.03	0.12	0.21	U
^{131}I	-0.2	0.6	0.9	U	0.05	0.24	0.42	U
^{40}K	50.3	2.5	1.3		37.8	1.8	0.69	
^{54}Mn	0.01	0.1	0.2	U	0.02	0.05	0.08	U
^{22}Na	0.1	0.1	0.2	U	0.02	0.05	0.09	U
^{94}Nb	0.05	0.1	0.1	U	0.03	0.04	0.08	U
^{95}Nb	0.1	0.1	0.2	U	0.04	0.08	0.11	U
^{234m}Pa	10.3	15.1	25.2	U	16.1	7.3	13.5	
^{210}Pb								
^{212}Pb	3.2	0.2	0.2		2.1	0.12	0.12	
^{214}Pb	3.0	0.2	0.3		2.1	0.17	0.15	
^{106}Ru	7.6	0.9	0.6		2.8	0.46	0.31	
^{124}Sb	-0.05	0.1	0.2	U	0.007	0.06	0.09	U
^{125}Sb	0.01	0.2	0.4	U	0.01	0.12	0.2	U
^{46}Sc	0.7	0.2	0.2		0.37	0.11	0.15	
^{85}Sr	0.8	0.1	0.2		0.1	0.05	0.09	
^{227}Th	5.5	0.6	1		-0.01	0.33	0.48	U
^{234}Th	4.6	1.4	1		7.1	2.1	0.84	
^{208}Tl	1.1	0.2	0.1		0.65	0.09	0.07	
^{235}U	0.6	0.2	0.7	U	0.51	0.1	0.45	
^{65}Zn	0.01	0.2	0.3	U	-0.02	0.12	0.17	U

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SI - Identification is tentative due to spectral interference
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MDA - Minimum Detection Activity

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

Watershed	Pajarito Canyon				Pajarito Canyon			
Date	9/8/2000				10/23/2000			
Location	Pajarito Canyon @ SR501(west of LANL)				Unnamed Tributary @ PA 2.2			
Sample ID	PA 10.4				UN 0.01			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name								
^{228}Ac	1.6	0.3	0.5		5	1.5	1.7	
^{110m}Ag	-1.3	2.4	4.0	U	2.9	7	11.9	U
^{26}Al								
^{241}Am	0.09	0.3	0.4	U	0.19	0.92	1.4	U
^{7}Be	6.8	3.3	4.2		21.2	5	5.4	
^{212}Bi	3.3	1.8	1.8		5.7	8.0	7.3	U
^{214}Bi	2.4	0.3	0.2		6	1.1	1.0	
^{139}Ce	-0.03	0.10	0.20	U	0.03	0.28	0.46	U
^{144}Ce	-0.5	0.6	0.9	U	1.2	1.7	3	U
^{56}Co	-0.09	0.20	0.3	U	0.33	0.38	0.7	U
^{57}Co	-0.04	0.10	0.1	U	0.1	0.22	0.38	U
^{58}Co	0.04	0.2	0.3	U	0.28	0.36	0.64	U
^{60}Co	-0.03	0.1	0.1	U	-0.01	0.3	0.49	U
^{51}Cr	-2.7	6.6	10.2	U	2.9	4.1	7.3	U
^{134}Cs	-0.04	0.1	0.1	U	0.16	0.33	0.49	U
^{137}Cs	3.7	0.3	0.1		0.57	0.38	0.68	U
^{152}Eu	0.6	0.4	0.8	U	0.17	1.6	2.7	U
^{154}Eu	0.03	0.1	0.20	U	-0.19	0.44	0.73	U
^{155}Eu	0.5	0.2	0.3		0.47	0.63	1.1	U
^{59}Fe	-0.3	0.7	1.1	U	0.47	0.86	1.5	U
^{131}I	-41.1	291	487	U	-1.4	2.1	3.4	U
^{40}K	34.9	3	1.2		90.6	9.6	5.1	
^{54}Mn	0.04	0.1	0.2	U	0.2	0.33	0.59	U
^{22}Na	0.05	0.1	0.2	U	-0.13	0.35	0.55	U
^{94}Nb	0.04	0.8	0.1	U	0.19	0.3	0.53	U
^{95}Nb	0.02	0.6	0.9	U	0.02	0.05	0.8	U
^{234m}Pa	20.2	14.5	26.5	U	44.8	76.7	78	U
^{210}Pb								
^{212}Pb	1.6	0.2	0.2		4.8	0.73	0.82	
^{214}Pb	2.1	0.3	0.3		6.2	0.98	1.1	
^{106}Ru	3.9	0.9	0.7		12.2	3.2	2.3	
^{124}Sb	0.2	0.3	0.4	U	-0.01	0.39	0.62	U
^{125}Sb	-0.08	0.2	0.4	U	0.008	0.83	1.8	U
^{46}Sc	0.7	0.3	0.5		0.82	0.75	0.97	U
^{85}Sr	0.2	0.2	0.4	U	0.68	0.41	0.68	U
^{227}Th	0.06	0.6	0.9	U	-1.8	2.3	3.1	U
^{234}Th	5.1	2.9	1.6		24.9	10.4	6.1	
^{208}Tl	0.6	0.2	0.1		1.5	0.56	0.51	
^{235}U	0.4	0.2	0.8	U	1.3	0.65	3.3	U
^{65}Zn	0.08	0.3	0.4	U	0.12	0.87	1.3	U

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

Watershed	Pajarito Canyon				Pajarito Canyon			
Date	10/28/2000				10/28/2000			
Location	Twomile Canyon @ SR 501				Pajarito Canyon @ SR 4			
Sample ID	TM 3.1				PA 2.2			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name								
^{228}Ac	6.4	2.8	4.6		2.2	0.05	0.6	
^{110m}Ag	12.8	14.4	25.2	U	1.2	2.6	4.4	U
^{26}Al								
^{241}Am	-0.2	0.7	1	U	0.2	0.1	0.2	
^{7}Be	1.9	7.7	13.0	U	3.4	2.7	2.6	
^{212}Bi	6	8.6	14.9	U	2.7	2.1	2.5	
^{214}Bi	5.5	2.2	2.0		1.8	0.4	0.3	
^{139}Ce	0.1	0.50	0.80	U	0.08	0.10	0.20	U
^{144}Ce	-0.4	2.9	4.8	U	-0.4	0.6	0.9	U
^{56}Co	0.3	0.90	1.5	U	-0.04	0.20	0.3	U
^{57}Co	-0.01	0.40	0.6	U	0.005	0.07	0.1	U
^{58}Co	-0.5	0.9	1.4	U	0.08	0.2	0.3	U
^{60}Co	0.4	0.7	1.2	U	0.08	0.1	0.2	U
^{51}Cr	-2.7	12.5	19.9	U	0.8	0.25	4.1	U
^{134}Cs	-0.4	0.7	1	U	-0.1	0.1	0.2	U
^{137}Cs	3.1	1.2	1		3.2	0.3	0.2	
^{152}Eu	2.2	2.9	5.3	U	0.1	0.5	0.9	U
^{154}Eu	-0.01	0.7	1.10	U	-0.03	0.1	0.20	U
^{155}Eu	1.2	0.8	1.3	U	0.3	0.2	0.3	
^{59}Fe	-0.02	2.5	4	U	0.2	0.5	0.8	U
^{131}I	8.6	25.9	42.5	U	5.5	4.7	8	U
^{40}K	111	16.9	9.1		28.4	3.5	1.5	
^{54}Mn	-0.2	0.7	1.1	U	-0.07	0.1	0.2	U
^{22}Na	0.1	0.7	1.2	U	-0.06	0.1	0.2	U
^{94}Nb	0.3	0.6	1	U	0.04	0.1	0.2	U
^{95}Nb	-0.3	1.5	2.4	U	0.2	0.3	0.5	U
^{234m}Pa	3.5	99.7	163	U	-0.8	17.9	29	U
^{210}Pb								
^{212}Pb	3.3	1.3	1.5		2.1	0.3	0.3	
^{214}Pb	5.7	1.4	1.9		1.4	0.4	0.4	
^{106}Ru	19.1	5.6	4.4		4.1	1	0.8	
^{124}Sb	-1	1.2	1.6	U	-0.1	0.2	0.3	U
^{125}Sb	-0.9	1.6	2.6	U	-0.01	0.3	0.5	U
^{46}Sc	2.6	1.2	2.3		0.3	0.3	0.4	U
^{85}Sr	3.8	1	1.8		0.6	0.2	0.3	
^{227}Th	5	4.2	6.3	U	3.9	0.8	1.4	
^{234}Th	15.1	6.4	7.3		2.2	1.6	1.5	
^{208}Tl	0.4	1	0.9	U	0.7	0.2	0.2	
^{235}U	-0.09	2.8	4.6	U	0.4	0.2	0.9	U
^{65}Zn	-3.5	1.9	2.5	U	0.2	0.3	0.5	U

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

Watershed	Pajarito Canyon				Pajarito Canyon			
Date	10/23/2000				10/23/2000			
Location	Pajarito Canyon below TA 18				TA - 54 Area G Tributary (below NPDES Station G-3)			
Sample ID	PA 4.8				AREA G TRIB			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name								
^{228}Ac	7.2	3.4	6.5		5.8	0.93	1.2	
^{110m}Ag	-5.5	18	29.6	U	-0.94	4.6	7.6	U
^{26}Al								
^{241}Am	1.6	0.94	1.5		-0.03	0.65	0.99	U
^{7}Be	11.8	9.2	16.4	U	12.9	3	3.6	
^{212}Bi	14	12.0	21.6	U	4.3	3.3	5.8	U
^{214}Bi	9.6	3.2	2.9		6.6	0.83	0.7	
^{139}Ce	-0.19	0.63	1.00	U	-0.11	0.18	0.29	U
^{144}Ce	0.31	3.9	6.4	U	0.22	1.1	1.9	U
^{56}Co	0.1	1.00	1.7	U	-0.07	0.25	0.4	U
^{57}Co	-0.01	0.46	0.76	U	-0.12	0.15	0.24	U
^{58}Co	0.27	1	1.7	U	0.07	0.24	0.41	U
^{60}Co	-0.06	1.1	1.7	U	-0.04	0.22	0.34	U
^{51}Cr	-6.7	11.3	17.7	U	0.58	2.5	4.4	U
^{134}Cs	0.29	1	1.5	U	0.18	0.22	0.34	U
^{137}Cs	0.91	0.98	1.7	U	0.003	0.24	0.39	U
^{152}Eu	-0.11	4.7	7.9	U	0.78	1.1	1.9	U
^{154}Eu	-0.02	0.93	1.50	U	0.03	0.3	0.50	U
^{155}Eu	1.6	1.3	1.9	U	1.3	0.57	0.81	
^{59}Fe	-0.12	2.3	3.8	U	0.03	0.53	0.88	U
^{131}I	1.7	5.4	8.8	U	-0.67	1.4	2.2	U
^{40}K	121	19.1	12.4		78.9	7	3.1	
^{54}Mn	0.54	0.91	1.6	U	-0.03	0.23	0.38	U
^{22}Na	-0.68	0.9	1.4	U	-0.18	0.25	0.38	U
^{94}Nb	0.15	0.82	1.4	U	0.07	0.18	0.31	U
^{95}Nb	0.32	1.2	2	U	0.06	0.34	0.55	U
^{234m}Pa	166	143	258	U	4.6	33.3	62.7	U
^{210}Pb								
^{212}Pb	5.5	2.1	1.9		4.9	0.62	0.58	
^{214}Pb	8.7	2.3	2.7		7.4	0.74	0.68	
^{106}Ru	23.1	7.2	5.9		9.2	2.2	1.4	
^{124}Sb	0.58	1.2	1.9	U	-0.02	0.3	0.42	U
^{125}Sb	0.04	2.3	3.8	U	-0.09	0.55	0.92	U
^{46}Sc	3.2	2.7	2		1.7	0.62	0.43	
^{85}Sr	3	1.1	2		0.34	0.25	0.41	U
^{227}Th	9.1	5.8	8.9		0.44	1.5	2.2	U
^{234}Th	16.3	9.4	9.6		15.9	10.1	4	
^{208}Tl	2.6	1.8	1.4		1.8	0.41	0.33	
^{235}U	-0.55	4.1	6.8	U	1.5	0.46	2.1	U
^{65}Zn	1.9	2.1	3.3	U	0.22	0.51	0.77	U

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SI - Identification is tentative due to spectral interference
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Table 1. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 1

Watershed	Water Canyon				Water Canyon			
Date	10/23/2000				10/24/2000			
Location	Water Canyon @ SR 4				Water Canyon @ SR 4 (ISCO sample)			
Sample ID	WA 2.9				WA 2.9 ISCO			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name								
^{228}Ac	3.8	1.9	2.4		5.4	1.6	2.1	
^{110m}Ag	-2.2	7.3	12.2	U	8.3	8.6	15.1	U
^{26}Al								
^{241}Am	3.2	0.47	0.61		0.54	1.2	1.8	U
^{7}Be	18.3	5	5.6		19.4	6.2	6.7	U
^{212}Bi	4.1	4.8	8.1	U	8.3	5.4	9.9	U
^{214}Bi	12.2	1.3	1.1		6.3	1.6	1.4	
^{139}Ce	0.11	0.26	0.43	U	-0.78	0.35	0.56	U
^{144}Ce	-0.63	1.6	2.6	U	0.14	2.2	3.7	U
^{56}Co	-0.12	0.43	0.7	U	-0.41	0.49	0.8	U
^{57}Co	0.06	0.20	0.33	U	0.12	0.27	0.45	U
^{58}Co	-0.38	0.4	0.65	U	-0.31	0.45	0.71	U
^{60}Co	-0.1	0.38	0.61	U	-0.25	0.42	0.62	U
^{51}Cr	2.3	4.1	6.7	U	-1.9	5	8.3	U
^{134}Cs	-0.52	0.41	0.56	U	0.26	0.48	0.73	U
^{137}Cs	3.5	0.64	0.64		2.7	0.93	0.76	
^{152}Eu	0.58	1.8	3.1	U	2.5	2	3.8	U
^{154}Eu	0.31	0.4	0.66	U	-0.43	0.54	0.87	U
^{155}Eu	0.4	0.59	0.74	U	1.5	0.85	1.3	
^{59}Fe	-0.03	0.93	1.5	U	-0.45	1	1.6	U
^{131}I	0.86	1.6	2.7	U	-0.06	2.3	3.8	U
^{40}K	130	10.4	5.4		110	12.4	5.6	
^{54}Mn	0.15	0.37	0.62	U	-0.16	0.4	0.66	U
^{22}Na	-0.47	0.39	0.6	U	-0.11	0.4	0.62	U
^{94}Nb	0.09	0.34	0.57	U	-0.6	0.36	0.59	U
^{95}Nb	0.24	0.5	0.83	U	0.56	0.66	1.1	U
^{234m}Pa	24	57.5	95.2	U	18.8	58	99.3	U
^{210}Pb								
^{212}Pb	5.8	0.75	0.82		4.2	0.91	1.1	
^{214}Pb	12.2	1	1.1		7.2	1.3	1.2	
^{106}Ru	27.8	3	2.3		18	3.9	2.5	
^{124}Sb	-0.31	0.5	0.69	U	-0.02	0.57	0.89	U
^{125}Sb	-0.68	0.9	1.5	U	0.54	1.1	1.8	U
^{46}Sc	2.7	0.67	0.74		1.5	0.84	0.76	
^{85}Sr	2.9	0.45	0.76		0.6	0.46	0.75	U
^{227}Th	7.2	2.4	3.6		0.58	2.9	4.1	U
^{234}Th	15.6	5.7	4.2		30.1	14.6	7.3	
^{208}Tl	2.1	0.59	0.56		0.76	0.77	0.67	
^{235}U	1.6	0.59	2.8	U	2.3	0.92	3.9	U
^{65}Zn	0.13	0.97	1.4	U	0.72	1	1.5	U

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
B2 - 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	Water Canyon				Water Canyon			
Date	10/28/2000				10/23/2000			
Location	Water Canyon @ SR 4				Potrillo Canyon @ SR 4			
Sample ID	WA 2.9				PO 1.8			
	(pCi/g)	Unc.(+/-)	MDA	Qual	(pCi/g)	Unc.(+/-)	MDA	Qual
Nuclide Name								
^{228}Ac	5.7	1.6	2.1		5.4	2.7	4.8	
^{110m}Ag	-6.8	9.1	14.4	U	-1.2	13.8	22.9	U
^{26}Al								
^{241}Am	9.2	1.2	1.8		-0.88	0.71	1.1	U
^{7}Be	5.3	5.7	10.0	U	9	8.6	11.1	U
^{212}Bi	5.4	5.8	10	U	5.6	9.5	16.4	U
^{214}Bi	6.4	1.6	1.2		5.3	2.6	2.1	
^{139}Ce	0.2	0.40	0.70	U	-0.08	0.47	0.76	U
^{144}Ce	1.8	2.3	3.8	U	1.41	3	4.9	U
^{56}Co	-0.1	0.50	0.9	U	0.15	0.81	1.4	U
^{57}Co	-0.2	0.30	0.5	U	-0.15	0.35	0.58	U
^{58}Co	0.04	0.5	0.9	U	0.1	0.77	1.3	U
^{60}Co	-0.06	0.4	0.7	U	0.58	0.67	1.2	U
^{51}Cr	-3.1	9.1	14.1	U	1.8	8	13.1	U
^{134}Cs	0.1	0.5	0.7	U	-0.5	0.82	1.1	U
^{137}Cs	2.8	0.7	0.7		0.61	0.72	1.3	U
^{152}Eu	1.9	2.1	3.7	U	1	3	5.3	U
^{154}Eu	0.06	0.5	0.90	U	-0.45	0.71	1.20	U
^{155}Eu	0.8	1.2	1.3	U	0.28	0.85	1.4	U
^{59}Fe	-1.2	1.5	2.3	U	0.11	1.9	3.1	U
^{131}I	2.2	17.7	30.1	U	1.6	4.1	6.7	U
^{40}K	105	12.7	6.9		89.9	7.5	11.8	
^{54}Mn	0.1	0.4	0.8	U	0.24	0.68	1.1	U
^{22}Na	-0.4	0.5	0.7	U	-0.018	0.67	1.1	U
^{94}Nb	-0.23	0.3	0.5	U	-0.004	0.63	1	U
^{95}Nb	0.06	0.9	1.5	U	0.11	0.88	1.5	U
^{234m}Pa	57.8	64.6	116	U	-10.1	112	180	U
^{210}Pb								
^{212}Pb	4.1	0.8	1		4.9	1.6	1.6	
^{214}Pb	7.8	1.2	1.3		6.2	2	1.9	
^{106}Ru	16.5	4.1	2.8		26.9	7	4.3	
^{124}Sb	-0.4	0.7	1	U	0.29	0.99	1.4	U
^{125}Sb	0.8	1.1	1.8	U	-0.54	1.5	2.5	U
^{46}Sc	1.8	0.9	1		1.7	1.1	1.6	
^{85}Sr	0.7	0.6	1	U	2.6	0.81	1.6	
^{227}Th	0.5	2.6	3.8	U	9.8	4.5	7	
^{234}Th	27.6	13.7	7.1		9.8	7.8	8.7	
^{208}Tl	1.3	0.6	0.7		1	0.73	1.3	U
^{235}U	2	0.7	4	U	-0.22	3.1	5	U
^{65}Zn	0.3	1	1.5	U	1.4	1.6	2.6	U

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
B2 - 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				Rio Grande - White Rock Canyon			
Date	10/24/2000				10/24/2000			
Location	Rio Grande near White Rock(08313268) at 1:30 am				Rio Grande near White Rock(08313268) at 5:30 am			
Sample ID	White Rock, Rio Grande				White Rock, Rio Grande			
	(pCi/g)	Unc.(+/-)	MDC	Qual	(pCi/g)	Unc.(+/-)	MDC	Qual
Nuclide Name								
^{228}Ac	3	1.1	1.3		2.1	0.4	0.5	
^{110m}Ag	3.5	5.1	8.8	U	-0.32	1.8	3.0	U
^{26}Al								
^{241}Am	0.3	0.3	0.4	U	0.16	0.13	0.2	U
^{7}Be	3.2	3.8	4.0	U	2.1	1.5	1.6	
^{212}Bi	0.36	3.4	5.7	U	2.2	1.4	2.6	U
^{214}Bi	3.4	0.7	0.7		2	0.3	0.3	
^{139}Ce	0.08	0.17	0.28	U	-0.04	0.07	0.12	U
^{144}Ce	-0.41	1.06	1.7	U	-0.35	0.45	0.73	U
^{56}Co	0.06	0.27	0.5	U	0.002	0.12	0.2	U
^{57}Co	0.03	0.13	0.21	U	-0.02	0.05	0.09	U
^{58}Co	-0.15	0.28	0.44	U	-0.12	0.16	0.16	U
^{60}Co	0.1	0.25	0.44	U	-0.03	0.16	0.16	U
^{51}Cr	-2.4	2.9	4.5	U	0.27	1.2	1.9	U
^{134}Cs	0.24	0.25	0.39	U	-0.02	0.1	0.15	U
^{137}Cs	2.3	0.5	0.3		0.55	0.22	0.16	
^{152}Eu	0.8	1.2	2.2	U	0.18	0.5	0.87	U
^{154}Eu	0.65	0.26	0.43		-0.03	0.18	0.18	U
^{155}Eu	0.25	0.44	0.55	U	0.52	0.15	0.25	
^{59}Fe	-0.34	0.66	1	U	0.09	0.28	0.46	U
^{131}I	1	1.4	2.4	U	0.4	0.62	1	U
^{40}K	47.9	7.1	3.7		30.3	3	1.4	
^{54}Mn	-0.13	0.24	0.38	U	0.05	0.05	0.17	U
^{22}Na	-0.17	0.26	0.41	U	-0.04	0.1	0.17	U
^{94}Nb	0.08	0.22	0.38	U	0.01	0.09	0.15	U
^{95}Nb	-0.04	0.36	0.58	U	0.28	0.2	0.28	U
^{234m}Pa	46	39.1	70.3	U	-3.3	16.9	27	U
^{210}Pb								
^{212}Pb	3.6	0.5	0.5		2	0.2	0.22	
^{214}Pb	3.4	0.7	0.7		2.2	0.27	0.28	
^{106}Ru	7.1	2.4	1.6		3.3	0.8	0.6	
^{124}Sb	0.29	0.35	0.5	U	0.05	0.14	0.2	U
^{125}Sb	-0.03	0.59	1	U	0.05	0.24	0.41	U
^{46}Sc	0.43	0.35	0.63	U	0.44	0.22	0.22	
^{85}Sr	0.77	0.29	0.54		0.2	0.12	0.19	
^{227}Th	5.9	1.7	2.8		2.9	0.7	1.1	
^{234}Th	8	3.9	3.6		4	1.7	1.3	
^{208}Tl	1.2	0.4	0.4		0.65	0.15	0.16	
^{235}U	0.71	0.42	1.8	U	0.41	0.13	0.75	U
^{65}Zn	-0.43	0.6	0.9	U	-0.27	0.31	0.37	U

Qualifiers:
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TI - Nuclide identification is tentative
SI - Identification is tentative due to spectral interference
B2 - Five times greater activity than the measured blank.
MDA - Minimum Detection Activity

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

				Gross Alpha			Gross Beta		
Sample ID	Sample Location	Date	Time	(pCi/g)	unc. (+/-)	DL	(pCi/g)	unc. (+/-)	DL
Acid & Pueblo Canyons									
SFAC 0.01	S Fork Acid Canyon above conf. with Acid	09/08/00							
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	42.1	14.6	2.9	56.4	4	3.3
AC-0.5	Acid Canyon above confluence with SFAC	09/08/00							
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	29.9	11.6	3.7	54.7	4	3.1
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
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
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00	38.5	12.7	3.2	60.3	4.2	3
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08	39.0	12.9	3	55.4	4.1	3
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
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
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
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
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
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
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
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
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	09/12/00	10:33						
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

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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
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
PA 10.4	Pajarito @ SR 501	09/08/00	16:50	26.7	10.5	2.8	47.5	3.6	3.3
PA 10.4	Pajarito @ SR 501	10/28/00	13:00	19.2	6.7	2.8	41.3	3.4	3.1
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
PA 2.2	Pajarito @ SR 4	10/28/00	12:00	14.9	6.2	2.8	39.3	3.3	2.8
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
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
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
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40						
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	41.4	15.8	3.5	66.1	4.5	3.1
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
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	31.3	12	3.6	45.4	3.8	3.6
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
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
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00	34.1	13	2.5	43.6	3.6	3
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00	16:55	182	60.2	3.6	231	11.4	3.4
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							
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						
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						

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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	^{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									
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	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	< 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	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	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	< 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	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	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	< 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	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	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	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	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	< 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	< 0.07	0.11	0.07	0.09	0.05	0.06	< 0.06	0.04	0.06

DL - Detection Limit
Uncertainty = +/- 2s Total pro agate inty
< = Less than value

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	^{238}Pu (pCi/g)	unc. (+/-)	DL	^{239}Pu (pCi/g)	unc. (+/-)	DL	^{241}Am (pCi/g)	unc. (+/-)	DL
Pajarito Canyon Watershed												
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15	< 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	< 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	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	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	< 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	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	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	< 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	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	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	< 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									
Mortandad Canyon Watershed												
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50	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	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	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	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										
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 proj ncertainty
< = 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
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
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
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
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
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

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

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

				^{234}U			^{235}U			^{238}U		
Sample ID	**Sample Location**	**Date**	**Time**	**(pCi/g)**	**unc. (+/-)**	**DL**	**(pCi/g)**	**unc. (+/-)**	**DL**	**(pCi/g)**	**unc. (+/-)**	**DL**
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 T[illegible]gated uncertainty
< = Less than [illegible]alue

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

Sample ID	Sample Location	Date	Time	^{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										
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										
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	1.62	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	1.65	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	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									
Los Alamos Canyon												
LA Reservoir	Los Alamos Reservoir (Sediment from botom of reservoir)	08/31/00	10:45									
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59									
LA 10.5	Los Alamos Canyon at Skate Ring Gage	10/28/00	13:45									
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	18:20 - 18:55									
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:00 - 19:35									
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:40 - 20:15									
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									
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	09/12/00	10:33	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									

DL - Det ction L
Uncertai ty = + propagated uncertainty
< = Less than v

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

Sample ID	Sample Location	Date	Time	^{228}Th (pCi/g)	unc. (+/-)	DL	^{230}Th (pCi/g)	unc. (+/-)	DL	^{232}Th (pCi/g)	unc. (+/-)	DL
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									
PA 10.4	Pajarito @ SR 501	10/28/00	13:00									
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55									
PA 2.2	Pajarito @ SR 4	10/28/00	12:00									
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05									
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17									
Water Canyon Watershed												
WA 9.9	Water Canyon @ SR 502	10/28/00	12:30									
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 (ISCO sample)	10/24/00	14:41 - 15:41									
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10									
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40									
Mortandad Canyon Watershed												
CDB 5.4	Canada del Buey below TA-46	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	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										
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									
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									

DL - Detec[illegible]mit
Un[illegible]rtain[illegible] Total propagated uncertainty
< = Less t[illegible]

Table 4. ,ED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analyt.. . 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
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
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

Table 4 ,ED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analy. . 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
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

le 4. ..ED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analyt.. . Results: Strontium, Cesium, Plutonium-241, and Curium Activities

Sample ID	Sample Location	Date	Time		^{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																	
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																	
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																
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																
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00																
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08																
Los Alamos Canyon																			
LA Reservoir	Los Alamos Reservoir (Sediment from botom of reservoir)	08/31/00	10:45																
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59	<	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																
LA 6.6A	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	18:20 - 18:55																
LA 6.6B	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:00 - 19:35																
LA 6.6C	Middle Los Alamos Canyon Gage E030 Composite of (8) 5 minute ISCO samples	10/27/00	19:40 - 20:15																

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

Sample ID	Sample Location	Date	Time	^{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
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												
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	09/12/00	10:33												
GA @ SR 502	Guaje @ SR 502 (COLLECTED BY ESH-18)	09/08/00	18:31												
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												
PA 10.4	Pajarito @ SR 501	10/28/00	13:00												
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55												
PA 2.2	Pajarito @ SR 4	10/28/00	12:00												
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05												
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17												
Water Canyon Watershed															
WA 9.9	Water Canyon @ SR 502	10/28/00	12:30												
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 (ISCO sample)	10/24/00	14:41 - 15:41												
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10												
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40												
Mortandad Canyon Watershed															
CDB 5.4	Canada del Buey below TA-46	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	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													
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												
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												

DL - Detection Limit

Uncertainty = +/- 2s Total propagated uncertainty

< = Less than value

Table 3. 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 POTW	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 POTW	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		

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.
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		

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

Sample ID	Sample Location	Date	Time	Al (mg/Kg)	Al DL	Sb (mg/Kg)	Sb DL	As (mg/Kg)	As DL	B (mg/Kg)	B DL	Ba (mg/Kg)	Ba DL	Be (mg/Kg)	Be DL	Bi (mg/Kg)	Bi D.L.
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

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
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		

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

Sample ID	Sample Location	Date	Time	Cd (mg/Kg)	Cd DL	Cr (mg/Kg)	Cr DL	Co (mg/Kg)	Co DL	Cu (mg/Kg)	Cu DL	Fe (mg/Kg)	Fe DL	Pb (mg/Kg)	Pb DL	Li (mg/Kg)	Li DL
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 background

Table . . 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

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
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		

Table . . 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
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 6. ..MED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytica. ..sults: Trace Metals 4

Sample				Sr		Ag		Sn		Ti		Tl		V		Zn		Uranium (MS)	
ID	Sample Location	Date	Time	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	D.L.	(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				0.549	0.01					0.107	0.01	16.4	0.006	80.7	0.04		
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15			0.0281	0.01					0.068	0.01	10.3	0.006	94.6	0.04		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	09/08/00				0.469	0.01					0.201	0.01	16.0	0.006	35.9	0.04		
SFAC 0.01	Composited Suspended Sediment from both samples	10/12/00 10/13/00	12:00, 15:00			0.436	0.01					0.312	0.01	24.1	0.006	113	0.04		
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30	38.6	0.005			0.309	0.005	374	0.01								
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30			0.146	0.01					0.202	0.01	21.3	0.006	63.0	0.04	1.68	0.0005
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00	36.5	0.005	0.235	0.04	0.239	0.005	338	0.01	0.730	0.04	23.7	0.020	88.4	0.2	2.39	0.002
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50	55.3	0.005	0.0162	0.01	0.297	0.005	387	0.01	0.171	0.01	20.2	0.006	69.1	0.04	1.51	0.0005
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00			0.0246	0.01					0.296	0.01	25.4	0.006	87.8	0.04	2.40	0.0005
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08			0.127	0.01					0.234	0.01	13.4	0.006	72.7	0.04	1.46	0.0005
Los Alamos Canyon				65.9	0.005														
LA Reservoir	Los Alamos Reservoir (Bottom Sediments)	08/31/00	10:45			0.141	0.01					0.585	0.01	22.1	0.006	90.3	0.04	1.88	0.0005
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59	-		< 1	1					0.3	0.1	17	1.000	82	1		

Table . .MED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytica. . .esults: Trace Metals 4

Sample				Sr		Ag		Sn		Ti		Tl		V		Zn		Uranium (MS)	
ID	Sample Location	Date	Time	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	D.L.	(mg/Kg)	D.L.	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL
LA 10.5	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	10/28/00	13:45	44.7	0.05	0.183	0.01	19.5	0.05	524	0.1	0.555	0.01	22.6	0.006	142	0.04	2.05	0.0005
LA 5.0	Outlet of Los Alamos Canyon Sed. Retention Structure	09/12/00	10:33			4.58	0.1					1.89	0.1	33.2	0.060	171	0.4		
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	10/28/00	10:05			0.244	0.010					0.543	0.01	29.0	0.006	209	0.04	2.57	0.0005
GU 0.01	Guaje @ SR 502	09/08/00	18:31			0.0745	0.01					0.301	0.01	12.1	0.006	47.8	0.04	1.51	0.0005
Pajarito Canyon Watershed																			
PA 10.4	Pajarito @ SR 501	9/8/200	16:50			0.0876	0.01					0.202	0.01	15.5	0.006	60.8	0.04	1.27	0.0005
PA 10.4	Pajarito @ SR 501	10/28/00																	
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15			0.0736	0.01					0.178	0.01	14.7	0.006	60.1	0.04	0.999	0.0005
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05			0.453	0.2					0.211	0.01	20.6	0.006	147	0.04	1.79	0.0005
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17			2.30	0.20					0.146	0.01	17.2	0.006	96.1	0.04	1.48	0.0005
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55			0.602	0.2					0.377	0.01	32.8	0.006	86.2	0.04	1.29	0.0005
PA 2.2	Pajarito @ SR 4	10/28/00	12:00			0.437	0.01					0.298	0.01	20.2	0.006	94.1	0.04	1.37	0.0005
Water Canyon Watershed																			
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30			0.666	0.02					0.245	0.02	12.8	0.010	52.3	0.08	1.30	0.001
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40			< 3	3					< 2	2	25	3.000	89	1		
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30			0.463	0.2					0.276	0.02	19.0	0.010	73.9	0.08	1.49	0.0005
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41			0.260	0.02					0.265	0.01	18.8	0.006	97.7	0.04	1.64	0.0005

Table 8. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Trace Metals 4

Sample ID	Sample Location	Date	Time	Sr (mg/Kg)	Sr DL	Ag (mg/Kg)	Ag DL	Sn (mg/Kg)	Sn D.L.	Ti (mg/Kg)	Ti D.L.	Tl (mg/Kg)	Tl DL	V (mg/Kg)	V DL	Zn (mg/Kg)	Zn DL	Uranium (MS) (mg/Kg)	Uranium (MS) DL
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10			1.17	0.01					0.279	0.01	16.4	0.006	71.3	0.04	2.07	0.0005
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40			0.454	0.2					0.290	0.01	22.4	0.006	63.9	0.04	1.02	0.0005
Sandia Canyon Watershed																			
SA 5.6	Mid Sandia Canyon @ SCS 2 (Near TA-53 entrance)	10/23/00	15:41			2.23	0.2					0.284	0.02	19.3	0.010	252	0.08	3.48	0.0005
Mortandad Canyon Watershed																			
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50			0.465	0.2					0.342	0.01	33.6	0.006	119	0.04	4.49	0.0005
CDB 1.9	Canada del Buey @ SR4	08/18/00	17:50			< 4	4					1.2	1	32	4.000	57	2		
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00			0.555	0.2					0.240	0.01	18.7	0.006	50.7	0.04	0.885	0.0005
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00				0.214	0.01					0.469	0.01	22.0	0.006	130	0.04	2.78	0.0005
Rio Grande - White Rock Canyon, Cochiti Reservoir																			
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30			< 0.200	0.2					0.197	0.01	21.7	0.006	60.1	0.04	1.64	0.0005
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30			0.232	0.2					0.198	0.01	24.7	0.006	57.2	0.04	3.47	0.0005
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00			0.0852	0.01					0.17	0.01	22.1	0.006	47.8	0.04	2.94	0.0005

Table 1 MED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results. General Chemistry-1

Sample				Ca		K		Na		Br		Cl		Fl (Soluble)		Total Phosphorus as P		PO4 (calc.)	
ID	Sample Location	Date	Time	(mg/Kg)	DL	(mg/Kg)	DL	(mg/Kg)	DL	mg/Kg	D.L.	mg/Kg	D.L.	mg/Kg	D.L.	(mg/Kg)	D.L.	(mg/Kg)	D.L.
Acid & Pueblo Canyons																			
AC 0.5	Acid Canyon above confluence with South Fork Acid Canyon	09/08/00		3230	2	1150	0.5	470	0.07										
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15	1220	2	454	0.5	78.7	0.07										
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	09/08/00		1850	2	1650	0.5	676	0.07										
SFAC 0.01	Composited Suspended Sediment from both samples	10/12/00 10/13/00	12:00, 15:00	5000	2	2060	0.5	205	0.07										
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30																
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30	5550	2	2810	0.5	207	0.07										
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00	7370	8	3410	2.0	453	0.3							859	2		
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50	5520	2	2640	0.5	246	0.07										
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00	8270	2	3610	0.5	256	0.07										
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08	3420	2	1760	0.5	216	0.07							344	0.5		
Los Alamos Canyon																			
LA Reservoir	Los Alamos Reservoir (Bottom Sediments)	08/31/00	10:45	10400	2	3130	0.5	237	0.07	<10	10	<5	5	0.1	0.1			0.42	0.01
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59	12200	7	2100	143	344	29							910.3	71.7		
LA 10.5	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	10/28/00	13:45	6450	2	3830	0.5	358	0.07							1140	0.5		
LA 5.0	Outlet of Los Alamos Canyon Sed. Retention Structure	09/12/00	10:33	6000	20	6960	5	2390	0.7										
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	10/28/00	10:05	7150	2	4460	0.5	427	0.07							1010	0.5		
GU 0.01	Guaje @ SR 502	09/08/00	18:31	5060	2	1820	0.5	159	0.07										
Pajarito Canyon Watershed																			
PA 10.4	Pajarito @ SR 501	9/8/200	16:50	6760	2	2130	0.5	130	0.07										
PA 10.4	Pajarito @ SR 501	10/28/00																	
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15	5570	2	1870	0.5	191	0.07							566	0.5		
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05	3930	2	2580	0.5	168	0.07							360	0.5		
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17	3470	2	2390	0.5	275	0.07							229	0.5		

Table . .MEU DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Resul.. General Chemistry-1

Sample ID	Sample Location	Date	Time	Ca (mg/Kg)	Ca DL	K (mg/Kg)	K DL	Na (mg/Kg)	Na DL	Br mg/Kg	Br D.L.	Cl mg/Kg	Cl D.L.	Fl (Soluble) mg/Kg	Fl (Soluble) D.L.	Total Phosphorus as P (mg/Kg)	Total Phosphorus as P D.L.	PO4 (calc.) (mg/Kg)	PO4 (calc.) D.L.
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55	6070	2	4950	0.5	147	0.07							427	0.5		
PA 2.2	Pajarito @ SR 4	10/28/00	12:00	7680	2	2980	0.5	166	0.07							1070	0.5		
Water Canyon Watershed																			
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30	3840	4	1470	1	197	0.1							377	1		
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40	13200	14	3180	274	624	55										
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30	6250	4	2890	1	218	0.1							456	0.5		
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41	6160	2	3300	0.5	157	0.07							579	0.5		
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10	4930	2	2450	0.5	215	0.07							533	0.5		
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40	4640	2	3700	0.5	130	0.07							307	0.5		
Sandia Canyon Watershed																			
SA 5.6	Mid Sandia Canyon @ SCS 2 (Near TA-53 entrance)	10/23/00	15:41	6140	4	2650	1	785	0.1							977	0.5		
Mortandad Canyon Watershed																			
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50	4690	2	3870	0.5	203	0.07							556	0.5		
CDB 1.9	Canada del Buey @ SR4	08/18/00	17:50	4360	21	3870	412	766	82									1162	
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00	4430	2	3210	0.5	114	0.07							263	0.5		
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00		3360	2	3710	0.5	1560	0.07							611	0.5		
Rio Grande - White Rock Canyon, Cochiti Reservoir																			
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30	15600	2	2980	0.5	257	0.07							557	0.5		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	30300	2	4540	0.5	260	0.07							434	0.5		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00	28200	2	4120	0.5	252	0.07							435	0.5		

Table 1 MED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results General Chemistry-2

Sample ID	Sample Location	Date	Time	TOC mg/kg	TOC D.L.	Sulfur, S mg/Kg	Sulfur, S D.L.	SO4 mg/Kg	SO4 D.L.	NH4 mg/Kg	NH4 D.L.	Nitrate / Nitrite-N mg/Kg	Nitrate / Nitrite-N D.L.	TKN mg/Kg	TKN D.L.	Cn mg/Kg	Cn D.L.	Percent Solids %	Percent Solids D.L.	pH
Acid & Pueblo Canyons																				
AC 0.5	Acid Canyon above confluence with South Fork Acid Canyon	09/08/00																		
AC 0.5	Acid Canyon above confluence with SFAC	10/12/00	12:15													< 0.25	0.25	99.6	1	
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	09/08/00																		
SFAC 0.01	Composited Suspended Sediment from both samples	10/12/00 10/13/00	12:00, 15:00													< 0.25	0.25	98.1	1	
SFAC 0.01	South Fork Acid Canyon above confluence with Acid Canyon	10/23/00	16:30																	
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	09/08/00	16:30			100	100									3.30	0.5			
PUN 0.01	North Tributary of Pueblo Canyon west of Diamond Drive	10/28/00	14:00													0.93	0.25			
PU 6.7	Pueblo Canyon @ confluence with Pueblo North (PUN)	09/08/00	16:50			<100	100									3.2	0.5			
PU 2.0	Pueblo Canyon above Bayo POTW	09/08/00	18:00			200	100									3.10	0.5			
PU 2.0	Pueblo Canyon above Bayo POTW	10/28/00	11:08													0.33	0.25			
Los Alamos Canyon																				
LA Reservoir	Los Alamos Reservoir (Bottom Sediments)	08/31/00	10:45	3080	200			800	100	<0.5	0.5	2.5	0.1	2100	1000	0.40	0.3			7.11
LA 11.0	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	07/18/00	18:40 - 18:59													1.16	1.07	46.2	0.200	
LA 10.5	Los Alamos Canyon @ Ice Skate Rink Gage (E025 Station)	10/28/00	13:45																	
LA 5.0	Outlet of Los Alamos Canyon Sed. Retention Structure	09/12/00	10:33																	
LA 5.0	Los Alamos Canyon below Sediment Retention Basin	10/28/00	10:05																	
GU 0.01	Guaje @ SR 502	09/08/00	18:31																	
Pajarito Canyon Watershed																				
PA 10.4	Pajarito @ SR 501	9/8/200	16:50																	
PA 10.4	Pajarito @ SR 501	10/28/00														< 0.25	0.25			
TM 3.1	Two Mile Canyon @ SR 501	10/28/00	13:15																	
PA 4.8	Pajarito Canyon below TA 18	10/23/00	15:05													< 0.43	0.434	71.2	0.1	
AREA G TRIB	TA - 54 Area G Tributary (below NPDES Station G-3)	10/23/00	15:17													< 0.30	0.302	81.3	0.1	

Table 1 .MEU DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Resul.. General Chemistry-2

Sample				TOC		Sulfur, S		SO4		NH4		Nitrate / Nitrite-N		TKN			Cn		Percent Solids			pH
ID	Sample Location	Date	Time	mg/kg	D.L.	mg/Kg	D.L.	mg/Kg	D.L.	mg/Kg	D.L.	mg/Kg	D.L.	mg/Kg	D.L.		mg/Kg	D.L.	%	D.L.		
UN 0.01	Unnamed Tributary @ PA 2.2	10/23/00	14:55													<	0.33	0.334	80.6	0.1		
PA 2.2	Pajarito @ SR 4	10/28/00	12:00														0.39	0.25				
Water Canyon Watershed																						
WA 9.9	Water Canyon @ SR 501	10/28/00	12:30																			
WA 2.9	Water Canyon @ SR 4	08/14/00	13:40														3.92	2.99				
WA 2.9	Water Canyon @ SR 4	10/23/00	14:30														0.35	0.285	98.6	0.1		
WA 2.9 ISCO	Water Canyon @ SR 4 (ISCO sample)	10/24/00	14:41 - 15:41														0.51	0.301	85.6	0.1		
WA 2.9	Water Canyon @ SR 4	10/28/00	12:10																			
PO 1.8	Potrillo Canyon @ SR 4	10/23/00	14:40													<	0.30	0.295	88.2	0.1		
Sandia Canyon Watershed																						
SA 5.6	Mid Sandia Canyon @ SCS 2 (Near TA-53 entrance)	10/23/00	15:41																			
Mortandad Canyon Watershed																						
CDB 5.4	Canada del Buey below TA-46	10/23/00	14:50														0.39	0.253	98.9	0.1		
CDB 1.9	Canada del Buey @ SR4	08/18/00	17:50																			
CDB 1.9	Canada del Buey @ SR 4	10/23/00	18:00													<	0.25	0.245	96.1	0.1		
MO 7.2	Mid Mortandad Canyon below TW-8	10/23/00														<	0.29	0.294	85.0	0.1		
Rio Grande - White Rock Canyon, Cochiti Reservoir																						
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	1:30														0.37	0.296	87.1	0.1		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/24/00	5:30	16000	200											<	0.28	0.279	85.2	0.1		
Rio Grande @ WR Gage	Rio Gande White Rock Gage (08313268)	10/28/00	13:00													<	0.25	0.25				

Table 11. NMED DOE Oversight Bureaau 2000 Storm Water Suspended Sediment Analytical Results: Chlorinated Pesticides/Aroclors-1

Date	7/18/2000		8/18/2000		8/31/2000			10/24/2000	
Time	16:58		17:50		12:00			1:30	
Sample Location	Los Alamos Canyon Skate Rink Gage		Canada Del Buey @ SR4		Los Alamos Reservoir (Surficial Bottom Sediments)			White Rock Canyon Gage (8313268) Bed Load Sediment	
Sample ID	LA 11.0		CDB 1.9		LA Reservoir			WR Gage	
COMPOUND	CONCENTRATION mg/kg	D L	CONCENTRATION mg/kg	D L	CONCENTRATION ng/g	DL	Qual	CONCENTRATION ng/g	DL
Chlorinated Pesticides									
Hexachlorobenzene					0.273	0.105		0.0732	0.0544
alpha HCH					U	0.214		U	0.0891
beta HCH					U	0.268		U	0.115
gamma HCH					U	0.346		U	0.133
Heptachlor					U	0.367		U	0.504
Aldrin					U	0.284		U	0.103
Oxychlordane					U	0.42		U	0.221
trans-Chlordane					U	0.127		U	0.0602
cis-Chlordane					U	0.12		U	0.0537
o,p'-DDE					0.364	0.292		U	0.0646
p,p'-DDE					12.4	0.238		0.449	0.0506
trans-Nonachlor					0.0827	0.075		U	0.0509
cis-Nonachlor					U	0.054		U	0.0333
o,p'-DDD					0.817	0.184		U	0.0253
p,p'-DDD					2.11	0.201	R	U	0.0254
o,p'-DDT					0.476	0.136		U	0.0885
p,p'-DDT					10.6	0.155		0.354	0.0972
Mirex					U	0.229		U	0.0182
delta HCH					0.32	0.18			
Deptachlor Epoxide					U	0.13			
Endosulfan I	U	0.30	U	0.03	0.27	0.17			
Dieldrin	U	0.20	U	0.02	U	0.36			
Endrin	U	0.50	U	0.05	U	0.76			
Endosulfan II	U	0.30	U	0.03	U	0.64			
Endosulfan sulfate	U	0.30	U	0.03	U	0.82			
Methoxychlor	U	0.30	U	0.03	U	1.6			
Aldrin	U	0.20	U	0.02					
alpha-BHC	U	0.20	U	0.02					
beta-BHC	U	0.20	U	0.02					
delta-BHC	U	0.20	U	0.02					
gamma-BHC (Lindane)	U	0.20	U	0.02					
Chlordane (Total)	U	1.0	U	0.1					
4,4'-DDD	U	0.20	U	0.02					
4,4'-DDE	U	0.30	U	0.03					
4,4'-DDT	U	0.30	U	0.03					
Endrin aldehyde	U	0.50	U	0.05					
Endrin Keton	U	0.20	U	0.02					
Heptachlor	U	0.30	U	0.03					
Heptachlor epoxide	U	0.30	U	0.03					
Toxaphene	U	1.0	U	0.10					
Polychlorinated Biphenols (PCB aroclors)									
Aroclor 1016	U	0.10	U	0.10					
Aroclor 1221	U	0.10	U	0.10					
Aroclor 1232	U	0.10	U	0.10					
Aroclor 1242	U	0.10	U	0.10					
Aroclor 1248	U	0.10	U	0.10					
Aroclor 1254	U	0.10	U	0.10					
Aroclor 1260	U	0.10	U	0.10					

* - Modified Method 8330
DL - Detection limit (ug/L)
R - Peak detected but did not meet quantification criteria
U - Not detected
E - exceeds callibrated linear range, see dilution data;
D - dilution data
X - exceeds callibrated linear range, see dilution data;

Table 11. NMED DOE Oversight Bureaau 2000 Storm Water Suspended Sediment Analytical Results: Chlorinated Pesticides/Aroclors-1

Date	10/24/2000		10/24/2000		10/28/2000		9/8/2000	
Time	5:30		5:30		13:00		21:45	
Sample Location	White Rock Canyon Gage (8313268) Bed Load Sediment		White Rock Canyon Gage (8313268) Bed Load Sediment		White Rock Canyon Gage (8313268) Bed Load Sediment		White Rock Canyon Gage (8313268) Bed Load Sediment	
Sample ID	WR Gage		WR Gage		WR Gage		WR Gage	
COMPOUND	CONCENTRATION ng/g	DL	CONCENTRATION ng/g	DL	CONCENTRATION ng/g	DL	CONCENTRATION ng/g	DL
Chlorinated Pesticides								
Hexachlorobenzene	U	0.0698	0.0736	0.0661	U	0.107	0.0792	0.0654
alpha HCH	U	0.0562	U	0.107	U	0.151	U	0.0411
beta HCH	U	0.0723	U	0.137	U	0.194	U	0.0515
gamma HCH	U	0.0838	U	0.159	U	0.225	U	0.0665
Heptachlor	U	0.398	U	0.462	U	0.668	U	0.263
Aldrin	U	0.0601	U	0.0983	U	0.0836	U	0.0853
Oxychlordane	U	0.184	U	0.182	U	0.216	U	0.274
trans-Chlordane	U	0.0634	U	0.0962	U	0.13	U	0.054
cis-Chlordane	U	0.0566	U	0.0858	U	0.116	U	0.0509
o,p'-DDE	U	0.056	U	0.0502	U	0.118	U	0.101
p,p'-DDE	0.261	0.0439	0.232	0.0394	0.117	0.0927	1.43	0.0823
trans-Nonachlor	U	0.028	U	0.0641	U	0.112	U	0.0663
cis-Nonachlor	U	0.0183	U	0.0419	U	0.0733	U	0.048
o,p'-DDD	U	0.0205	U	0.0413	U	0.0566	U	0.0499
p,p'-DDD	U	0.0205	U	0.0414	U	0.0567	0.0568	0.0544
o,p'-DDT	U	0.0627	U	0.0785	U	0.103	U	0.0486
p,p'-DDT	0.175	0.0689	0.598	0.0862	U	0.113	0.777	0.0544
Mirex	U	0.0189	U	0.031	U	0.0395	U	0.0485
delta HCH			U	0.09	U	0.15	U	0.08
Deptachlor Epoxide			U	0.05	U	0.08	U	0.06
Endosulfan I			U	0.05	U	0.07	U	0.08
Dieldrin			U	0.05	U	0.16	U	0.15
Endrin			U	0.2	U	0.28	U	0.32
Endosulfan II			U	0.16	U	0.17	U	0.29
Endosulfan sulfate			U	0.19	U	0.1	U	0.37
Methoxychlor			U	0.36	U	0.19	U	0.68
Aldrin								
alpha-BHC								
beta-BHC								
delta-BHC								
gamma-BHC (Lindane)								
Chlordane (Total)								
4,4'-DDD								
4,4'-DDE								
4,4'-DDT								
Endrin aldehyde								
Endrin Keton								
Heptachlor								
Heptachlor epoxide								
Toxaphene								
Polychlorinated Biphenol								
Aroclor 1016								
Aroclor 1221								
Aroclor 1232								
Aroclor 1242								
Aroclor 1248								
Aroclor 1254								
Aroclor 1260								

* - Modified Method 8330
DL - Detection limit (ug/L)
R - Peak detected but did not meet quantification criteria
U - Not detected
E - exceeds callibrated linear range, see dilution data;
D - dilution data
X - exceeds callibrated linear range, see dilution data;

Table 11. NMED DOE Oversight Bureaau 2000 Storm Water Suspended Sediment Analytical Results: Chlorinated Pesticides/Aroclors-1

Date	9/8/2000			9/8/2000			9/8/2000		
Time	16:50			16:30			18:00		
Sample Location	Pueblo Canyon upstream from jct. With Pueblo North Tributary (Post-storm, deposited sediments)			Pueblo North Tributary upstream from jct. With Pueblo Canyon (Post-storm, deposited sediments)			Pueblo Canyon near Bayo Sewage Treatment Facility (Post-storm, deposited sediments)		
Sample ID	PU 6.7			PUN 0.01			PU 2.0		
COMPOUND	CONCENTRATION ng/g	DL	Qual	CONCENTRATION ng/g	DL	Qual	CONCENTRATION ng/g	DL	Qual
Chlorinated Pesticides									
Hexachlorobenzene	0.172	0.0438		0.151	0.075		0.273	0.0607	
alpha HCH	0.164	0.123		U	0.103		U	0.131	
beta HCH	U	0.158		U	0.13		U	0.168	
gamma HCH	U	0.183		U	0.167		U	0.195	
Heptachlor	U	0.525		U	0.298		U	0.596	
Aldrin	U	0.135		U	0.139		U	0.264	
Oxychlordane	1.79	0.606		U	0.514		1.79	1.28	
trans-Chlordane	0.155	0.0658		U	0.098		0.942	0.0771	
cis-Chlordane	0.147	0.0587		0.107	0.092		0.729	0.0688	
o,p'-DDE	0.779	0.136		1.32	0.21		2.59	0.47	X, D
p,p'-DDE	15.8	0.226	E, D	30.4	0.19	E, D	50.9	0.419	E, D
trans-Nonachlor	0.183	0.0702		0.119	0.065		0.638	0.0714	
cis-Nonachlor	0.0533	0.0459		0.0509	0.047		0.25	0.0467	
o,p'-DDD	0.331	0.118		0.517	0.165		1.33	0.0366	
p,p'-DDD	0.477	0.118		1.13	0.18		2.73	0.0366	
o,p'-DDT	1.35	0.119		2.06	0.073		3.74	0.168	
p,p'-DDT	11.3	0.386	E, D	16.5	0.197	E, D	27.8	0.665	E, D
Mirex	U	0.0384		U	0.164		0.0648	0.0371	R
delta HCH	U	0.35		0.29	0.13		U	0.17	
Deptachlor Epoxide	U	0.46		U	0.1		U	0.14	
Endosulfan I	U	0.28		U	0.12		U	0.07	
Dieldrin	U	0.22		U	0.28		0.54	0.09	
Endrin	U	0.50		U	0.6		U	0.20	
Endosulfan II	U	0.37		2.2	0.48		U	0.10	
Endosulfan sulfate	U	0.45		U	0.61		U	0.12	
Methoxychlor	U	1.00		U	1.3		U	0.40	
Aldrin									
alpha-BHC									
beta-BHC									
delta-BHC									
gamma-BHC (Lindane)									
Chlordane (Total)									
4,4'-DDD									
4,4'-DDE									
4,4'-DDT									
Endrin aldehyde									
Endrin Keton									
Heptachlor									
Heptachlor epoxide									
Toxaphene									
Polychlorinated Biphenol									
Aroclor 1016									
Aroclor 1221									
Aroclor 1232									
Aroclor 1242									
Aroclor 1248									
Aroclor 1254									
Aroclor 1260									

* - Modified Method 8330
DL - Detection limit (ug/L)
R - Peak detected but did not meet quantification criteria
U - Not detected
E - exceeds callibrated linear range, see dilution data;
D - dilution data
X - exceeds callibrated linear range, see dilution data;

Table 12. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Dioxin-Furan-1

Sample ID		PUN 0.01				
Location Description		N. Tributary of Pueblo Canyon west of Diamond Dr.				
Date/Time		9/8/2000	16:30			
		Concentration	TEQ Min.		TEQ Max.	Data Quality
		pg/g (ppt)	Calculation	D.L.	Calculation	Flags
Congener	WHO-TEF					
PCDDs						
2,3,7,8-TCDD	1	ND		0.1	0.05	NDR
1,2,3,7,8-PeCDD	1	ND		0.43	0.215	ND
1,2,3,4,7,8-HxCDD	0.1	ND		0.36	0.018	ND
1,2,3,6,7,8-HxCDD	0.1	0.83	0.083	0.37		
1,2,3,7,8,9-HxCDD	0.1	0.43	0.043	0.37		
1,2,3,4,6,7,8-HpCDD	0.01	11	0.11	1.6		
OCDD	0.0001	43	0.0043	6.6		
PCDFs						
2,3,7,8-TCDF	0.1	16	1.6	0.36		
1,2,3,7,8-PeCDF	0.05	ND		0.51	0.01275	ND
2,3,4,7,8-PeCDF	0.5	ND		0.38	0.095	NDR
1,2,3,4,7,8-HxCDF	0.1	ND		0.42	0.021	ND
1,2,3,6,7,8-HxCDF	0.1	ND		0.57	0.0285	ND
1,2,3,7,8,9-HxCDF	0.1	ND		0.65	0.0325	ND
2,3,4,6,7,8-HxCDF	0.1	ND		1.3	0.065	ND
1,2,3,4,6,7,8-HpCDF	0.01	1.9	0.019	0.65		
1,2,3,4,7,8,9-HpCDF	0.01	ND		1.7	0.0085	ND
OCDF	0.0001	10	0.001	3.8		
TEQ Dioxin/Furan Minimum pg/L (ppq)			1.8603			
TEQ Dioxin/Furan Maximum pg/L (ppq)			2.40655			
Totals		Concentration	Number of Peaks	DL		
Total TCDD		2.5	2	0.1		
Total PeCDD		ND	0	0.43		
Total HxCDD		5.9	2	0.37		
Total HpCDD		24	1	1.6		
Total TCDF		9.3	7	0.36		
Total PeCDF		ND	0	0.45		
Total HxCDF		2.0	2	0.74		
Total HpCDF		2.5	1	1.2		
		ND- Not Detected				
		NDR- Not Detected due to incorrect isotope ratio				

Table 12. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Dioxin-Furan-1

Sample ID		PU 6.7				
Location Description		Pueblo Canyon upstream from junction w/ Pueblo Canyon				
Date/Time		9/8/2000	16:50			
		Concentration	TEQ Min.		TEQ Max.	Data Quality
		pg/g (ppt)	Calculation	D.L.	Calculation	Flags
Congener	WHO-TEF					
PCDDs						
2,3,7,8-TCDD	1	ND		0.28	0.14	ND
1,2,3,7,8-PeCDD	1	ND		0.3	0.15	ND
1,2,3,4,7,8-HxCDD	0.1	ND		0.32	0.016	ND
1,2,3,6,7,8-HxCDD	0.1	0.72	0.072	0.26		
1,2,3,7,8,9-HxCDD	0.1	0.31	0.031	0.29		
1,2,3,4,6,7,8-HpCDD	0.01	9.1	0.091	0.52		
OCDD	0.0001	49	0.0049	0.68		
PCDFs						
2,3,7,8-TCDF	0.1	0.93	0.093	0.28		
1,2,3,7,8-PeCDF	0.05	ND		0.34	0.0085	ND
2,3,4,7,8-PeCDF	0.5	ND		0.28	0.07	ND
1,2,3,4,7,8-HxCDF	0.1	ND		0.27	0.0135	NDR
1,2,3,6,7,8-HxCDF	0.1	ND		0.34	0.017	ND
1,2,3,7,8,9-HxCDF	0.1	ND		0.35	0.0175	ND
2,3,4,6,7,8-HxCDF	0.1	ND		0.59	0.0295	ND
1,2,3,4,6,7,8-HpCDF	0.01	1.2	0.012	0.39		
1,2,3,4,7,8,9-HpCDF	0.01	ND		0.69	0.00345	ND
OCDF	0.0001	2.9	0.00029	0.56		
TEQ Dioxin/Furan Minimum pg/L (ppq)			0.30419			
TEQ Dioxin/Furan Maximum pg/L (ppq)			0.76964			
Totals		Concentration	Number of Peaks	DL		
Total TCDD		0.69	1	0.28		
Total PeCDD		ND	0	0.3		
Total HxCDD		4.8	2	0.29		
Total HpCDD		8.3	1	0.52		
Total TCDF		0.45	1	0.28		
Total PeCDF		0.39	1	0.31		
Total HxCDF		1.2	2	0.39		
Total HpCDF		1.5	1	0.54		
		ND- Not Detected				
		NDR- Not Detected due to incorrect isotope ratio				

Table 12. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Dioxin-Furan-1

Sample ID		PU 2.0				
Location Description		Pueblo Canyon near Bayo Sewage Treatment Plant				
Date/Time		9/8/2000	18:00			
		Concentration	TEQ Min.		TEQ Max.	Data Quality
		pg/g (ppt)	Calculation	D.L.	Calculation	Flags
Congener	WHO-TEF					
PCDDs						
2,3,7,8-TCDD	1	ND		0.27	0.135	ND
1,2,3,7,8-PeCDD	1	ND		0.29	0.145	ND
1,2,3,4,7,8-HxCDD	0.1	0.42	0.042	0.33		
1,2,3,6,7,8-HxCDD	0.1	1.4	0.14	0.28		
1,2,3,7,8,9-HxCDD	0.1	0.88	0.088	0.31		
1,2,3,4,6,7,8-HpCDD	0.01	20	0.2	0.49		
OCDD	0.0001	140	0.014	0.81		
PCDFs						
2,3,7,8-TCDF	0.1	0.85	0.085	0.27		
1,2,3,7,8-PeCDF	0.05	ND		0.53	0.013	ND
2,3,4,7,8-PeCDF	0.5	0.9	0.45	0.4		
1,2,3,4,7,8-HxCDF	0.1	0.71	0.071	0.39		
1,2,3,6,7,8-HxCDF	0.1	ND		0.51	0.026	ND
1,2,3,7,8,9-HxCDF	0.1	ND		0.27	0.014	ND
2,3,4,6,7,8-HxCDF	0.1	ND		0.45	0.023	ND
1,2,3,4,6,7,8-HpCDF	0.01	4.9	0.049	0.37		
1,2,3,4,7,8,9-HpCDF	0.01	ND		0.76	0.004	ND
OCDF	0.0001	5.6	0.00056	0.54		
TEQ Dioxin/Furan Minimum pg/L (ppq)			1.13956			
TEQ Dioxin/Furan Maximum pg/L (ppq)			1.49811			
Totals		Concentration	Number of Peaks	DL		
Total TCDD		2.6	2	0.27		
Total PeCDD		ND	0	0.29		
Total HxCDD		10	4	0.31		
Total HpCDD		35	1	0.49		
Total TCDF		1.4	3	0.27		
Total PeCDF		3.9	5	0.46		
Total HxCDF		6.4	3	0.4		
Total HpCDF		5.5	1	0.57		
		ND- Not Detected				
		NDR- Not Detected due to incorrect isotope ratio				

Table 12. NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Dioxin-Furan-1

Sample ID		**LA Reservoir**				
Location Description		**Bottom Sediments from Los Alamos Reservoir**				
Date/Time		**8/31/2000**	**10:45**			
		Concentration	**TEQ Min.**		**TEQ Max.**	**Data Quality**
		pg/g (ppt)	**Calculation**	**D.L.**	**Calculation**	**Flags**
Congener	**WHO-TEF**					
PCDDs						
2,3,7,8-TCDD	1	ND		0.11	0.055	ND
1,2,3,7,8-PeCDD	1	ND		0.16	0.08	ND
1,2,3,4,7,8-HxCDD	0.1	ND		0.38	0.019	ND
1,2,3,6,7,8-HxCDD	0.1	ND		0.41	0.0205	ND
1,2,3,7,8,9-HxCDD	0.1	ND		0.4	0.02	ND
1,2,3,4,6,7,8-HpCDD	0.01	3.5	0.035	0.51		
OCDD	0.0001	20	0.02	2		
PCDFs						
2,3,7,8-TCDF	0.1	0.37	0.037	0.14		
1,2,3,7,8-PeCDF	0.05	0.3	0.015	0.22		
2,3,4,7,8-PeCDF	0.5	0.21	0.105	0.2		
1,2,3,4,7,8-HxCDF	0.1	1.1	0.11	0.19		
1,2,3,6,7,8-HxCDF	0.1	0.49	0.049	0.19		
1,2,3,7,8,9-HxCDF	0.1	ND		0.6	0.03	ND
2,3,4,6,7,8-HxCDF	0.1	ND		0.23	0.0115	ND
1,2,3,4,6,7,8-HpCDF	0.01	4.4	0.044	0.4		
1,2,3,4,7,8,9-HpCDF	0.01	ND		0.57	0.00285	ND
OCDF	0.0001	2.8	0.0028	1.2		
TEQ Dioxin/Furan Minimum pg/L (ppq)			0.4178			
TEQ Dioxin/Furan Maximum pg/L (ppq)			0.65665			
Totals		Concentration	Number of Peaks	DL		
Total TCDD		0.68	2	0.11		
Total PeCDD		ND	0	0.16		
Total HxCDD		1.3	2	0.4		
Total HpCDD		1.8	1	0.51		
Total TCDF		0.52	2	0.14		
Total PeCDF		0.45	1	0.21		
Total HxCDF		0.8	1	0.3		
Total HpCDF		ND	0	0.49		
		ND- Not Detected				
		NDR- Not Detected due to incorrect isotope ratio				

Table 13 NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: Organophosphorus Pesticides-1

Date	7/18/2000		8/18/2000	
Time	16:58		17:50	
Sample Location	Los Alamos Canyon Skate Rink Gage		Canada Del Buey @ SR4	
Sample ID	LA 11.0		CDB 1.9	
	CONCENTRATION	D L	CONCENTRATION	D L
COMPOUND	mg/kg		mg/kg	
Organophospate Pesticides			analysis exceeded hold time	
Aspon	U	0.10	U	0.1
Bolstar	U	0.10	U	0.1
Carbophenothion	U	0.10	U	0.1
Chlorfenvinphos	U	0.10	U	0.1
Chlorpyrifos	U	0.10	U	0.1
Coumaphos	U	0.10	U	0.1
Crotoxyphos	U	0.10	U	0.1
Demeton (s&o)	U	0.10	U	0.1
Diazinon	U	0.10	U	0.1
Dichlofenthion	U	0.10	U	0.1
Dichlorvos	U	0.10	U	0.1
Dicrotophos	U	0.10	U	0.1
Dimethoate	U	0.10	U	0.1
Dioxathion	U	0.10	U	0.1
Disulfoton	U	0.10	U	0.1
EPN	U	0.10	U	0.1
Ethion	U	0.10	U	0.1
Ehtoprop	U	0.10	U	0.1
Ethyl Azinphos	U	0.10	U	0.1
Famphur	U	0.10	U	0.1
Fenitrothion	U	0.10	U	0.1
Fensulfothion	U	0.10	U	0.1
Fenthion	U	0.10	U	0.1
Fonophos	U	0.10	U	0.1
Leptophos	U	0.10	U	0.1
Malathion	U	0.10	U	0.1
Methyl azinphos (Guthion)	U	0.10	U	0.1
Merphos	U	0.10	U	0.1
Methyl chlorpyrifos	U	0.10	U	0.1
Methyl parathion	U	0.10	U	0.1
Mevinphos	U	0.10	U	0.1
Monocrotophos	U	0.10	U	0.1
Naled	U	0.10	U	0.1
Parathion (Ethyl)	U	0.10	U	0.1
Phorate	U	0.10	U	0.1
Phosmet	U	0.10	U	0.1
Phosphamidon	U	0.10	U	0.1
Ronnel	U	0.10	U	0.1
Stirophos	U	0.10	U	0.1
Sulfotepp	U	0.10	U	0.1
TEPP	U	0.10	U	0.1
Terbufos	U	0.10	U	0.1
Thionazin	U	0.10	U	0.1
Tokuthion	U	0.10	U	0.1
Trichlorofon	U	0.10	U	0.1
Trichloronate	U	0.10	U	0.1

U - Not detected

Table 14 NMED DOE Oversight Bureau 2000 Storm Water Suspended Sediment Analytical Results: PAH-1

Date	7/18/2000		8/18/2000	
Time	16:58		17:50	
Sample Location	Los Alamos Canyon Skate Rink Gage		Canada Del Buey @ SR4	
Sample ID	LA 11.0		CDB 1.9	
	CONCENTRATION	Reporting Limits	CONCENTRATION	Reporting Limits
COMPOUND	mg/kg		mg/kg	
Polyaromatic Hydrocarbons			Reporting Limits increased due to small sample size	
Acenaphthene	U	0.50	U	1.0
Acenaphthylene	U	0.50	U	1.0
Anthracene	U	0.50	U	1.0
Benzo(a)anthracene	U	0.50	U	1.0
Benzo(a)pyrene	U	1.0	U	2.0
Benzo(b)fluoranthene	U	0.50	U	1.0
Benzo(ghi)Perylene	U	1.2	U	2.4
Benzo(k)fluoranthene	U	0.50	U	1.0
Dibenzo(a,h)anthracene	U	1.2	U	2.4
Fluoranthene	U	0.50	U	1.0
Fluorene	U	0.75	U	1.5
Indeno(1,2,3-cd)pyrene	U	1.2	U	2.4
Naphthalene	U	0.50	U	1.0
Phenanthrene	U	0.50	U	1.0
Pyrene	U	0.75	U	1.5
Chrysene	U	0.50	U	1.0

U - Not detected

Tbl 15 ...ED DOE Oversight Bureau 2000 Storm Water Suspended Sediment ..alytical Results: High Explosives-1

Date	7/18/2000		8/18/2000		8/14/2000		8/31/2000	
Time	16:58		17:50				10:45	
Sample Location	Los Alamos Canyon Skate Rink Gage		Canada Del Buey @ SR4		Water Canyon @ SR 4		Los Alamos Reservoir (Bottom Sediments)	
Sample ID	LA 11.0		CDB 1.9		Wa 2.9		LA Reservoir	
	CONCENTRATION	Reporting Limits	CONCENTRATION	Reporting Limits	CONCENTRATION	Reporting Limits	CONCENTRATION	Reporting Limits
COMPOUND			Reporting Limits increased due to small sample size		Reporting Limits increased due to small sample size			
Explosives	mg/kg		mg/kg		mg/kg		ug/g	ug/g
NITROGLYCERIN	NA		NA		NA		NA	
PETN	NA		NA		NA		NA	
2-AMINO-4,6-DNT	U	0.040	U	0.100	U	0.240	U	50
4-AMINO-2,6-DNT	U	0.025	U	0.063	U	0.150	U	50
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HMX)	U	0.025	U	0.063	U	0.150	U	100
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	U	0.025	U	0.063	U	0.150	U	100
1,3,5-TRINITROBENZENE (1,3,5-TNB)	U	0.040	U	0.100	U	0.240	U	50
1,3-DINITROBENZENE (1,3-DNB)	U	0.050	U	0.125	U	0.300	U	50
TETRYL	U	0.050	U	0.125	U	0.300	U	100
NITROBENZENE (NB)	U	0.050	U	0.125	U	0.300	U	50
2,4,6-TRINITROTOLUENE (2,4,6-TNT)	U	0.040	U	0.100	U	0.240	U	50
2,4-DINITROTOLUENE(2,4-DNT)	U	0.050	U	0.125	U	0.300	U	50
2,6-DINITROTOLUENE(2,6-DNT)	U	0.050	U	0.125	U	0.300	U	50
2-NITROTOLUENE (2-NT)	U	0.040	U	0.100	U	0.240	U	100
p-NITROTOLUENE (4-NT)	U	0.075	U	0.188	U	0.450	U	100
m-NITROTOLUENE (3-NT)	U	0.050	U	0.125	U	0.300	U	100

* - Modified Method 8330

NA - Not analyzed or not available

U - Not detected

Table 1 MED DOE Oversight Bureau 2000 Storm Water Analytical Results: Chlorinated Herbicides-1

Date	7/18/2000		9/8/200		9/8/200		9/8/200	
Time	16:58		16:30		16:50		18:00	
Sample Location	Los Alamos Canyon Skate Rink Gage		North Tributary of Pueblo Canyon west of Diamond Drive		Pueblo Canyon @ confluence with Pueblo North (PUN)		Pueblo Canyon above Bayo POTW	
Sample ID	LA 11.0		PU 0.01		PU 6.7		PU 2.0	
COMPOUND	CONCENTRATION mg/kg	D L	CONCENTRATION mg/kg	D L	CONCENTRATION mg/kg	D L	CONCENTRATION mg/kg	D.L.
Chlorinated Herbicides								
Dalapon	U	0.20	<0.20	0.16	<0.20	0.16	<0.20	0.21
2,4-DB	U	0.04	<0.20	0.20	<0.20	0.19	<0.30	0.25
Dicamba	U	0.04	<0.07	0.069	<0.070	0.066	<0.090	0.087
2,4-Dichlorophenoxyacetic acid (2,4-D)	U	0.04	<0.10	0.13	<0.10	0.13	<0.20	0.17
Dichloroprop	U	0.04	<0.10	0.095	<0.090	0.092	<0.10	0.12
Dinoseb	U	0.04	<0.050	0.052	<0.050	0.051	<0.070	0.067
MCPA	U	2.0	<20.0	15.0	<20.0	15.0	<20.0	19.0
MCPP	U	2.0	<10.0	13.0	<10.0	13.0	<20.0	17.0
Silvex	U	0.04						
2,4,5-T	U	0.04	<0.20	0.16	<0.20	0.16	<0.20	0.21
4-Nitrophenol			<0.3	0.3	<0.30	0.29	<0.40	0.38
Pentachlorophenol			<0.08	0.077	<0.08	0.075	<0.10	0.098
2,4,5-TP			<0.1	0.1	<0.1	0.1	<0.10	0.13

U - Not detected

2001 STORMWATER

1 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Br (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	TOTAL ALK (mg/L)	SO4 (mg/L)	COMMENTS
Los Alamos Watershed																
Los Alamos Canyon																
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	25.00	9.10	11.00	14.00	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	DUP	7/2/2001 20:23:00	24.50	11.90	12.70	13.30	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	11.00	1.80	3.90	8.70	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 20:27:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 20:30:00	NA	NA	NA	NA	0.20	9.90	0.27	10.00	37.00	NA	4.70	
LA-5.0	PARA	UF	CS	7/2/2001 20:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 21:22:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 21:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 22:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 23:22:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 23:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/3/2001 0:22:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/3/2001 0:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/3/2001 1:22:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	25.00	5.40	4.80	12.00	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	30.00	8.00	7.50	13.00	NA	NA	NA	10.00	110.00	NA	NA	
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	30.50	8.09	7.54	13.30	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:44:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 1 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Br (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	TOTAL ALK (mg/L)	SO4 (mg/L)	COMMENTS
Los Alamos Watershed																
Los Alamos Canyon																
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	11.00	2.50	3.90	7.00	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	34.00	13.00	12.00	9.30	0.20	7.10	0.10	10.00	51.00	NA	3.50	
[illegible]	PARA	UF	DUP	8/16/2001 21:10:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	STD	UF	CS	8/16/2001 21:10:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:16:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	11.00	1.80	3.20	6.00	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	30.00	12.00	12.00	8.90	NA	NA	NA	10.00	53.00	NA	NA	
Pueblo Canyon																
PU-0.3	PARA	UF	CS	7/26/2001 20:15:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible]	PARA	F	CS	8/11/2001 14:58:00	42.00	6.70	9.20	16.00	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	UF	CS	8/11/2001 14:58:00	98.00	44.00	43.00	25.00	NA	NA	NA	10.00	160.00	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 15:28:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	37.00	5.60	7.10	12.00	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	39.00	6.40	7.90	13.00	0.20	6.60	0.21	10.00	98.00	NA	23.00	
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	35.00	5.10	7.10	12.00	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	60.00	24.00	24.00	15.00	NA	NA	NA	10.00	94.00	NA	NA	
[illegible]	PARA	F	CS	8/16/2001 20:37:00	37.00	6.00	8.90	22.00	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	UF	CS	8/16/2001 20:37:00	46.00	7.50	8.50	21.00	0.20	25.00	0.29	10.00	250.00	NA	24.00	

Table 1 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Br (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	TOTAL ALK (mg/L)	SO4 (mg/L)	COMMENTS
Los Alamos Watershed																
Pueblo Canyon																
PU-0.3	STD	UF	CS	8/16/2001 20:37:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	F	CS	8/16/2001 21:37:00	31.00	4.30	6.00	15.00	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	230.00	37.00	30.00	22.00	NA	NA	NA	10.00	190.00	NA	NA	
Mortandad Watershed																
Canada del Buey																
46-1A	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	ENVIRO	UF	CS	7/10/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 1 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Br (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	TOTAL ALK (mg/L)	SO4 (mg/L)	COMMENTS
Mortandad Watershed																
Pueblo del Buey																
2A	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/16/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2B1 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2B3	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 1 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Br (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	TOTAL ALK (mg/L)	SO4 (mg/L)	COMMENTS
[illegible] Watershed																
[illegible] el Buey																
[illegible]-2B3	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible] ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]-2C	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2D	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]-C2 ALT.1	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C3 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 1 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 1

TATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Br (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	TOTAL ALK (mg/L)	SO4 (mg/L)	COMMENTS
ad Watershed																
Canada del Buey																
46-C4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pajarito Watershed																
Pajarito Canyon																
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	46.00	6.40	9.40	1.10	NA	NA	NA	NA	NA	NA	NA	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	56.00	11.00	16.00	2.30	0.20	2.50	0.10	10.00	100.00	NA	4.90	
10.4	PARA	UF	DUP	8/5/2001 17:00:00	NA	NA	NA	NA	NA	NA	NA	10.00	99.10	NA	NA	
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	24.00	3.80	6.00	5.00	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	35.00	7.90	9.30	5.60	0.20	4.20	0.12	10.00	60.00	NA	4.80	
PA-4.54	STD	UF	CS	8/5/2001 18:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	16.00	2.20	4.00	4.90	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	37.00	14.00	15.00	7.00	0.20	5.90	0.12	10.00	54.00	NA	4.40	
Water Canyon Watershed																
Canyon																
-2.9	PARA	F	CS	7/22/2001 18:25:00	42.00	8.70	7.80	3.90	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	100.00	38.00	36.00	8.00	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	40.00	8.40	8.00	4.00	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	41.00	8.80	8.20	4.10	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:44:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C

Table 1 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 1

ATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Na (mg/L)	Br (mg/L)	Cl (mg/L)	F (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	TOTAL ALK (mg/L)	SO4 (mg/L)	COMMENTS
Water Canyon Watershed																
Water Canyon																
WA-2.9	PARA	UF	CS	7/22/2001 20:44:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 20:16:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 21:11:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 21:41:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
-2.9	PARA	UF	CS	7/26/2001 22:11:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
-2.9	PARA	UF	CS	7/26/2001 22:41:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 23:11:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	9.40	2.20	3.90	2.10	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	56.00	18.00	18.00	5.60	NA	NA	NA	10.00	56.00	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	16.00	4.00	5.70	3.10	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	29.00	9.60	11.00	3.40	NA	NA	NA	10.00	47.00	NA	NA	Samples received at > 6 deg C
-2.9	PARA	UF	CS	8/3/2001 14:15:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
-2.9	PARA	UF	CS	8/3/2001 14:29:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	8.30	2.00	3.80	2.30	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	14.00	5.00	6.80	2.80	NA	NA	NA	10.00	31.00	NA	NA	Samples received at > 6 deg C

See Table 18 for location details, if any

Table 2 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/L)	TOTAL PHOS (mg/L)	PO4 (mg/L)	TKN (mg/L)	NO3 (mg/L)	NO2-NO3 as N (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN CN (mg/L)	WAD CN (mg/L)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Los Alamos Watershed																	
Los Alamos Canyon																	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	DUP	7/2/2001 20:23:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 20:27:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	UF	CS	7/2/2001 20:30:00	NA	NA	NA	NA	0.54	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 20:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 21:22:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 21:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 22:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 23:22:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 23:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	UF	CS	7/3/2001 0:22:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/3/2001 0:52:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/3/2001 1:22:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

2 NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/L)	TOTAL PHOS (mg/L)	PO4 (mg/L)	TKN (mg/L)	NO3 (mg/L)	NO2-NO3 as N (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN CN (mg/L)	WAD CN (mg/L)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Los Alamos Watershed																	
Los Alamos Canyon																	
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:44:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
.0	PARA	UF	CS	8/16/2001 21:10:00	NA	NA	NA	NA	NA	< 1.00	<0.10	<0.010	NA	< 0.010	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	DUP	8/16/2001 21:10:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	STD	UF	CS	8/16/2001 21:10:00	NA	NA	NA	0.70	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:16:00	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
.0	PARA	UF	CS	8/16/2001 22:40:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pueblo Canyon																	
PU-0.3	PARA	UF	CS	7/26/2001 20:15:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 15:28:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
.3	PARA	UF	CS	8/11/2001 15:56:00	NA	NA	NA	NA	NA	< 1.00	1.80	0.013	NA	NA	NA	NA	

2 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/L)	TOTAL PHOS (mg/L)	PO4 (mg/L)	TKN (mg/L)	NO3 (mg/L)	NO2-NO3 as N (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN CN (mg/L)	WAD CN (mg/L)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Los Alamos Watershed																	
Pueblo Canyon																	
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	F	CS	8/16/2001 20:37:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]U-0.3	PARA	UF	CS	8/16/2001 20:37:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	NA	NA	NA	NA	NA	< 1.00	7.10	0.028	NA	0.015	NA	NA	
PU-0.3	STD	UF	CS	8/16/2001 20:37:00	NA	NA	NA	9.00	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mortandad Watershed																	
[illegible] del Buey																	
[illegible]	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/L)	TOTAL PHOS (mg/L)	PO4 (mg/L)	TKN (mg/L)	NO3 (mg/L)	NO2-NO3 as N (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN CN (mg/L)	WAD CN (mg/L)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-1C ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
D ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/10/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/16/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
A	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/L)	TOTAL PHOS (mg/L)	PO4 (mg/L)	TKN (mg/L)	NO3 (mg/L)	NO2-NO3 as N (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN CN (mg/L)	WAD CN (mg/L)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2B3	ENVIRO	UF	CS	7/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/L)	TOTAL PHOS (mg/L)	PO4 (mg/L)	TKN (mg/L)	NO3 (mg/L)	NO2-NO3 as N (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN CN (mg/L)	WAD CN (mg/L)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
[illegible]	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2D	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.1	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C3 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pajarito Watershed																	
Pajarito Canyon																	
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-10.4	PARA	UF	DUP	8/5/2001 17:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	F	CS	8/5/2001 18:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	<4.00	NA	NA	NA	NA	< 1.00	0.25	<0.010	NA	< 0.010	NA	NA	
PA-4.54	STD	UF	CS	8/5/2001 18:00:00	NA	NA	NA	1.40	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/L)	TOTAL PHOS (mg/L)	PO4 (mg/L)	TKN (mg/L)	NO3 (mg/L)	NO2-NO3 as N (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN CN (mg/L)	WAD CN (mg/L)	DEUT. o/oo	O18O16 o/oo	COMMENTS
P[illegible]rito Watershed																	
[illegible]Canyon																	
[illegible].54	PARA	F	CS	8/5/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Water Canyon Watershed																	
Water Canyon																	
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible]	PARA	F	CS	7/22/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible] 2.9	PARA	UF	CS	7/22/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
2.9	PARA	UF	CS	7/22/2001 19:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:44:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 20:44:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 20:16:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 21:11:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible]	PARA	UF	CS	7/26/2001 21:41:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible] 2.9	PARA	UF	CS	7/26/2001 22:11:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
2.9	PARA	UF	CS	7/26/2001 22:41:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 23:11:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C

Table 2 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/L)	TOTAL PHOS (mg/L)	PO4 (mg/L)	TKN (mg/L)	NO3 (mg/L)	NO2-NO3 as N (mg/L)	NH3 (mg/L)	TOTAL CN (mg/L)	AMEN CN (mg/L)	WAD CN (mg/L)	DEUT. o/oo	O18O16 o/oo	COMMENTS
[illegible] Watershed																	
[illegible] Canyon																	
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:15:00	< 4.00	NA	NA	NA	NA	NA	NA	0.011	NA	< 0.010	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:29:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible]	PARA	UF	CS	8/3/2001 15:59:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C

See Table 18 for location details, if any

Table 3 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/L)	TDS (mg/L)	TSS (mg/L)	BOD-5 (mg/L)	COD (mg/L)	TOC (mg/L)	HARD. (mg/L)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Watershed																	
Alamos Canyon																	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	NA	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 20:27:00	2,580.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 20:30:00	NA	170.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 20:52:00	5,460.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	UF	CS	7/2/2001 21:22:00	11,620.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 21:52:00	9,170.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 22:52:00	5,120.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 23:22:00	3,900.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/2/2001 23:52:00	3,000.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/3/2001 0:22:00	2,410.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	UF	CS	7/3/2001 0:52:00	2,010.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	7/3/2001 1:22:00	1,600.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	9,400.00	270.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 3

[illegible]TION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/L)	TDS (mg/L)	TSS (mg/L)	BOD-5 (mg/L)	COD (mg/L)	TOC (mg/L)	HARD. (mg/L)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Los Alamos Watershed																	
Los Alamos Canyon																	
LA-5.0	PARA	UF	CS	8/16/2001 20:44:00	3,590.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	NA	NA	NA	NA	NA.	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	4,190.00	230.00	NA	NA	NA	31.90	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	DUP	8/16/2001 21:10:00	NA	NA	NA	NA	NA	12.60	NA	NA	NA	NA	NA	NA	
[illegible]	PARA	UF	CS	8/16/2001 21:16:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	2,950.00	400.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pueblo Canyon																	
PU-0.3	PARA	UF	CS	7/26/2001 20:15:00	61,620.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	53,510.00	NA	NA	NA	NA	NA	430	NA	NA	NA	NA	NA	
[illegible]	PARA	UF	CS	8/11/2001 15:28:00	21,960.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	30,100.00	NA	NA	NA	NA	NA	120	NA	NA	NA	NA	NA	
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	20,100.00	NA	NA	NA	NA	NA	250	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 3

ATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/L)	TDS (mg/L)	TSS (mg/L)	BOD-5 (mg/L)	COD (mg/L)	TOC (mg/L)	HARD. (mg/L)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Los Alamos Watershed																	
Pueblo Canyon																	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	39,400.00	590.00	NA	NA	NA	54.00	NA	NA	NA	NA	NA	NA	
PU-0.3	STD	UF	CS	8/16/2001 20:37:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3	PARA	UF	CS	8/16/2001 21:37:00	19,400.00	430.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mortandad Watershed																	
Canada del Buey																	
46-1A	ENVIRO	UF	CS	8/2/2001	695.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	8/6/2001	14,506.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	9/4/2001	10,909.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	7/24/2001	793.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	ENVIRO	UF	CS	8/20/2001	11,681.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/6/2001	6,037.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	9/4/2001	20,009.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C	ENVIRO	UF	CS	8/2/2001	2,396.76	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C ALT	ENVIRO	UF	CS	9/4/2001	42,054.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/L)	TDS (mg/L)	TSS (mg/L)	BOD-5 (mg/L)	COD (mg/L)	TOC (mg/L)	HARD. (mg/L)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-1D	ENVIRO	UF	CS	9/4/2001	8,724.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D ALT	ENVIRO	UF	CS	9/4/2001	12,574.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/10/2001	146.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	ENVIRO	UF	CS	7/17/2001	34.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/19/2001	456.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/20/2001	76.92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/14/2001	1,636.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/16/2001	12.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/20/2001	273.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	ENVIRO	UF	CS	8/6/2001	548.61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	9/4/2001	805.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	8/20/2001	338.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	9/4/2001	77.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	7/24/2001	352.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	8/20/2001	652.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/L)	TDS (mg/L)	TSS (mg/L)	BOD-5 (mg/L)	COD (mg/L)	TOC (mg/L)	HARD. (mg/L)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2B2	ENVIRO	UF	CS	9/4/2001	169.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/17/2001	64.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	ENVIRO	UF	CS	7/19/2001	3,578.64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/20/2001	3,702.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/14/2001	121.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/2/2001	340.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/20/2001	552.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/6/2001	5,103.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]	ENVIRO	UF	CS	9/4/2001	1,765.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	7/19/2001	1,071.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/14/2001	178.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/2/2001	946.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/20/2001	2,244.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	9/4/2001	2,390.59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
[illegible]ALT	ENVIRO	UF	CS	9/4/2001	1,591.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/L)	TDS (mg/L)	TSS (mg/L)	BOD-5 (mg/L)	COD (mg/L)	TOC (mg/L)	HARD. (mg/L)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2C	ENVIRO	UF	CS	7/24/2001	164.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/14/2001	111.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	ENVIRO	UF	CS	8/2/2001	790.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/6/2001	167.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	9/4/2001	2,075.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2D	ENVIRO	UF	CS	8/20/2001	1,457.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2	ENVIRO	UF	CS	8/20/2001	19,509.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.1	ENVIRO	UF	CS	9/4/2001	67,171.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
ALT.2	ENVIRO	UF	CS	9/4/2001	22,806.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C3 ALT	ENVIRO	UF	CS	9/4/2001	26,909.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	7/20/2001	2,995.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	9/4/2001	11,079.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4 ALT	ENVIRO	UF	CS	9/4/2001	7,184.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pajarito Watershed																	
Canyon																	
	PARA	F	CS	8/5/2001 17:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/L)	TDS (mg/L)	TSS (mg/L)	BOD-5 (mg/L)	COD (mg/L)	TOC (mg/L)	HARD. (mg/L)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Pajarito Watershed																	
Pajarito Canyon																	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	36,300.00	270.00	NA	NA	NA	NA	187	NA	NA	NA	NA	NA	
[illegible]	PARA	F	CS	8/5/2001 18:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	16,800.00	330.00	NA	NA	NA	29.00	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	6,090.00	250.00	NA	NA	NA	NA	152	NA	NA	NA	NA	NA	
Water Canyon Watershed																	
Water Canyon																	
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible]	PARA	UF	CS	7/22/2001 18:25:00	42,700.00	NA	NA	NA	NA	NA	405	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	34,990.00	NA	NA	NA	NA	21.00	139	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:14:00	38,700.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:44:00	26,600.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 20:44:00	21,600.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible]	PARA	UF	CS	7/22/2001 20:44:00	17,700.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
[illegible]	PARA	UF	CS	7/26/2001 20:16:00	128,900.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C

Table 3 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/L)	TDS (mg/L)	TSS (mg/L)	BOD-5 (mg/L)	COD (mg/L)	TOC (mg/L)	HARD. (mg/L)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Water Canyon Watershed																	
Water Canyon																	
WA-2.9	PARA	UF	CS	7/26/2001 21:11:00	122,000.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
.9	PARA	UF	CS	7/26/2001 21:41:00	116,000.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 22:11:00	95,200.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 22:41:00	85,400.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/26/2001 23:11:00	74,700.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	40,700.00	840.00	NA	NA	NA	NA	220	NA	NA	NA	NA	NA	Samples received at > 6 deg C
.9	PARA	F	CS	8/3/2001 14:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	33,200.00	530.00	NA	NA	NA	NA	110	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:15:00	NA	NA	NA	NA	NA	39.00	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:29:00	20,800.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	8,400.00	360.00	NA	NA	NA	NA	56	NA	NA	NA	NA	NA	Samples received at > 6 deg C

. . Table 18 for location details, if any

Table 15 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: High Explosive Compounds

Sample Location/Lab:	**LA-5.0**	**PARA**
Sample Date:	**8/16/2001 21:10:00**	
Los Alamos Canyon		
Los Alamos Watershed		

ANALYTE	RESULT (ug/L)	RL	COMMENTS
2,4-Dinitrotoluene	< 10.00	10.00	
2,6-Dinitrotoluene	< 10.00	10.00	
Nitrobenzene	< 10.00	10.00	

Sample Location/Lab:	**PA-4.54**	**PARA**
Sample Date:	**8/5/2001 18:00:00**	
Pajarito Canyon		
Pajarito Watershed		

ANALYTE	RESULT (ug/L)	RL	COMMENTS
2,4-Dinitrotoluene	< 13.00	13.00	
2,6-Dinitrotoluene	< 13.00	13.00	
Nitrobenzene	< 13.00	13.00	

Table 15 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: High Explosive Compounds

Sample Location/Lab:	PU-0.3	PARA
Sample Date:	8/11/2001 15:56:00	
Pueblo Canyon		
Los Alamos Watershed		

ANALYTE		RESULT (ug/L)	RL	COMMENTS
2,4-Dinitrotoluene	<	9.50	9.50	
2,6-Dinitrotoluene	<	9.50	9.50	
Nitrobenzene	<	9.50	9.50	

Sample Date:	8/16/2001 20:37:00
Pueblo Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
2,4-Dinitrotoluene	<	10.00	10.00	
2,6-Dinitrotoluene	<	10.00	10.00	
Nitrobenzene	<	10.00	10.00	

See Table 18 for location details, if any

Table 4 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Trace Metals 1

TATION NAME	LAB	F/UF	CODE	DATE TIME	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Co (mg/L	Cr (mg/L	Cu (mg/L	Fe (mg/L)	Hg (mg/L)	COMMENTS
Los Alamos Watershed																	
Los Alamos Canyon																	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	< 0.01	40.00	0.0130	< 0.1	0.500	0.0054	< 0.005	0.0160	0.0380	0.0720	37.00	< 0.00020	Al and Fe duplicate analysis not within control limit.
LA-5.0	PARA	UF	DUP	7/2/2001 20:23:00	< 0.01	60.50	0.0191	< 0.1	0.534	0.0061	< 0.005	0.0198	0.0545	0.0881	63.10	NA	Al and Fe duplicate analysis not within control limit.
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	< 0.01	0.60	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	0.0180	0.41	< 0.00020	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	< 0.01	0.63	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	< 0.0100	0.33	< 0.00020	
[illegible]	PARA	UF	CS	8/16/2001 20:14:00	< 0.01	18.00	< 0.0100	< 0.1	0.250	< 0.0050	< 0.005	< 0.0100	0.0140	0.0150	13.00	< 0.00020	
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	< 0.01	17.50	< 0.0100	< 0.1	0.246	< 0.0050	< 0.005	< 0.0100	0.0140	0.0149	13.00	NA	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	< 0.01	6.00	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	< 0.0100	3.40	< 0.00020	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	< 0.01	62.00	0.0180	< 0.1	0.890	0.0069	< 0.005	0.0260	0.0410	0.0630	55.00	< 0.00020	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	< 0.01	< 0.20	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	< 0.0100	< 0.10	< 0.00020	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	< 0.01	59.00	0.0160	< 0.1	0.760	0.0058	< 0.005	0.0230	0.0390	0.0610	55.00	< 0.00020	
Canyon																	
.3	PARA	F	CS	8/11/2001 14:58:00	< 0.01	0.35	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	< 0.0100	0.25	< 0.00020	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	< 0.01	260.00	0.0560	< 0.1	2.200	0.0170	< 0.010	0.0780	0.1500	0.1600	220.00	0.00040	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	< 0.01	0.25	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	0.0140	0.20	< 0.00020	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	< 0.01	5.60	< 0.0100	< 0.1	0.110	< 0.0050	< 0.005	< 0.0100	<0.0100	< 0.0100	3.10	< 0.00020	
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	< 0.01	0.35	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	< 0.0100	0.33	< 0.00020	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	< 0.01	140.00	0.0300	< 0.1	1.200	0.0092	< 0.005	0.0430	0.0810	0.0850	120.00	0.00048	

Table 4 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Trace Metals 1

LOCATION NAME	LAB	F/UF	CODE	DATE TIME	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Co (mg/L	Cr (mg/L	Cu (mg/L	Fe (mg/L)	Hg (mg/L)	COMMENTS
Los Alamos Watershed																	
Pueblo Canyon																	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	< 0.01	3.40	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	2.10	< 0.00020	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	< 0.01	3.30	< 0.0100	< 0.1	0.120	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	2.30	< 0.00020	
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	< 0.01	< 0.20	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	< 0.10	< 0.00020	
[illegible]	PARA	UF	CS	8/16/2001 21:37:00	< 0.01	140.00	0.0400	< 0.1	2.800	0.0220	< 0.005	0.1000	0.0870	0.1200	130.00	0.00036	
[illegible] Watershed																	
Pajarito Canyon																	
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	< 0.01	0.46	< 0.0100	< 0.1	0.140	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	0.88	< 0.00020	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	< 0.01	34.00	0.0110	< 0.1	0.710	< 0.0050	< 0.005	0.0130	0.0190	0.0260	27.00	< 0.00020	
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	< 0.01	0.21	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	0.18	< 0.00020	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	< 0.01	21.00	< 0.0100	< 0.1	0.370	< 0.0050	< 0.005	< 0.0100	0.0120	0.0170	18.00	0.00038	
[illegible] 54	PARA	F	CS	8/5/2001 19:00:00	< 0.01	< 0.20	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	0.12	< 0.00020	
[illegible] 54	PARA	UF	CS	8/5/2001 19:00:00	< 0.01	71.00	0.0250	< 0.1	1.100	0.0057	< 0.005	0.0280	0.0490	0.0830	79.00	< 0.00020	
Water Canyon Watershed																	
Water Canyon																	
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	< 0.01	< 0.20	< 0.0100	< 0.1	0.140	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	0.16	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	< 0.01	240.00	0.0430	< 0.1	3.200	0.0170	< 0.005	0.0640	0.1300	0.1500	190.00	NA	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	< 0.01	0.39	< 0.0100	< 0.1	0.140	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	0.24	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	< 0.01	4.90	< 0.0100	< 0.1	0.170	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	2.30	NA	Samples received at > 6 deg C
[illegible] 2.9	PARA	F	CS	8/3/2001 13:54:00	< 0.01	1.90	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	<0.0100	1.10	< 0.00020	Samples received at > 6 deg C

NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Trace Metals 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ag (mg/L)	Al (mg/L)	As (mg/L)	B (mg/L)	Ba (mg/L)	Be (mg/L)	Cd (mg/L)	Co (mg/L	Cr (mg/L	Cu (mg/L	Fe (mg/L)	Hg (mg/L)	COMMENTS
Water Canyon Watershed																	
Water Canyon																	
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	< 0.01	86.00	0.0210	< 0.1	1.300	0.0063	< 0.005	0.0260	0.0410	0.0550	63.00	0.00022	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	< 0.01	6.80	< 0.0100	< 0.1	0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	< 0.0100	3.80	< 0.00020	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	< 0.01	43.00	0.0110	< 0.1	0.620	< 0.0050	< 0.005	0.0130	0.0200	0.0260	33.00	< 0.00020	Samples received at > 6 deg C
[illegible]	PARA	F	CS	8/3/2001 15:59:00	< 0.01	2.20	< 0.0100	< 0.1	< 0.100	< 0.0050	< 0.005	< 0.0100	<0.0100	< 0.0100	1.20	< 0.00020	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	< 0.01	22.00	< 0.0100	< 0.1	0.330	< 0.0050	< 0.005	< 0.0100	0.0110	0.0140	17.00	< 0.00020	Samples received at > 6 deg C

See Table 18 for location details, if any

NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Trace Metals 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	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)	U (mg/L)	V (mg/L)	Zn (mg/L)	COMMENTS
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	< 0.0100	< 0.010	NA	< 0.0200	0.0060	< 0.02	< 0.005	5.20	NA	0.058	< 0.01	NA	< 0.0100	0.048	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	0.0590	1.800	NA	0.0340	0.1500	< 0.02	< 0.005	49.00	NA	0.160	< 0.01	NA	0.0610	0.660	Li and V duplicate analysis not within control limit. Mn spiked sample recovery not within control limits.
LA-5.0	PARA	UF	DUP	7/2/2001 20:23:00	0.0989	2.010	NA	0.0428	0.1670	< 0.02	< 0.005	51.20	NA	0.167	< 0.01	NA	0.0844	0.725	Li and V duplicate analysis not within control limit.
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	< 0.0100	0.032	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	14.00	NA	0.140	< 0.01	NA	< 0.0100	<0.020	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	< 0.0100	0.048	NA	< 0.0200	0.0045	< 0.02	< 0.005	14.00	NA	0.060	< 0.01	NA	< 0.0100	0.045	
[illegible]	PARA	F	CS	8/16/2001 22:40:00	< 0.0100	< 0.010	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	3.80	NA	0.059	< 0.01	NA	< 0.0100	<0.020	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	0.0180	0.820	NA	< 0.0200	0.0250	< 0.02	< 0.005	42.00	NA	0.180	< 0.01	NA	0.0200	0.100	Mn spiked sample recovery not within control limits.
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	0.0172	0.802	NA	< 0.0200	0.0258	< 0.02	< 0.005	40.70	NA	0.183	< 0.01	NA	0.0192	0.102	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	0.0540	4.000	NA	0.0430	0.1800	< 0.02	< 0.005	63.00	NA	0.230	< 0.01	NA	0.0830	0.470	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	0.0550	3.400	NA	0.0410	0.1600	< 0.02	< 0.005	71.00	NA	0.200	< 0.01	NA	0.0760	0.370	
[illegible] Canyon																			
[illegible]3	PARA	F	CS	8/11/2001 14:58:00	< 0.0100	0.630	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	6.40	NA	0.210	< 0.01	NA	< 0.0100	<0.020	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	< 0.0100	0.032	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	5.40	NA	0.180	< 0.01	NA	< 0.0100	0.022	

5 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Trace Metals 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	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)	U (mg/L)	V (mg/L)	Zn (mg/L)	COMMENTS
Los Alamos Watershed																			
Pueblo Canyon																			
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	< 0.0100	0.019	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	6.30	NA	0.170	< 0.01	NA	< 0.0100	0.031	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	< 0.0100	0.660	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	13.00	NA	0.210	< 0.01	NA	< 0.0100	0.081	
[illegible]	PARA	F	CS	8/16/2001 21:37:00	< 0.0100	< 0.010	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	5.00	NA	0.170	< 0.01	NA	< 0.0100	<0.020	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	0.2100	8.500	NA	0.1600	0.3400	< 0.02	< 0.010	50.00	NA	0.600	< 0.02	NA	0.2900	0.700	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	< 0.0100	0.180	NA	< 0.0200	0.0046	< 0.02	< 0.005	13.00	NA	0.180	< 0.01	NA	< 0.0100	<0.020	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	0.1200	5.500	NA	0.0830	0.1900	< 0.02	< 0.005	46.00	NA	0.410	< 0.01	NA	0.1600	0.410	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	< 0.0100	0.610	NA	< 0.0200	0.0031	< 0.02	< 0.005	14.00	NA	0.250	< 0.01	NA	< 0.0100	<0.020	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	0.1300	16.000	NA	0.1300	0.2900	< 0.02	0.011	65.00	NA	1.100	< 0.02	NA	0.2100	0.920	
[illegible] Watershed																			
[illegible] Canyon																			
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	< 0.0100	1.900	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	4.40	NA	0.240	< 0.01	NA	< 0.0100	<0.020	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	0.0230	4.200	NA	< 0.0200	0.0480	< 0.02	< 0.005	28.00	NA	0.310	< 0.01	NA	0.0430	0.130	
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	< 0.0100	< 0.010	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	4.80	NA	0.130	< 0.01	NA	< 0.0100	<0.020	
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	< 0.0100	< 0.010	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	3.70	NA	0.079	< 0.01	NA	< 0.0100	<0.020	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	0.0170	1.900	NA	< 0.0200	0.0310	< 0.02	< 0.005	26.00	NA	0.210	< 0.01	NA	0.0250	0.100	
[illegible]	PARA	UF	CS	8/5/2001 19:00:00	0.0660	3.800	NA	0.0460	0.1600	< 0.02	< 0.005	43.00	NA	0.260	< 0.01	NA	0.1000	0.480	
[illegible] Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	< 0.0100	0.310	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	6.30	NA	0.260	< 0.01	NA	< 0.0100	<0.020	Samples received at > 6 deg C

Table 5 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Trace Metals 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	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)	U (mg/L)	V (mg/L)	Zn (mg/L)	COMMENTS
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	< 0.0100	0.340	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	6.90	NA	0.250	< 0.01	NA	< 0.0100	<0.020	Samples received at > 6 deg C
[illegible]	PARA	F	CS	8/3/2001 13:54:00	< 0.0100	0.018	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	7.50	NA	0.057	< 0.01	NA	< 0.0100	<0.020	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	< 0.0100	0.078	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	15.00	NA	0.096	< 0.01	NA	< 0.0100	<0.020	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	< 0.0100	0.015	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	7.60	NA	0.052	< 0.01	NA	< 0.0100	<0.020	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	0.1800	9.600	NA	0.1100	0.2200	< 0.02	0.015	58.00	NA	0.770	< 0.01	NA	0.2500	0.620	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	< 0.0100	0.400	NA	< 0.0200	< 0.0030	< 0.02	< 0.005	13.00	NA	0.250	< 0.01	NA	< 0.0100	0.030	Samples received at > 6 deg C
[illegible]	PARA	UF	CS	8/3/2001 13:54:00	0.0560	5.000	NA	0.0370	0.0960	< 0.02	< 0.005	77.00	NA	0.390	< 0.01	NA	0.0850	0.250	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	0.0300	2.600	NA	< 0.0200	0.0490	< 0.02	< 0.005	58.00	NA	0.190	< 0.01	NA	0.0440	0.130	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	0.0160	0.780	NA	< 0.0200	0.0250	< 0.02	< 0.005	39.00	NA	0.098	< 0.01	NA	0.0250	0.072	Samples received at > 6 deg C

See Table 18 for location details, if any

Table 6 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Am-241 (pCi/L)	UNC / MDA	Np-237 (pCi/L)	UNC / MDA	Pu-238 (pCi/L)	UNC / MDA	Pu-239 (pCi/L)	UNC / MDA	Pu-239,240 (pCi/L)	UNC / MDA	Comments
Los Alamos Watershed															
Los Alamos Canyon															
	PARA	F	CS	8/16/2001 21:10:00	0.0330	0.0300 / 0.0330	NA	____	-0.0070	0.0130 / 0.0450	0.1230	0.0610 / 0.0130	NA	____	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	0.0210	0.0280 / 0.0350	NA	____	-0.0060	0.0120 / 0.0420	0.0940	0.0510 / 0.0120	NA	____	Pu-239 result is < requested MDC, > sample specific MDC
LA-5.0	PARA	F	DUP	8/16/2001 22:40:00	0.0230	0.0260 / 0.0140	NA	____	-0.0040	0.0120 / 0.0360	0.0130	0.0180 / 0.0120	NA	____	Am-241, Pu-239 results are < requested MDC, > sample specific MDC/ duplicate analysis not within control limits
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	1.0400	0.2100 / 0.0490	NA	____	0.0780	0.0640 / 0.0940	2.8000	0.4300 / 0.0150	NA	____	
	PARA	UF	CS	8/16/2001 21:10:00	0.9500	0.1700 / 0.0410	NA	____	0.0780	0.0410 / 0.0390	3.3000	0.4700 / 0.0110	NA	____	Pu-238 result is < requested MDC, > sample specific MDC
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	0.4840	0.0940 / 0.0200	NA	____	0.0500	0.0330 / 0.0440	1.9500	0.2900 / 0.0220	NA	____	Pu-238 result is < requested MDC, > sample specific MDC
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	0.0360	0.0240 / 0.0072	NA	____	0.0040	0.0045 / 0.0029	0.0108	0.0081 / 0.0084	NA	____	Results are < requested MDC, > sample specific MDC
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	4.0400	0.6800 / 0.0380	NA	____	0.3100	0.0580 / 0.0190	2.4900	0.3500 / 0.0120	NA	____	

Table 6 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Am-241 (pCi/L)	UNC MDA	Np-237 (pCi/L)	UNC MDA	Pu-238 (pCi/L)	UNC MDA	Pu-239 (pCi/L)	UNC MDA	Pu-239,240 (pCi/L)	UNC MDA	Comments
[illegible] Watershed															
[illegible] Canyon															
[illegible]	PARA	F	CS	8/16/2001 20:14:00	0.0080	0.0200 / 0.0430	NA	____	-0.0160	0.0140 / 0.0660	-0.0110	0.0200 / 0.0700	NA	____	
Pueblo Canyon															
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	0.0050	0.0140 / 0.0300	NA	____	-0.0080	0.0120 / 0.0470	0.0200	0.0230 / 0.0120	NA	____	Pu-239 result is < requested MDC, > sample specific MDC
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	0.0030	0.0130 / 0.0340	NA	____	-0.0080	0.0130 / 0.0480	0.0400	0.0340 / 0.0300	NA	____	Pu-239 result is < requested MDC, > sample specific MDC
	PARA	F	CS	8/11/2001 17:17:00	0.0230	0.0270 / 0.0140	NA	____	-0.0040	0.0190 / 0.0590	0.0370	0.0350 / 0.0340	NA	____	Am-241, Pu-239 results are < requested MDC, > sample specific MDC
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	0.0140	0.0240 / 0.0430	NA	____	0.0090	0.0180 / 0.0330	0.4700	0.1200 / 0.0110	NA	____	
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	0.0050	0.0140 / 0.0300	NA	____	0.0050	0.0140 / 0.0300	0.0460	0.0360 / 0.0300	NA	____	Pu-239 result is < requested MDC, > sample specific MDC
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	3.7800	0.9800 / 0.3600	NA	____	0.5600	0.3700 / 0.4200	55.8000	7.5000 / 0.1100	NA	____	
	PARA	UF	CS	8/11/2001 15:56:00	2.3000	0.5900 / 0.2600	NA	____	0.3100	0.2600 / 0.3700	46.2000	6.2000 / 0.2200	NA	____	

'able 6 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Am-241 (pCi/L)	UNC / MDA	Np-237 (pCi/L)	UNC / MDA	Pu-238 (pCi/L)	UNC / MDA	Pu-239 (pCi/L)	UNC / MDA	Pu-239,240 (pCi/L)	UNC / MDA	Comments
' shed															
n															
U-0.3	PARA	UF	CS	8/11/2001 17:17:00	1.9900	0.4900 / 0.1600	NA	____	0.2800	0.1500 / 0.1200	42.8000	5.5000 / 0.1200	NA	____	
PU-0.3	PARA	UF	DUP	8/11/2001 17:17:00	1.8000	0.4300 / 0.1700	NA	____	0.3800	0.1800 / 0.1300	44.9000	5.8000 / 0.1300	NA	____	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	9.9000	1.7000 / 0.4100	NA	____	1.6900	0.5600 / 0.3400	253.0000	32.0000 / 0.3400	NA	____	
	PARA	UF	CS	8/16/2001 21:37:00	4.1900	0.7600 / 0.1400	NA	____	0.4100	0.1800 / 0.1200	103.0000	13.0000 / 0.0420	NA	____	
arito Watershed															
ajarito Canyon															
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	0.2810	0.0630 / 0.0180	NA	____	0.1190	0.0300 / 0.0150	0.8700	0.1300 / 0.0093	NA	____	
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	0.0033	0.0071 / 0.0130	NA	____	-0.0025	0.0060 / 0.0150	0.0050	0.0050 / 0.0031	NA	____	
	PARA	UF	CS	8/5/2001 17:00:00	1.2200	0.2900 / 0.0680	NA	____	0.2520	0.0880 / 0.0470	4.8700	0.7200 / 0.0470	NA	____	
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	0.0070	0.0087 / 0.0130	NA	____	0.0026	0.0063 / 0.0120	0.0000	0.0063 / 0.0140	NA	____	

Table 6 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Am-241 (pCi/L)	UNC / MDA	Np-237 (pCi/L)	UNC / MDA	Pu-238 (pCi/L)	UNC / MDA	Pu-239 (pCi/L)	UNC / MDA	Pu-239,240 (pCi/L)	UNC / MDA	Comments
[illegible] Watershed															
Pajarito Canyon															
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	0.0046	0.0070 / 0.0110	NA	____	0.0022	0.0030 / 0.0026	0.0032	0.0056 / 0.0097	NA	____	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	0.7700	0.1900 / 0.0540	NA	____	0.2310	0.0660 / 0.0330	4.1600	0.6000 / 0.0088	NA	____	
Water Canyon Watershed															
Water Canyon															
[illegible]	PARA	F	CS	7/22/2001 18:25:00	0.0010	0.0150 / 0.0420	NA	____	0.0170	0.0220 / 0.0270	0.0110	0.0180 / 0.0270	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	-0.0070	0.0140 / 0.0480	NA	____	-0.0030	0.0160 / 0.0500	-0.0060	0.0120 / 0.0410	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	0.0230	0.0300 / 0.0380	NA	____	0.0010	0.0140 / 0.0390	0.0040	0.0130 / 0.0270	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	0.0070	0.0250 / 0.0580	NA	____	0.0050	0.0140 / 0.0300	-0.0060	0.0120 / 0.0420	NA	____	Samples received at > 6 deg C
[illegible]	PARA	F	DUP	8/3/2001 14:14:00	0.0140	0.0190 / 0.0120	NA	____	-0.0040	0.0180 / 0.0560	0.0160	0.0260 / 0.0460	NA	____	Samples received at > 6 deg C/Am-241 result is < requested MDC, > sample specific MDC
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	0.0180	0.0230 / 0.0280	NA	____	-0.0070	0.0140 / 0.0480	0.0310	0.0300 / 0.0140	NA	____	Samples received at > 6 deg C/Pu-239 result is < requested MDC, > sample specific MDC

Table 5 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 1

STATION ID	LAB	F/UF	CODE	DATE TIME	Am-241 (pCi/L)	UNC / MDA	Np-237 (pCi/L)	UNC / MDA	Pu-238 (pCi/L)	UNC / MDA	Pu-239 (pCi/L)	UNC / MDA	Pu-239,240 (pCi/L)	UNC / MDA	Comments
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	0.7100	0.4000 / 0.4400	NA	____	-0.2000	0.2800 / 0.6600	2.0400	0.6100 / 0.0980	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	1.4400	0.5300 / 0.3000	NA	____	0.1700	0.2300 / 0.3700	2.7600	0.7500 / 0.2900	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	0.9500	0.3900 / 0.3100	NA	____	0.0300	0.1800 / 0.3600	1.9400	0.5700 / 0.2500	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	1.0600	0.5800 / 0.6200	NA	____	0.2000	0.3500 / 0.6100	2.0200	0.7600 / 0.1600	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	0.9700	0.4000 / 0.2600	NA	____	0.1200	0.3100 / 0.5700	2.1200	0.6500 / 0.2900	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	0.2700	0.1000 / 0.0730	NA	____	0.0380	0.0450 / 0.0690	0.7100	0.1700 / 0.0680	NA	____	Samples received at > 6 deg C

Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 18 for location details, if any

Table 7 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 2

[illegible]	LAB	F/UF	CODE	DATE TIME	U-234 (pCi/L)	UNC MDA	U-235 (pCi/L)	UNC MDA	U-235,236 (pCi/L)	UNC MDA	U-238 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed													
Los Alamos Canyon													
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	0.041	0.022 / 0.018	0.002	0.0079 / 0.0180	NA	____	0.031	0.019 / 0.016	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	5.590	0.840 / 0.037	0.348	0.0920 / 0.0330	NA	____	5.460	0.830 / 0.033	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	0.189	0.096 / 0.053	0.036	0.0460 / 0.0670	NA	____	0.175	0.093 / 0.061	
[illegible]	PARA	F	CS	8/16/2001 21:10:00	0.092	0.064 / 0.059	0.020	0.0280 / 0.0180	NA	____	0.078	0.057 / 0.038	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	0.122	0.075 / 0.057	0.049	0.0480 / 0.0500	NA	____	0.081	0.061 / 0.050	
LA-5.0	PARA	F	DUP	8/16/2001 22:40:00	0.039	0.049 / 0.072	0.019	0.0340 / 0.0570	NA	____	0.034	0.049 / 0.083	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	15.400	2.000 / 0.083	1.030	0.2200 / 0.0930	NA	____	15.500	2.000 / 0.019	
	PARA	UF	CS	8/16/2001 21:10:00	7.800	1.000 / 0.042	0.570	0.1200 / 0.0110	NA	____	7.800	1.000 / 0.011	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	5.120	0.670 / 0.039	0.300	0.0720 / 0.0240	NA	____	5.180	0.680 / 0.030	
Pueblo Canyon													
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	1.660	0.350 / 0.054	0.098	0.0690 / 0.0540	NA	____	1.540	0.330 / 0.020	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	1.010	0.240 / 0.079	0.058	0.0500 / 0.0480	NA	____	0.980	0.240 / 0.061	

NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	U-234 (pCi/L)	UNC / MDA	U-235 (pCi/L)	UNC / MDA	U-235,236 (pCi/L)	UNC / MDA	U-238 (pCi/L)	UNC / MDA	Comments
Los Alamos Watershed													
Pueblo Canyon													
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	0.820	0.220 / 0.087	0.093	0.0650 / 0.0510	NA	____	0.780	0.210 / 0.019	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	1.280	0.290 / 0.062	0.042	0.0470 / 0.0680	NA	____	1.230	0.280 / 0.050	
	PARA	F	CS	8/16/2001 21:37:00	0.910	0.240 / 0.082	0.020	0.0400 / 0.0780	NA	____	0.810	0.220 / 0.043	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	79.000	10.000 / 0.800	3.700	1.1000 / 0.8600	NA	____	81.000	11.000 / 0.800	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	41.600	5.700 / 0.440	3.080	0.8200 / 0.4400	NA	____	44.800	6.100 / 0.380	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	28.200	3.900 / 0.350	2.450	0.6200 / 0.3100	NA	____	26.700	3.700 / 0.350	
PU-0.3	PARA	UF	DUP	8/11/2001 17:17:00	28.600	3.800 / 0.210	1.720	0.4500 / 0.2100	NA	____	31.700	4.200 / 0.056	
	PARA	UF	CS	8/16/2001 20:37:00	75.200	9.900 / 0.860	3.590	0.9900 / 0.6400	NA	____	71.400	9.400 / 0.120	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	34.700	4.600 / 0.420	2.200	0.5400 / 0.1800	NA	____	35.400	4.700 / 0.270	
Pajarito Watershed													
Pajarito Canyon													
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	0.250	0.062 / 0.022	0.020	0.0160 / 0.0190	NA	____	0.268	0.065 / 0.022	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	37.000	6.000 / 0.240	1.500	0.4200 / 0.1600	NA	____	38.400	6.200 / 0.044	

7 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	U-234 (pCi/L)	UNC MDA	U-235 (pCi/L)	UNC MDA	U-235,236 (pCi/L)	UNC MDA	U-238 (pCi/L)	UNC MDA	Comments
Pajarito Watershed													
Pajarito Canyon													
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	0.266	0.058 / 0.019	0.014	0.0110 / 0.0110	NA	____	0.410	0.080 / 0.016	
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	0.077	0.033 / 0.024	0.011	0.0130 / 0.0210	NA	____	0.142	0.046 / 0.024	
[illegible]	PARA	UF	CS	8/5/2001 18:00:00	41.200	8.300 / 0.190	1.960	0.5600 / 0.1900	NA	____	52.000	10.000 / 0.130	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	12.100	2.200 / 0.078	0.580	0.1500 / 0.0340	NA	____	15.700	2.800 / 0.050	
Water Canyon Watershed													
Water Canyon													
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	0.051	0.055 / 0.072	0.007	0.0250 / 0.0570	NA	____	0.141	0.085 / 0.057	Coolers received at 8-9 deg C
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	60.700	8.100 / 0.520	3.340	0.9300 / 0.5200	NA	____	49.900	6.800 / 0.520	Samples received at 7-12 deg C
[illegible]	PARA	UF	DUP	7/22/2001 18:25:00	70.000	9.300 / 0.850	4.100	1.1000 / 0.8000	NA	____	63.700	8.600 / 0.750	Samples received at 7-12 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	52.600	7.200 / 0.700	1.670	0.7100 / 0.7500	NA	____	43.800	6.100 / 0.590	Samples received at 7-12 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	49.900	7.100 / 0.920	3.800	1.2000 / 0.7500	NA	____	55.300	7.800 / 0.840	Coolers received at 8-9 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	52.700	7.100 / 0.460	4.020	0.9800 / 0.4600	NA	____	61.600	8.200 / 0.310	Coolers received at 8-9 deg C
[illegible]	PARA	UF	CS	8/3/2001 15:59:00	14.500	2.000 / 0.170	0.940	0.2500 / 0.0330	NA	____	15.300	2.100 / 0.033	Coolers received at 8-9 deg C

Table 7 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Alpha-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	U-234 (pCi/L)	UNC / MDA	U-235 (pCi/L)	UNC / MDA	U-235,236 (pCi/L)	UNC / MDA	U-238 (pCi/L)	UNC / MDA	Comments
Water Canyon Watershed													
Water Canyon													
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	1.230	0.290 / 0.077	0.046	0.0480 / 0.0460	NA	____	0.980	0.250 / 0.064	Samples received at 7-12 deg C
[illegible]	PARA	F	CS	7/22/2001 19:00:00	1.000	0.270 / 0.070	0.047	0.0520 / 0.0620	NA	____	0.790	0.230 / 0.070	Samples received at 7-12 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	0.340	0.140 / 0.065	0.024	0.0340 / 0.0210	NA	____	0.380	0.140 / 0.057	Coolers received at 8-9 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	0.133	0.086 / 0.090	0.021	0.0410 / 0.0800	NA	____	0.084	0.067 / 0.069	Coolers received at 8-9 deg C
WA-2.9	PARA	F	DUP	8/3/2001 14:14:00	0.078	0.064 / 0.072	0.000	0.0200 / 0.0200	NA	____	0.092	0.068 / 0.066	Coolers received at 8-9 deg C

Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect
See Table 18 for location details, if any

Table 8 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gross Alpha/Beta and Gamma-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	GROSSA (pCi/L)	UNC MDA	GROSSB (pCi/L)	UNC MDA	Ac-228 (pCi/L)	UNC MDA	Ag-110m (pCi/L)	UNC MDA	Al-26 (pCi/L)	UNC MDA	Am-241 (pCi/L)	UNC MDA	Be-7 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed																			
Los Alamos Canyon																			
[illegible]	PARA	F	CS	7/2/2001 20:27:00	-0.1	1.1 / 2.1	14.9	2.7 / 2.3	-5.0	18.0 / 31.0	-6.8	4.9 / 9.0	3.8	4.7 / 7.7	-19.0	19.0 / 33.0	18.0	85.0 / 140.0	
LA-5.0	PARA	F	DUP	7/2/2001 20:27:00	NA	___	NA	___	13.0	17.0 / 28.0	3.7	4.6 / 7.4	0.5	5.0 / 8.8	-26.0	20.0 / 35.0	-14.0	84.0 / 150.0	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	19.8	3.9 / 1.9	22.6	3.8 / 2.6	6.0	16.0 / 27.0	1.3	7.0 / 12.0	-3.1	4.5 / 8.6	14.0	20.0 / 33.0	57.0	85.0 / 140.0	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	NA	___	NA	___	4.0	18.0 / 30.0	2.6	5.0 / 8.3	-2.3	4.9 / 9.1	0.0	18.0 / 30.0	14.0	90.0 / 150.0	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	NA	___	NA	___	-6.0	33.0 / 57.0	-5.0	4.8 / 8.7	2.6	5.9 / 10.0	3.4	4.3 / 7.1	-48.0	73.0 / 130.0	
	PARA	F	CS	8/16/2001 22:40:00	NA	___	NA	___	11.0	12.0 / 20.0	0.5	4.1 / 7.1	-2.6	4.6 / 8.6	-0.2	4.4 / 7.4	25.0	69.0 / 120.0	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	NA	___	NA	___	25.0	14.0 / 26.0	-4.0	6.0 / 11.0	2.0	6.0 / 10.0	-20.0	28.0 / 49.0	3.0	99.0 / 170.0	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	NA	___	NA	___	15.5	9.4 / 18.0	-2.1	3.3 / 5.7	-1.2	2.2 / 3.9	1.0	13.0 / 21.0	31.0	46.0 / 75.0	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	NA	___	NA	___	10.0	14.0 / 24.0	-4.5	4.5 / 8.1	-1.2	4.2 / 7.8	20.0	28.0 / 46.0	12.0	80.0 / 140.0	
Pueblo Canyon																			
[illegible]	PARA	F	CS	8/11/2001 14:58:00	NA	___	NA	___	11.0	21.0 / 34.0	0.7	4.5 / 7.8	2.9	4.7 / 7.8	3.7	5.2 / 8.5	21.0	85.0 / 150.0	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	NA	___	NA	___	3.7	8.4 / 17.0	0.5	2.8 / 4.6	1.2	2.5 / 4.2	3.0	15.0 / 24.0	-38.0	50.0 / 86.0	

Table 8 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gross Alpha/Beta and Gamma-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	GROSSA (pCi/L)	UNC MDA	GROSSB (pCi/L)	UNC MDA	Ac-228 (pCi/L)	UNC MDA	Ag-110m (pCi/L)	UNC MDA	Al-26 (pCi/L)	UNC MDA	Am-241 (pCi/L)	UNC MDA	Be-7 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed																			
[illegible] Canyon																			
	PARA	F	DUP	8/11/2001 15:56:00	NA	___	NA	___	2.0	18.0 / 31.0	3.5	4.6 / 7.5	-1.7	4.1 / 7.7	-11.0	28.0 / 48.0	-5.0	80.0 / 140.0	
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	NA	___	NA	___	0.0	17.0 / 29.0	-1.5	4.5 / 8.1	-0.4	5.5 / 9.7	-1.0	19.0 / 32.0	-24.0	90.0 / 160.0	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	NA	___	NA	___	17.0	16.0 / 26.0	1.6	5.1 / 8.7	0.2	6.3 / 11.0	-39.0	30.0 / 52.0	13.0	93.0 / 160.0	
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	NA	___	NA	___	2.0	11.0 / 18.0	-1.9	2.2 / 3.9	2.0	2.2 / 3.5	-5.0	13.0 / 21.0	18.0	40.0 / 67.0	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	NA	___	NA	___	32.0	18.0 / 32.0	0.3	4.8 / 8.3	0.2	3.8 / 6.9	15.0	30.0 / 50.0	-25.0	92.0 / 160.0	
	PARA	UF	DUP	8/11/2001 14:58:00	NA	___	NA	___	49.0	12.0 / 18.0	-3.5	3.6 / 6.2	-0.3	2.2 / 3.8	53.0	25.0 / 39.0	88.0	52.0 / 81.0	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	NA	___	NA	___	29.0	16.0 / 30.0	-1.1	8.5 / 15.0	1.3	5.3 / 9.3	-8.0	29.0 / 50.0	50.0	80.0 / 310.0	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	NA	___	NA	___	21.0	14.0 / 32.0	1.1	6.3 / 11.0	-0.6	3.7 / 6.9	-0.1	4.6 / 7.8	57.0	53.0 / 84.0	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	NA	___	NA	___	23.0	13.0 / 31.0	2.0	4.7 / 7.9	0.0	5.9 / 11.0	0.1	4.8 / 8.2	87.0	81.0 / 130.0	
[illegible]	PARA	UF	CS	8/16/2001 21:37:00	NA	___	NA	___	11.0	13.0 / 28.0	3.3	6.8 / 11.0	-1.3	3.8 / 7.2	1.8	4.7 / 7.8	23.0	78.0 / 130.0	
[illegible]ito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	NA	___	NA	___	-11.0	35.0 / 60.0	-1.3	5.4 / 9.7	8.5	6.4 / 9.2	4.6	4.8 / 7.7	37.0	91.0 / 150.0	

Table 8 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gross Alpha/Beta and Gamma-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	GROSSA (pCi/L)	UNC MDA	GROSSB (pCi/L)	UNC MDA	Ac-228 (pCi/L)	UNC MDA	Ag-110m (pCi/L)	UNC MDA	Al-26 (pCi/L)	UNC MDA	Am-241 (pCi/L)	UNC MDA	Be-7 (pCi/L)	UNC MDA	Comments
[illegible] Watershed																			
[illegible] nyon																			
[illegible]	PARA	UF	CS	8/5/2001 17:00:00	NA	___	NA	___	33.4	10.0 / 19.0	-3.9	3.8 / 6.5	-1.5	2.2 / 3.8	3.0	9.2 / 15.0	160.0	55.0 / 74.0	
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	NA	___	NA	___	0.0	35.0 / 59.0	-3.5	5.6 / 10.0	-1.8	7.6 / 14.0	2.4	4.8 / 8.0	-93.0	94.0 / 170.0	
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	NA	___	NA	___	-12.0	18.0 / 32.0	-2.4	5.1 / 9.1	-1.2	4.6 / 8.4	-5.0	17.0 / 30.0	46.0	97.0 / 160.0	
[illegible]	PARA	UF	CS	8/5/2001 18:00:00	NA	___	NA	___	16.0	13.0 / 20.0	1.1	7.9 / 13.0	-1.3	5.6 / 10.0	-10.0	42.0 / 72.0	60.0	10.0 / 190.0	
[illegible]	PARA	UF	CS	8/5/2001 19:00:00	NA	___	NA	___	19.0	17.0 / 28.0	-2.6	5.7 / 10.0	0.8	5.7 / 10.0	5.0	29.0 / 48.0	20.0	20.0 / 200.0	
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	NA	___	NA	___	-6.0	17.0 / 31.0	-3.3	5.2 / 9.4	-0.6	4.5 / 8.2	-12.0	25.0 / 44.0	-60.0	20.0 / 210.0	Samples received at > 6 deg C
WA-2.9	PARA	F	DUP	7/22/2001 18:25:00	NA	___	NA	___	-10.0	22.0 / 39.0	3.7	4.7 / 7.7	-0.7	5.0 / 9.2	27.0	26.0 / 42.0	-40.0	20.0 / 210.0	Samples received at > 6 deg C
[illegible]	PARA	F	CS	7/22/2001 19:00:00	NA	___	NA	___	-2.0	21.0 / 37.0	-0.6	5.7 / 10.0	4.7	4.5 / 7.0	5.0	32.0 / 54.0	40.0	20.0 / 200.0	Samples received at > 6 deg C
	PARA	F	CS	8/3/2001 13:54:00	NA	___	NA	___	13.0	20.0 / 34.0	-1.3	5.1 / 9.0	2.0	5.2 / 9.0	0.1	5.2 / 8.9	-71.0	93.0 / 170.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	NA	___	NA	___	3.0	16.0 / 27.0	0.3	4.5 / 7.9	-0.8	4.5 / 8.2	2.0	17.0 / 28.0	20.0	10.0 / 180.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	NA	___	NA	___	1.0	17.0 / 30.0	-1.0	5.0 / 8.8	-1.3	5.0 / 9.1	-7.0	18.0 / 31.0	-30.0	95.0 / 170.0	Samples received at > 6 deg C

Table 8 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gross Alpha/Beta and Gamma-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	GROSSA (pCi/L)	UNC MDA	GROSSB (pCi/L)	UNC MDA	Ac-228 (pCi/L)	UNC MDA	Ag-110m (pCi/L)	UNC MDA	Al-26 (pCi/L)	UNC MDA	Am-241 (pCi/L)	UNC MDA	Be-7 (pCi/L)	UNC MDA	Comments
n Watershed																			
Canyon																			
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	NA	___	NA	___	23.0	13.0 / 26.0	-0.9	5.1 / 8.9	1.7	6.0 / 11.0	1.6	4.4 / 7.4	-10.0	00.0 / 180.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	NA	___	NA	___	16.0	20.0 / 33.0	-3.5	5.0 / 9.0	1.3	4.2 / 7.3	7.0	28.0 / 47.0	60.0	10.0 / 190.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	NA	___	NA	___	34.0	16.0 / 34.0	1.5	7.1 / 12.0	-0.1	4.5 / 8.0	0.1	4.8 / 8.1	70.0	00.0 / 170.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	NA	___	NA	___	46.0	11.0 / 17.0	-6.1	4.0 / 6.8	-0.2	2.2 / 3.8	56.0	25.0 / 39.0	42.0	34.0 / 53.0	Samples received at > 6 deg C/Am-241 nuclide identification is tentative
[illegible]	PARA	UF	CS	8/3/2001 14:14:00	NA	___	NA	___	7.0	21.0 / 35.0	2.2	4.7 / 7.9	-0.4	5.5 / 10.0	0.7	4.5 / 7.5	-26.0	96.0 / 170.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	NA	___	NA	___	16.0	14.0 / 22.0	-3.5	4.5 / 8.0	-0.9	4.1 / 7.6	-2.5	4.7 / 8.0	0.0	86.0 / 150.0	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 18 for location details, if any

Table 9 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 2

	LAB	F/UF	CODE	DATE TIME	Bi-212 (pCi/L)	UNC MDA	Bi-214 (pCi/L)	UNC MDA	Cd-109 (pCi/L)	UNC MDA	Ce-139 (pCi/L)	UNC MDA	Ce-144 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed															
Los Alamos Canyon															
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	34.0	55.0 / 92.0	28.0	16.0 / 24.0	-200.0	140.0 / 240.0	2.4	4.7 / 7.7	-28.0	30.0 / 52.0	Bi-214 nuclide identification is tentative
LA-5.0	PARA	F	DUP	7/2/2001 20:27:00	55.0	50.0 / 79.0	-7.0	13.0 / 23.0	-70.0	140.0 / 230.0	1.1	4.5 / 7.6	24.0	29.0 / 48.0	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	-11.0	51.0 / 91.0	14.0	14.0 / 22.0	30.0	140.0 / 230.0	-0.9	4.8 / 8.3	-17.0	30.0 / 52.0	
	PARA	F	CS	8/16/2001 20:14:00	-8.0	54.0 / 95.0	-9.0	16.0 / 27.0	-170.0	140.0 / 240.0	1.1	4.8 / 8.0	10.0	30.0 / 50.0	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	14.0	52.0 / 88.0	-15.0	14.0 / 25.0	-19.0	57.0 / 98.0	-1.1	3.1 / 5.4	6.0	17.0 / 29.0	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	76.0	46.0 / 69.0	-5.0	13.0 / 22.0	-44.0	68.0 / 120.0	-1.2	3.1 / 5.4	4.0	18.0 / 31.0	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	33.0	64.0 / 110.0	6.0	16.0 / 27.0	-50.0	110.0 / 190.0	2.5	4.6 / 7.6	15.0	25.0 / 42.0	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	28.0	25.0 / 41.0	-4.4	9.9 / 17.0	37.0	39.0 / 63.0	-0.8	2.4 / 4.0	-5.0	14.0 / 24.0	
	PARA	UF	CS	8/16/2001 22:40:00	2.0	66.0 / 110.0	6.0	14.0 / 23.0	80.0	94.0 / 150.0	0.5	3.8 / 6.4	12.0	23.0 / 38.0	
Pueblo Canyon															
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	16.0	55.0 / 93.0	0.0	16.0 / 27.0	30.0	50.0 / 83.0	-1.6	3.7 / 6.4	1.0	22.0 / 37.0	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	-2.0	29.0 / 50.0	-22.0	11.0 / 17.0	-50.0	94.0 / 160.0	-2.9	2.7 / 4.6	0.0	16.0 / 27.0	

Table 9 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 2

	LAB	F/UF	CODE	DATE TIME	Bi-212 (pCi/L)	UNC MDA	Bi-214 (pCi/L)	UNC MDA	Cd-109 (pCi/L)	UNC MDA	Ce-139 (pCi/L)	UNC MDA	Ce-144 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed															
Pueblo Canyon															
PU-0.3	PARA	F	DUP	8/11/2001 15:56:00	-10.0	52.0 / 91.0	11.4	8.2 / 13.0	-70.0	110.0 / 200.0	-2.3	3.6 / 6.2	6.0	23.0 / 38.0	
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	54.0	53.0 / 85.0	-30.0	14.0 / 25.0	-80.0	140.0 / 230.0	0.1	4.9 / 8.3	0.0	31.0 / 52.0	
[illegible]	PARA	F	CS	8/16/2001 20:37:00	-10.0	64.0 / 110.0	19.0	11.0 / 16.0	-80.0	100.0 / 180.0	-0.9	4.4 / 7.5	-10.0	25.0 / 43.0	
	PARA	F	CS	8/16/2001 21:37:00	17.0	17.0 / 27.0	-19.0	10.0 / 16.0	55.0	55.0 / 89.0	-0.7	2.3 / 3.9	-2.0	14.0 / 24.0	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	-11.0	72.0 / 120.0	25.0	15.0 / 23.0	130.0	110.0 / 180.0	-0.9	4.2 / 7.1	-5.0	24.0 / 42.0	
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	75.0	40.0 / 61.0	24.0	10.0 / 16.0	188.0	84.0 / 130.0	-1.8	2.7 / 4.5	-12.0	17.0 / 28.0	Cd-109 nuclide and/or quantitation is tentative
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	58.0	65.0 / 100.0	17.0	15.0 / 24.0	110.0	120.0 / 190.0	-1.7	6.5 / 11.0	-43.0	37.0 / 65.0	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	59.0	53.0 / 83.0	-4.0	14.0 / 23.0	26.0	46.0 / 76.0	0.9	3.3 / 5.6	16.0	15.0 / 24.0	
[illegible]	PARA	UF	CS	8/16/2001 20:37:00	35.0	56.0 / 93.0	14.0	15.0 / 24.0	15.0	61.0 / 100.0	-0.6	3.3 / 5.7	4.0	18.0 / 31.0	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	85.0	47.0 / 67.0	-4.0	15.0 / 25.0	40.0	44.0 / 72.0	-3.1	3.3 / 5.7	-10.0	19.0 / 32.0	
Pajarito Watershed															
Pajarito Canyon															
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	70.0	57.0 / 88.0	5.0	11.0 / 18.0	-38.0	66.0 / 110.0	-0.6	3.5 / 6.1	6.0	19.0 / 33.0	

Table 9 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 2

	LAB	F/UF	CODE	DATE TIME	Bi-212 (pCi/L)	UNC MDA	Bi-214 (pCi/L)	UNC MDA	Cd-109 (pCi/L)	UNC MDA	Ce-139 (pCi/L)	UNC MDA	Ce-144 (pCi/L)	UNC MDA	Comments
Pajarito Watershed															
Pajarito Canyon															
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	28.0	36.0 / 58.0	15.0	10.0 / 16.0	28.0	80.0 / 130.0	-0.5	2.7 / 4.5	2.0	16.0 / 27.0	
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	31.0	57.0 / 95.0	7.0	11.0 / 18.0	4.0	67.0 / 110.0	2.8	3.9 / 6.4	10.0	20.0 / 34.0	
[illegible]	PARA	F	CS	8/5/2001 19:00:00	83.0	57.0 / 86.0	-3.0	15.0 / 25.0	-30.0	140.0 / 230.0	-4.4	5.1 / 8.9	1.0	30.0 / 51.0	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	39.0	66.0 / 110.0	12.0	18.0 / 29.0	40.0	110.0 / 190.0	2.5	4.9 / 8.2	1.0	25.0 / 43.0	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	45.0	64.0 / 110.0	-2.0	15.0 / 26.0	-50.0	110.0 / 180.0	0.3	4.7 / 8.0	-12.0	24.0 / 42.0	
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	31.0	54.0 / 90.0	-20.0	14.0 / 25.0	-110.0	140.0 / 240.0	0.6	5.2 / 8.8	4.0	32.0 / 54.0	Samples received at > 6 deg C
[illegible]	PARA	F	DUP	7/22/2001 18:25:00	35.0	57.0 / 95.0	-6.0	14.0 / 24.0	10.0	130.0 / 220.0	-2.3	4.9 / 8.4	-7.0	26.0 / 46.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	7.0	59.0 / 100.0	-7.0	14.0 / 24.0	-170.0	140.0 / 230.0	-1.7	4.6 / 7.9	12.0	27.0 / 45.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	34.0	57.0 / 94.0	14.6	9.3 / 14.0	-61.0	75.0 / 130.0	0.7	3.9 / 6.6	-21.0	21.0 / 38.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	27.0	54.0 / 91.0	-4.0	14.0 / 25.0	-160.0	140.0 / 240.0	3.7	5.2 / 8.5	-3.0	31.0 / 54.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	4.0	52.0 / 91.0	-9.0	14.0 / 25.0	30.0	170.0 / 280.0	3.9	5.1 / 8.3	7.0	31.0 / 52.0	Samples received at > 6 deg C

NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 2

	LAB	F/UF	CODE	DATE TIME	Bi-212 (pCi/L)	UNC MDA	Bi-214 (pCi/L)	UNC MDA	Cd-109 (pCi/L)	UNC MDA	Ce-139 (pCi/L)	UNC MDA	Ce-144 (pCi/L)	UNC MDA	Comments
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	22.0	59.0 / 100.0	0.0	14.0 / 23.0	33.0	51.0 / 85.0	-2.9	3.5 / 6.2	5.0	20.0 / 33.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	24.0	67.0 / 110.0	2.0	13.0 / 22.0	40.0	120.0 / 210.0	-2.1	4.2 / 7.2	11.0	24.0 / 40.0	Samples received at > 6 deg C
[illegible]	PARA	UF	CS	7/22/2001 19:00:00	46.0	50.0 / 80.0	18.0	12.0 / 22.0	46.0	58.0 / 95.0	3.4	3.8 / 6.2	10.0	20.0 / 33.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	57.0	38.0 / 60.0	25.0	10.0 / 16.0	42.0	93.0 / 150.0	-1.9	2.8 / 4.7	-2.0	17.0 / 28.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	45.0	50.0 / 81.0	-13.0	14.0 / 24.0	-73.0	68.0 / 120.0	2.0	3.4 / 5.6	-9.0	18.0 / 31.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	53.0	50.0 / 80.0	-5.0	14.0 / 23.0	-25.0	58.0 / 98.0	-1.3	3.4 / 5.8	17.0	19.0 / 31.0	Samples received at > 6 deg C

Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 18 for location details, if any

0 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	Co-56 (pCi/L)	UNC / MDA	Co-57 (pCi/L)	UNC / MDA	Co-58 (pCi/L)	UNC / MDA	Co-60 (pCi/L)	UNC / MDA	Cr-51 (pCi/L)	UNC / MDA	Cs-134 (pCi/L)	UNC / MDA	Cs-137 (pCi/L)	UNC / MDA	Comments
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	-1.0	11.0 / 20.0	2.2	2.9 / 4.8	-2.1	6.8 / 12.0	-2.3	3.5 / 6.7	30.0	220.0 / 370.0	0.6	3.9 / 6.7	4.8	3.9 / 6.2	
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	-2.0	15.0 / 26.0	-0.6	3.7 / 6.4	-2.3	7.8 / 14.0	3.4	4.4 / 7.2	-10.0	180.0 / 310.0	-2.9	6.9 / 12.0	-1.5	4.3 / 7.7	
	PARA	F	DUP	7/2/2001 20:27:00	9.0	15.0 / 25.0	2.4	3.8 / 6.3	2.9	7.8 / 13.0	2.1	4.4 / 7.5	50.0	190.0 / 320.0	2.3	7.5 / 12.0	-1.9	4.2 / 7.5	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	-1.0	16.0 / 27.0	-0.5	4.0 / 6.8	1.4	8.2 / 14.0	-1.1	4.5 / 8.2	80.0	180.0 / 290.0	0.5	5.0 / 8.6	14.4	5.2 / 6.3	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	1.0	16.0 / 27.0	2.7	4.0 / 6.6	-1.1	8.8 / 15.0	-1.0	5.0 / 8.9	-20.0	210.0 / 360.0	-7.3	7.6 / 13.0	1.2	4.4 / 7.6	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	6.0	15.0 / 25.0	-0.6	2.2 / 3.7	-3.8	8.5 / 15.0	-7.8	5.2 / 10.0	-80.0	170.0 / 290.0	2.6	4.5 / 7.5	3.1	4.2 / 6.9	
	PARA	F	CS	8/16/2001 22:40:00	1.0	12.0 / 20.0	-0.7	2.0 / 3.4	2.7	6.6 / 11.0	-0.9	4.1 / 7.4	-80.0	170.0 / 290.0	-1.0	3.9 / 6.7	0.0	3.6 / 6.2	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	15.0	18.0 / 29.0	-1.3	3.3 / 5.7	-4.6	9.0 / 16.0	-0.4	5.1 / 9.2	130.0	220.0 / 370.0	-3.8	5.2 / 9.4	5.6	5.3 / 8.4	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	-1.2	9.1 / 15.0	-0.6	1.9 / 3.1	-0.2	4.1 / 7.0	0.8	2.1 / 3.6	-200.0	120.0 / 200.0	0.7	3.4 / 5.7	8.6	2.5 / 3.0	
Pueblo Canyon																			
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	13.0	14.0 / 23.0	-0.4	2.3 / 3.9	7.3	7.9 / 13.0	4.9	4.6 / 7.1	-40.0	210.0 / 370.0	-3.8	4.3 / 7.7	-4.0	4.3 / 7.8	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	2.0	12.0 / 19.0	-0.4	2.1 / 3.6	0.6	4.7 / 7.9	-1.4	2.6 / 4.6	-110.0	130.0 / 220.0	5.2	3.7 / 5.6	-1.7	2.5 / 4.3	

Table 10 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	Co-56 (pCi/L)	UNC MDA	Co-57 (pCi/L)	UNC MDA	Co-58 (pCi/L)	UNC MDA	Co-60 (pCi/L)	UNC MDA	Cr-51 (pCi/L)	UNC MDA	Cs-134 (pCi/L)	UNC MDA	Cs-137 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed																			
Pueblo Canyon																			
PU-0.3	PARA	F	DUP	8/11/2001 15:56:00	5.0	12.0 / 20.0	0.0	3.0 / 5.1	-0.1	7.2 / 13.0	0.5	4.0 / 7.1	100.0	210.0 / 350.0	-0.9	3.8 / 6.7	0.6	4.0 / 6.8	
	PARA	F	CS	8/11/2001 17:17:00	7.0	18.0 / 30.0	2.4	3.9 / 6.4	-0.6	8.6 / 15.0	-2.6	5.1 / 9.2	-70.0	240.0 / 410.0	-3.3	7.3 / 13.0	-2.1	4.0 / 7.2	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	16.0	16.0 / 25.0	-0.6	3.1 / 5.4	-4.1	9.0 / 16.0	3.1	5.5 / 9.2	10.0	210.0 / 360.0	-12.3	5.8 / 10.0	-3.9	4.8 / 8.7	
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	10.9	7.0 / 11.0	0.3	1.8 / 3.0	-1.0	5.8 / 9.8	-0.3	2.2 / 3.8	-71.0	99.0 / 170.0	0.6	3.4 / 5.7	-1.6	2.0 / 3.5	Co-56 nuclide identification is tentative
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	13.0	15.0 / 24.0	-1.3	3.4 / 5.8	-10.5	8.2 / 15.0	-2.7	4.0 / 7.5	30.0	250.0 / 420.0	-5.0	4.1 / 7.4	22.0	6.1 / 6.2	
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	11.0	11.0 / 17.0	0.5	2.1 / 3.5	3.4	4.6 / 7.6	0.5	2.3 / 3.8	-120.0	190.0 / 330.0	2.2	2.0 / 3.2	43.6	7.8 / 3.3	
	PARA	UF	CS	8/11/2001 15:56:00	8.0	24.0 / 40.0	-2.1	4.8 / 8.3	-15.0	15.0 / 27.0	-4.4	5.6 / 10.0	460.0	760.0 / 200.0	-4.5	8.1 / 14.0	21.4	6.5 / 7.1	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	17.0	13.0 / 20.0	-3.6	2.6 / 4.5	-3.1	7.4 / 13.0	0.4	4.4 / 7.6	-40.0	220.0 / 380.0	-2.2	3.9 / 6.8	7.6	4.5 / 6.8	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	-5.0	21.0 / 37.0	0.2	2.2 / 3.8	1.6	9.2 / 16.0	0.0	5.6 / 9.9	-190.0	200.0 / 360.0	-4.3	4.4 / 7.9	10.1	5.2 / 7.4	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	12.0	13.0 / 21.0	-1.0	2.6 / 4.4	-4.4	7.2 / 13.0	1.1	4.2 / 7.2	20.0	190.0 / 330.0	-2.8	3.7 / 6.5	3.9	3.4 / 5.4	
[illegible] Watershed																			
[illegible] Canyon																			
[illegible]	PARA	F	CS	8/5/2001 17:00:00	4.0	19.0 / 33.0	-1.2	2.6 / 4.5	1.0	10.0 / 18.0	1.0	5.7 / 10.0	-110.0	240.0 / 430.0	-6.1	5.1 / 9.3	0.4	5.0 / 8.8	

Table 10 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	Co-56 (pCi/L)	UNC MDA	Co-57 (pCi/L)	UNC MDA	Co-58 (pCi/L)	UNC MDA	Co-60 (pCi/L)	UNC MDA	Cr-51 (pCi/L)	UNC MDA	Cs-134 (pCi/L)	UNC MDA	Cs-137 (pCi/L)	UNC MDA	Comments
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	11.0	12.0 / 20.0	-0.9	2.1 / 3.5	-3.6	7.2 / 12.0	-1.5	2.3 / 4.0	100.0	160.0 / 260.0	2.6	2.0 / 3.7	65.0	11.0 / 3.4	
[illegible]	PARA	F	CS	8/5/2001 18:00:00	-1.0	19.0 / 33.0	0.5	2.5 / 4.3	3.0	11.0 / 19.0	2.7	5.8 / 9.9	30.0	240.0 / 420.0	0.7	5.2 / 8.9	1.0	4.7 / 8.1	
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	2.0	18.0 / 31.0	-0.2	4.1 / 7.0	3.0	9.5 / 16.0	-1.7	4.5 / 8.2	-200.0	260.0 / 470.0	1.7	7.2 / 12.0	-0.3	4.5 / 7.8	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	-2.0	18.0 / 32.0	0.2	3.2 / 5.4	-3.0	9.7 / 17.0	0.1	5.6 / 10.0	20.0	290.0 / 490.0	-3.0	7.5 / 13.0	11.3	5.3 / 7.2	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	-2.0	18.0 / 32.0	-0.9	3.2 / 5.5	-2.0	10.0 / 18.0	1.8	5.3 / 9.1	-90.0	300.0 / 520.0	-6.0	5.3 / 9.4	3.9	5.0 / 8.2	
[illegible] Watershed																			
[illegible]	PARA	F	CS	7/22/2001 18:25:00	0.0	20.0 / 35.0	-0.3	4.1 / 7.0	-8.0	11.0 / 20.0	0.8	5.2 / 9.1	-370.0	370.0 / 660.0	-4.8	7.8 / 14.0	-0.4	4.2 / 7.4	Samples received at > 6 deg C
WA-2.9	PARA	F	DUP	7/22/2001 18:25:00	-5.0	15.0 / 28.0	-0.6	3.7 / 6.4	3.2	9.6 / 16.0	-0.6	4.6 / 8.4	120.0	390.0 / 660.0	-2.9	4.8 / 8.6	1.2	4.2 / 7.3	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	18.0	15.0 / 24.0	-0.6	3.4 / 5.9	-10.1	9.6 / 18.0	3.4	4.6 / 7.6	20.0	370.0 / 630.0	-5.6	5.0 / 9.0	4.1	5.1 / 8.3	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	6.0	16.0 / 27.0	2.1	2.4 / 3.9	-6.8	9.3 / 17.0	-5.4	5.1 / 9.7	-310.0	260.0 / 460.0	-1.9	4.6 / 8.0	1.9	4.4 / 7.5	Samples received at > 6 deg C
	PARA	F	CS	8/3/2001 14:14:00	12.0	17.0 / 27.0	4.9	4.2 / 6.6	-8.0	10.0 / 18.0	-1.1	5.1 / 9.0	-130.0	280.0 / 490.0	-0.8	7.1 / 12.0	0.9	4.0 / 6.9	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	-17.0	18.0 / 33.0	1.3	3.9 / 6.6	-4.8	9.8 / 18.0	-2.0	4.3 / 8.0	90.0	270.0 / 460.0	6.7	7.8 / 12.0	-6.3	4.4 / 8.2	Samples received at > 6 deg C

Table 10 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	Co-56 (pCi/L)	UNC MDA	Co-57 (pCi/L)	UNC MDA	Co-58 (pCi/L)	UNC MDA	Co-60 (pCi/L)	UNC MDA	Cr-51 (pCi/L)	UNC MDA	Cs-134 (pCi/L)	UNC MDA	Cs-137 (pCi/L)	UNC MDA	Comments
Water Canyon Watershed																			
Water Canyon																			
)	PARA	UF	CS	7/22/2001 18:25:00	2.0	19.0 / 33.0	-1.1	2.4 / 4.2	7.0	11.0 / 18.0	-2.0	5.4 / 9.9	-30.0	340.0 / 590.0	-2.8	4.4 / 7.8	14.4	5.5 / 7.1	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	10.0	14.0 / 24.0	0.6	3.2 / 5.3	1.8	9.0 / 16.0	-0.3	4.0 / 7.2	130.0	370.0 / 620.0	0.2	4.0 / 6.9	11.8	4.5 / 5.6	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	5.0	16.0 / 26.0	-1.5	2.2 / 3.8	-3.4	8.9 / 16.0	0.9	4.2 / 7.3	70.0	320.0 / 540.0	0.3	3.7 / 6.4	15.6	5.4 / 6.8	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	8.0	12.0 / 20.0	0.5	2.2 / 3.6	-5.8	5.0 / 8.7	0.2	2.4 / 4.0	60.0	150.0 / 250.0	1.8	1.8 / 2.8	58.0	10.0 / 3.8	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	3.0	23.0 / 40.0	-0.8	2.3 / 3.9	-1.0	10.0 / 18.0	-0.3	5.1 / 9.2	-60.0	250.0 / 440.0	-3.0	4.4 / 7.9	8.0	4.6 / 6.7	Samples received at > 6 deg C
)	PARA	UF	CS	8/3/2001 15:59:00	0.0	14.0 / 25.0	0.6	2.6 / 4.4	2.2	7.6 / 13.0	-1.1	3.9 / 7.0	60.0	240.0 / 410.0	-0.8	3.8 / 6.6	3.7	3.5 / 5.5	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 18 for location details, if any

Table 11 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 4

STATION NAME	LAB	F/UF	CODE	DATE TIME	Eu-152 (pCi/L)	UNC MDA	Eu-154 (pCi/L)	UNC MDA	Eu-155 (pCi/L)	UNC MDA	Fe-59 (pCi/L)	UNC MDA	H-3 (pCi/L)	UNC MDL	I-131 (pCi/L)	UNC MDA	K-40 (pCi/L)	UNC MDA	Comments
[illegible] Watershed																			
[illegible] Canyon																			
[illegible]	PARA	F	CS	7/2/2001 20:27:00	9.0	32.0 / 55.0	-22.0	25.0 / 46.0	7.0	14.0 / 24.0	9.0	21.0 / 36.0	NA		0.0	1,600.0 / 2,800.0	37.0	68.0 / 110.0	
LA-5.0	PARA	F	DUP	7/2/2001 20:27:00	0.0	32.0 / 57.0	10.0	24.0 / 40.0	-4.0	15.0 / 25.0	-1.0	24.0 / 41.0	NA		-700.0	1,700.0 / 2,900.0	43.0	70.0 / 120.0	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	20.0	32.0 / 53.0	15.0	23.0 / 37.0	6.0	15.0 / 25.0	1.0	24.0 / 42.0	NA		-600.0	1,700.0 / 3,000.0	68.0	73.0 / 120.0	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	8.0	30.0 / 52.0	-10.0	22.0 / 40.0	-6.0	15.0 / 26.0	-19.0	27.0 / 50.0	NA		1,400.0	2,700.0 / 4,500.0	43.0	76.0 / 130.0	I-131 data are not useable
	PARA	F	CS	8/16/2001 21:10:00	-21.0	34.0 / 64.0	24.0	26.0 / 43.0	-1.5	7.2 / 12.0	-21.0	26.0 / 50.0	NA		-2,500.0	3,700.0 / 6,400.0	68.0	92.0 / 150.0	I-131 data are not useable
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	-14.0	26.0 / 48.0	-22.0	22.0 / 40.0	3.9	6.7 / 11.0	16.0	24.0 / 39.0	NA		1,000.0	2,200.0 / 3,600.0	21.0	73.0 / 120.0	I-131 data are not useable
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	14.0	41.0 / 70.0	-16.0	29.0 / 53.0	0.0	12.0 / 21.0	-11.0	31.0 / 56.0	NA		-3,800.0	4,300.0 / 7,600.0	60.0	120.0 / 190.0	I-131 data are not useable
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	8.0	16.0 / 27.0	-3.0	12.0 / 20.0	-6.4	7.3 / 12.0	-5.0	13.0 / 22.0	NA		-1,400.0	2,000.0 / 3,400.0	102.0	51.0 / 76.0	I-131 data are not useable
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	4.0	25.0 / 43.0	-5.0	20.0 / 36.0	4.0	11.0 / 19.0	6.0	25.0 / 42.0	NA		-1,700.0	3,800.0 / 6,600.0	42.0	74.0 / 120.0	I-131 data are not useable
Canyon																			
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	22.0	29.0 / 47.0	-12.0	22.0 / 41.0	-1.0	7.8 / 13.0	19.0	28.0 / 47.0	NA		1,300.0	3,700.0 / 6,300.0	69.0	84.0 / 140.0	I-131 data are not useable
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	1.0	18.0 / 30.0	17.0	14.0 / 22.0	-3.3	8.2 / 14.0	-2.0	15.0 / 26.0	NA		400.0	2,100.0 / 3,600.0	3.0	49.0 / 81.0	I-131 data are not useable
PU-0.3	PARA	F	DUP	8/11/2001 15:56:00	-29.0	24.0 / 47.0	-3.0	20.0 / 36.0	-3.0	11.0 / 19.0	-22.0	22.0 / 41.0	NA		1,500.0	3,400.0 / 5,600.0	26.0	75.0 / 130.0	I-131 data are not useable

Table 11 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 4

STATION NAME	LAB	F/UF	CODE	DATE TIME	Eu-152 (pCi/L)	UNC MDA	Eu-154 (pCi/L)	UNC MDA	Eu-155 (pCi/L)	UNC MDA	Fe-59 (pCi/L)	UNC MDA	H-3 (pCi/L)	UNC MDL	I-131 (pCi/L)	UNC MDA	K-40 (pCi/L)	UNC MDA	Comments
Watershed																			
Canyon																			
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	-21.0	35.0 / 65.0	-17.0	26.0 / 48.0	1.0	14.0 / 25.0	29.0	28.0 / 45.0	NA		-2,000.0	4,100.0 / 7,300.0	39.0	75.0 / 120.0	I-131 data are not useable
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	14.0	36.0 / 62.0	-30.0	32.0 / 58.0	10.0	13.0 / 21.0	6.0	30.0 / 51.0	NA		-1,400.0	2,800.0 / 4,900.0	50.0	110.0 / 180.0	I-131 data are not useable
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	-6.0	16.0 / 28.0	-5.0	16.0 / 28.0	-0.2	6.9 / 12.0	11.0	13.0 / 21.0	NA		0.0	1,300.0 / 2,200.0	22.0	46.0 / 76.0	I-131 data are not useable
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	11.0	26.0 / 44.0	-17.0	20.0 / 38.0	8.1	8.1 / 13.0	2.0	25.0 / 44.0	NA		1,800.0	5,500.0 / 9,200.0	400.0	110.0 / 120.0	I-131 data are not useable
	PARA	UF	DUP	8/11/2001 14:58:00	20.0	17.0 / 27.0	-2.0	12.0 / 21.0	-1.2	7.9 / 13.0	-4.0	16.0 / 27.0	NA		-200.0	3,500.0 / 5,900.0	740.0	140.0 / 77.0	I-131 data are not useable
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	3.0	36.0 / 63.0	7.0	24.0 / 42.0	0.0	17.0 / 28.0	-19.0	57.0 / 00.0	NA		-30,000.0	190,000.0 / 330,000.0	320.0	100.0 / 120.0	I-131 data are not useable
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	21.0	28.0 / 46.0	-10.0	21.0 / 37.0	-0.9	6.7 / 11.0	33.0	28.0 / 44.0	NA		-1,400.0	5,300.0 / 9,100.0	85.0	80.0 / 130.0	I-131 data are not useable
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	0.0	36.0 / 64.0	-19.0	25.0 / 47.0	-1.8	7.5 / 13.0	-5.0	30.0 / 53.0	NA		1,000.0	4,400.0 / 7,400.0	300.0	120.0 / 150.0	I-131 data are not useable
	PARA	UF	CS	8/16/2001 21:37:00	-8.0	25.0 / 45.0	-22.0	21.0 / 39.0	1.6	7.0 / 12.0	-3.0	25.0 / 43.0	NA		-2,200.0	3,900.0 / 6,700.0	141.0	86.0 / 130.0	I-131 data are not useable
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	14.0	38.0 / 66.0	-23.0	31.0 / 58.0	-1.1	8.3 / 14.0	22.0	37.0 / 62.0	NA		700.0	9,400.0 / 16,000.0	148.0	81.0 / 110.0	I-131 data are not useable
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	11.0	10.0 / 16.0	5.0	12.0 / 21.0	5.2	7.7 / 13.0	-5.0	17.0 / 28.0	NA		1,900.0	4,900.0 / 8,100.0	720.0	130.0 / 76.0	I-131 data are not useable

Table 11 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 4

STATION NAME	LAB	F/UF	CODE	DATE TIME	Eu-152 (pCi/L)	UNC MDA	Eu-154 (pCi/L)	UNC MDA	Eu-155 (pCi/L)	UNC MDA	Fe-59 (pCi/L)	UNC MDA	H-3 (pCi/L)	UNC MDL	I-131 (pCi/L)	UNC MDA	K-40 (pCi/L)	UNC MDA	Comments
[illegible]ito Watershed																			
Pajarito Canyon																			
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	7.0	37.0 / 65.0	-3.0	31.0 / 55.0	4.3	8.4 / 14.0	20.0	37.0 / 63.0	NA	____	-6,400.0	9,400.0 / 16,000.0	-21.0	89.0 / 160.0	I-131 data are not useable
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	16.0	33.0 / 56.0	-3.0	24.0 / 42.0	3.0	15.0 / 25.0	15.0	31.0 / 53.0	NA	____	-500.0	6,400.0 / 11,000.0	6.0	68.0 / 120.0	I-131 data are not useable
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	30.0	35.0 / 56.0	-3.0	30.0 / 52.0	-2.0	12.0 / 21.0	29.0	37.0 / 60.0	NA	____	-8,400.0	7,700.0 / 14,000.0	190.0	120.0 / 190.0	I-131 data are not useable
[illegible]	PARA	UF	CS	8/5/2001 19:00:00	-9.0	38.0 / 68.0	6.0	30.0 / 52.0	-2.0	13.0 / 22.0	-20.0	37.0 / 67.0	NA	____	-4,700.0	9,700.0 / 17,000.0	20.0	110.0 / 190.0	I-131 data are not useable
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	10.0	34.0 / 58.0	7.0	25.0 / 43.0	-1.0	15.0 / 26.0	50.0	36.0 / 55.0	NA	____	11,000.0	21,000.0 / 34,000.0	8.0	70.0 / 120.0	Samples received at > 6 deg C
WA-2.9	PARA	F	DUP	7/22/2001 18:25:00	-4.0	27.0 / 50.0	-8.0	25.0 / 45.0	-2.0	13.0 / 22.0	25.0	36.0 / 60.0	NA	____	12,000.0	20,000.0 / 33,000.0	-21.0	77.0 / 130.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	2.0	30.0 / 53.0	0.0	23.0 / 42.0	3.0	13.0 / 22.0	-2.0	33.0 / 59.0	NA	____	12,000.0	19,000.0 / 32,000.0	7.0	83.0 / 140.0	Samples received at > 6 deg C
[illegible]	PARA	F	CS	8/3/2001 13:54:00	17.0	33.0 / 56.0	-26.0	24.0 / 46.0	-2.4	7.7 / 13.0	-8.0	31.0 / 55.0	NA	____	-3,400.0	7,300.0 / 13,000.0	71.0	80.0 / 130.0	Samples received at > 6 deg C/I-131 data are not useable
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	4.0	36.0 / 62.0	-7.0	22.0 / 40.0	4.0	15.0 / 25.0	-2.0	31.0 / 54.0	NA	____	3,300.0	7,300.0 / 12,000.0	-5.0	73.0 / 130.0	Samples received at > 6 deg C/I-131 data are not useable
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	-20.0	35.0 / 63.0	-3.0	23.0 / 41.0	1.0	14.0 / 24.0	-6.0	31.0 / 55.0	NA	____	-4,200.0	7,500.0 / 13,000.0	-67.0	69.0 / 120.0	Samples received at > 6 deg C/I-131 data are not useable
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	-10.0	35.0 / 64.0	-30.0	25.0 / 47.0	2.7	7.5 / 13.0	-3.0	41.0 / 72.0	NA	____	4,000.0	36,000.0 / 60,000.0	180.0	100.0 / 150.0	Samples received at > 6 deg C

Table 11 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 4

STATION ID	LAB	F/UF	CODE	DATE TIME	Eu-152 (pCi/L)	UNC MDA	Eu-154 (pCi/L)	UNC MDA	Eu-155 (pCi/L)	UNC MDA	Fe-59 (pCi/L)	UNC MDA	H-3 (pCi/L)	UNC MDL	I-131 (pCi/L)	UNC MDA	K-40 (pCi/L)	UNC MDA	Comments
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	19.0	24.0 / 39.0	-7.0	21.0 / 38.0	1.0	12.0 / 20.0	-13.0	32.0 / 58.0	NA	____	-18,000.0	27,000.0 / 48,000.0	142.0	81.0 / 120.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	5.0	29.0 / 50.0	-4.0	20.0 / 36.0	-5.4	7.0 / 12.0	16.0	35.0 / 59.0	NA	____	-4,000.0	21,000.0 / 36,000.0	225.0	88.0 / 120.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	11.0	17.0 / 28.0	-10.0	17.0 / 29.0	-1.6	7.8 / 13.0	-2.0	17.0 / 29.0	NA	____	-1,200.0	4,800.0 / 8,200.0	790.0	140.0 / 75.0	Samples received at > 6 deg C/I-131 data are not useable
)	PARA	UF	CS	8/3/2001 14:14:00	-2.0	35.0 / 63.0	-29.0	25.0 / 48.0	5.6	5.6 / 9.1	-16.0	34.0 / 62.0	NA	____	4,000.0	10,000.0 / 17,000.0	140.0	100.0 / 160.0	Samples received at > 6 deg C/I-131 data are not useable
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	-8.0	27.0 / 49.0	4.0	22.0 / 38.0	-1.2	6.9 / 12.0	29.0	31.0 / 50.0	NA	____	-7,100.0	9,400.0 / 16,000.0	98.0	81.0 / 130.0	Samples received at > 6 deg C/I-131 data are not useable

NOTE: Uncertainty is 2 sigma
If result is less than MDA or MDL it is considered a non-detect

See Table 18 for location details, if any

Table 12 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 5

SITE	LAB	F/UF	CODE	DATE TIME	Mn-54 (pCi/L)	UNC MDA	Na-22 (pCi/L)	UNC MDA	Nb-94 (pCi/L)	UNC MDA	Nb-95 (pCi/L)	UNC MDA	Pa-234M (pCi/L)	UNC MDA	Pb-212 (pCi/L)	UNC MDA	Pb-214 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	-3.0	4.2 / 7.6	0.0	3.7 / 6.5	0.7	3.7 / 6.3	0.0	8.2 / 14.0	530.0	560.0 / 900.0	8.5	9.5 / 15.0	0.0	11.0 / 19.0	
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	-0.9	4.8 / 8.5	-2.1	4.2 / 7.7	-1.2	4.1 / 7.3	-1.3	9.9 / 17.0	-50.0	860.0 / 1,500.0	4.0	9.0 / 15.0	3.0	13.0 / 21.0	
[illegible]	PARA	F	DUP	7/2/2001 20:27:00	-2.4	4.9 / 8.8	-1.5	4.5 / 8.1	-0.1	4.2 / 7.3	8.0	10.0 / 17.0	-30.0	870.0 / 1,500.0	2.6	9.7 / 16.0	-1.0	13.0 / 23.0	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	-1.4	5.0 / 8.9	0.1	4.8 / 8.5	0.7	4.2 / 7.1	-1.0	10.0 / 18.0	-120.0	870.0 / 1,500.0	1.4	8.7 / 15.0	9.0	13.0 / 21.0	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	3.0	5.0 / 8.2	-4.4	5.0 / 9.2	1.7	4.3 / 7.2	6.6	9.8 / 16.0	240.0	660.0 / 1,100.0	0.3	7.4 / 13.0	3.0	14.0 / 23.0	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	0.2	4.8 / 8.4	4.2	5.8 / 9.5	-0.3	4.1 / 7.1	7.5	9.6 / 16.0	-380.0	740.0 / 1,400.0	-0.1	8.1 / 14.0	-19.0	13.0 / 21.0	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	-3.3	4.1 / 7.4	-0.1	3.8 / 6.8	-0.1	3.6 / 6.2	-1.8	8.1 / 14.0	70.0	620.0 / 1,100.0	-4.5	8.1 / 14.0	4.5	7.0 / 11.0	
[illegible]	PARA	UF	CS	8/16/2001 20:14:00	4.8	5.8 / 9.5	-8.3	6.4 / 12.0	1.8	4.9 / 8.3	6.0	11.0 / 18.0	0.0	790.0 / 1,400.0	11.0	11.0 / 18.0	-1.0	15.0 / 26.0	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	-0.9	2.5 / 4.2	-3.5	2.3 / 4.1	0.5	2.0 / 3.3	-8.5	7.2 / 12.0	10.0	570.0 / 960.0	12.3	6.1 / 9.4	5.0	7.4 / 15.0	
Pueblo Canyon																			
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	-5.8	4.9 / 9.1	0.2	4.8 / 8.6	2.7	4.5 / 7.4	-3.4	9.3 / 17.0	0.0	670.0 / 1,200.0	1.8	9.0 / 15.0	-1.0	11.0 / 18.0	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	-1.5	2.8 / 4.8	-0.9	2.6 / 4.6	-0.4	2.3 / 3.9	-4.9	7.9 / 14.0	220.0	420.0 / 690.0	4.3	5.8 / 9.5	-3.0	9.1 / 15.0	
	PARA	F	DUP	8/11/2001 15:56:00	0.1	4.0 / 7.0	1.5	4.3 / 7.3	3.1	3.8 / 6.2	-1.0	8.2 / 14.0	50.0	790.0 / 1,400.0	1.5	9.3 / 16.0	3.8	7.2 / 12.0	

- NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 5

STATION NAME	LAB	F/UF	CODE	DATE TIME	Mn-54 (pCi/L)	UNC MDA	Na-22 (pCi/L)	UNC MDA	Nb-94 (pCi/L)	UNC MDA	Nb-95 (pCi/L)	UNC MDA	Pa-234M (pCi/L)	UNC MDA	Pb-212 (pCi/L)	UNC MDA	Pb-214 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed																			
Pueblo Canyon																			
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	1.8	5.0 / 8.4	-1.1	4.7 / 8.5	0.7	4.1 / 7.1	3.2	9.1 / 15.0	290.0	740.0 / 1,300.0	-4.4	8.0 / 14.0	-1.0	13.0 / 22.0	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	-3.3	5.8 / 10.0	-4.4	6.0 / 11.0	-1.0	5.2 / 9.0	6.0	10.0 / 17.0	710.0	870.0 / 1,400.0	3.0	11.0 / 18.0	2.4	8.7 / 15.0	
[illegible]	PARA	F	CS	8/16/2001 21:37:00	-1.2	2.3 / 4.0	-0.3	2.3 / 3.9	-2.2	2.1 / 3.6	-6.6	6.8 / 12.0	300.0	300.0 / 490.0	3.8	5.2 / 8.5	-10.9	8.6 / 14.0	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	-1.0	4.3 / 7.6	2.2	4.2 / 7.1	-0.5	4.0 / 6.9	-3.4	9.1 / 16.0	280.0	560.0 / 940.0	46.0	13.0 / 15.0	24.0	11.0 / 21.0	
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	1.4	2.5 / 4.2	-0.8	2.5 / 4.3	1.2	2.1 / 3.5	-8.2	7.8 / 13.0	380.0	360.0 / 580.0	71.0	14.0 / 10.0	44.0	11.0 / 15.0	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	1.9	6.2 / 11.0	-1.6	5.2 / 9.4	-1.2	4.3 / 7.6	-21.0	25.0 / 45.0	-130.0	790.0 / 1,400.0	35.0	13.0 / 17.0	23.0	12.0 / 22.0	
[illegible]	PARA	UF	CS	8/11/2001 17:17:00	-1.0	4.1 / 7.2	0.3	4.0 / 7.0	-0.1	3.7 / 6.4	-1.7	8.7 / 15.0	730.0	630.0 / 990.0	12.0	8.5 / 13.0	-8.0	11.0 / 19.0	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	1.2	5.1 / 8.8	-4.5	5.4 / 10.0	6.3	4.0 / 6.1	-1.0	10.0 / 18.0	200.0	1,100.0 / 1,900.0	20.0	10.0 / 16.0	1.0	14.0 / 24.0	Nb-94 nuclide identification is tentative
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	1.5	3.9 / 6.6	0.4	4.1 / 7.2	2.1	3.8 / 6.3	2.1	8.3 / 14.0	490.0	590.0 / 960.0	10.2	8.4 / 13.0	-3.0	12.0 / 20.0	
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	-2.9	5.9 / 11.0	1.7	5.5 / 9.5	1.8	4.5 / 7.6	-4.0	12.0 / 22.0	790.0	860.0 / 1,400.0	1.4	8.7 / 15.0	-10.0	12.0 / 21.0	
[illegible]	PARA	UF	CS	8/5/2001 17:00:00	1.3	2.6 / 4.2	0.2	2.5 / 4.2	-0.9	2.1 / 3.6	8.0	7.8 / 12.0	-40.0	590.0 / 990.0	48.0	10.0 / 10.0	24.9	8.6 / 15.0	
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	1.1	6.1 / 11.0	-2.0	5.9 / 11.0	2.1	4.6 / 7.7	-5.0	13.0 / 23.0	-130.0	860.0 / 1,500.0	3.8	7.1 / 12.0	-9.0	12.0 / 21.0	

12 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 5

STATION NAME	LAB	F/UF	CODE	DATE TIME	Mn-54 (pCi/L)	UNC / MDA	Na-22 (pCi/L)	UNC / MDA	Nb-94 (pCi/L)	UNC / MDA	Nb-95 (pCi/L)	UNC / MDA	Pa-234M (pCi/L)	UNC / MDA	Pb-212 (pCi/L)	UNC / MDA	Pb-214 (pCi/L)	UNC / MDA	Comments
Pajarito Watershed																			
Pajarito Canyon																			
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	0.9	5.0 / 8.7	-1.9	4.9 / 8.9	0.8	4.1 / 7.1	-3.0	10.0 / 18.0	70.0	720.0 / 1,200.0	-4.7	8.4 / 15.0	-4.0	13.0 / 23.0	
[illegible]	PARA	UF	CS	8/5/2001 18:00:00	0.0	5.7 / 9.9	2.1	6.0 / 10.0	-2.0	5.1 / 8.9	6.0	12.0 / 20.0	200.0	830.0 / 1,400.0	12.0	11.0 / 17.0	5.0	16.0 / 27.0	
[illegible]	PARA	UF	CS	8/5/2001 19:00:00	1.9	5.6 / 9.6	2.8	5.5 / 9.2	-1.4	5.0 / 8.7	4.0	12.0 / 20.0	570.0	820.0 / 1,300.0	7.0	11.0 / 17.0	-1.0	15.0 / 25.0	
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	-0.7	5.2 / 9.2	-2.5	4.8 / 8.8	0.8	4.0 / 6.9	-1.0	12.0 / 20.0	-290.0	740.0 / 1,300.0	6.0	12.0 / 20.0	-1.0	13.0 / 22.0	Samples received at > 6 deg C
WA-2.9	PARA	F	DUP	7/22/2001 18:25:00	-1.0	4.8 / 8.6	0.9	4.8 / 8.5	0.5	4.1 / 7.1	0.0	12.0 / 21.0	90.0	870.0 / 1,500.0	0.0	10.0 / 17.0	-6.0	13.0 / 22.0	Samples received at > 6 deg C
[illegible]	PARA	F	CS	7/22/2001 19:00:00	1.2	5.1 / 8.7	-1.6	5.0 / 9.2	1.4	4.4 / 7.5	2.0	11.0 / 19.0	-50.0	850.0 / 1,500.0	-2.3	8.6 / 15.0	0.0	13.0 / 23.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	1.5	4.8 / 8.2	3.8	4.7 / 7.6	-1.4	4.4 / 7.7	10.0	11.0 / 17.0	1,090.0	760.0 / 1,100.0	-1.1	9.3 / 16.0	-2.0	11.0 / 18.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	0.3	4.7 / 8.3	0.8	4.7 / 8.1	-1.6	4.5 / 7.9	2.0	11.0 / 19.0	440.0	650.0 / 1,100.0	1.6	8.2 / 14.0	6.0	13.0 / 22.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	-0.9	5.2 / 9.2	3.7	4.5 / 7.3	0.5	4.1 / 7.0	2.0	11.0 / 18.0	610.0	660.0 / 1,100.0	1.8	8.0 / 14.0	4.0	13.0 / 22.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	-0.5	5.7 / 10.0	2.5	5.5 / 9.4	1.6	4.0 / 6.7	-6.0	13.0 / 23.0	90.0	720.0 / 1,300.0	16.3	9.3 / 14.0	-1.0	13.0 / 21.0	Samples received at > 6 deg C
[illegible]	PARA	UF	DUP	7/22/2001 18:25:00	2.8	4.1 / 6.8	0.9	4.0 / 6.9	-0.3	3.8 / 6.6	6.0	10.0 / 17.0	-200.0	630.0 / 1,100.0	17.0	10.0 / 16.0	-3.0	11.0 / 19.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	-2.1	4.4 / 7.9	1.2	4.0 / 7.0	0.3	3.9 / 6.6	-3.0	11.0 / 19.0	350.0	610.0 / 1,000.0	21.0	10.0 / 15.0	15.1	9.6 / 18.0	Samples received at > 6 deg C

Table 12 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 5

STATION NAME	LAB	F/UF	CODE	DATE TIME	Mn-54 (pCi/L)	UNC / MDA	Na-22 (pCi/L)	UNC / MDA	Nb-94 (pCi/L)	UNC / MDA	Nb-95 (pCi/L)	UNC / MDA	Pa-234M (pCi/L)	UNC / MDA	Pb-212 (pCi/L)	UNC / MDA	Pb-214 (pCi/L)	UNC / MDA	Comments
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	0.5	2.6 / 4.4	1.3	2.5 / 4.1	-1.9	2.1 / 3.5	13.6	7.6 / 11.0	340.0	350.0 / 570.0	62.0	12.0 / 9.6	36.7	9.8 / 15.0	Samples received at > 6 deg C/Nb-95 nuclide identification is tentative
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	2.4	5.3 / 9.0	-0.3	5.1 / 9.2	0.7	4.2 / 7.1	9.0	11.0 / 18.0	-600.0	1,100.0 / 1,900.0	7.4	9.3 / 15.0	-27.0	13.0 / 22.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	0.4	4.0 / 6.9	3.2	3.9 / 6.3	0.5	3.4 / 5.8	-2.5	8.7 / 15.0	-70.0	630.0 / 1,100.0	7.1	8.1 / 13.0	-13.0	11.0 / 19.0	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 18 for location details, if any

Table 13 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec6

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ru-106 (pCi/L)	UNC MDA	Sb-124 (pCi/L)	UNC MDA	Sb-125 (pCi/L)	UNC MDA	Sc-46 (pCi/L)	UNC MDA	Sr-85 (pCi/L)	UNC MDA	Sr-90 (pCi/L)	UNC MDA	Tc-99 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed																			
[illegible]s Canyon																			
	PARA	F	DUP	8/16/2001 22:40:00	NA	—	NA	—	NA	—	NA	—	NA	—	1.27	0.48 / 0.65	NA	—	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	-41.0	48.0 / 87.0	-16.0	13.0 / 24.0	10.0	12.0 / 20.0	1.1	9.2 / 16.0	NA	—	5.60	1.10 / 0.65	NA	—	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	-15.0	22.0 / 38.0	-6.0	15.0 / 25.0	1.0	5.2 / 8.7	-0.7	3.7 / 6.4	NA	—	4.47	0.84 / 0.30	NA	—	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	-17.0	38.0 / 67.0	2.4	9.4 / 16.0	5.0	10.0 / 17.0	-0.3	5.9 / 10.0	NA	—	3.72	0.71 / 0.29	NA	—	
	PARA	F	CS	7/2/2001 20:27:00	-25.0	46.0 / 82.0	-5.0	11.0 / 19.0	2.0	11.0 / 19.0	-0.8	7.5 / 13.0	-54.0	19.0 / 33.0	5.10	1.10 / 0.71	NA	—	
LA-5.0	PARA	F	DUP	7/2/2001 20:27:00	-1.0	47.0 / 81.0	5.0	11.0 / 18.0	-7.0	11.0 / 20.0	3.1	6.6 / 11.0	-47.0	18.0 / 32.0	NA	—	NA	—	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	-35.0	50.0 / 89.0	4.0	10.0 / 17.0	-6.0	11.0 / 20.0	-2.9	7.0 / 13.0	-69.0	21.0 / 35.0	10.50	2.00 / 0.57	NA	—	
LA-5.0	PARA	F	CS	8/16/2001 20:14:00	-30.0	48.0 / 85.0	-10.0	18.0 / 30.0	3.0	11.0 / 19.0	3.4	8.1 / 14.0	NA	—	1.72	0.57 / 0.74	NA	—	
[illegible]	PARA	F	CS	8/16/2001 21:10:00	-10.0	40.0 / 71.0	-6.0	10.0 / 18.0	0.4	9.5 / 17.0	2.2	7.5 / 13.0	NA	—	1.44	0.53 / 0.73	NA	—	

Table 13 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec6

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ru-106 (pCi/L)	UNC MDA	Sb-124 (pCi/L)	UNC MDA	Sb-125 (pCi/L)	UNC MDA	Sc-46 (pCi/L)	UNC MDA	Sr-85 (pCi/L)	UNC MDA	Sr-90 (pCi/L)	UNC MDA	Tc-99 (pCi/L)	UNC MDA	Comments
[illegible] Watershed																			
[illegible] Canyon																			
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	-11.0	35.0 / 61.0	7.0	8.7 / 14.0	-0.7	8.4 / 15.0	0.5	6.5 / 11.0	NA	—	1.24	0.53 / 0.77	NA	—	
Pueblo Canyon																			
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	10.0	41.0 / 69.0	0.3	9.8 / 17.0	8.0	10.0 / 17.0	-1.3	7.5 / 13.0	NA	—	3.02	0.77 / 0.81	NA	—	
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	3.0	26.0 / 44.0	-23.0	16.0 / 29.0	0.4	5.7 / 9.7	-1.0	4.5 / 7.8	NA	—	2.69	0.71 / 0.76	NA	—	
	PARA	F	DUP	8/11/2001 15:56:00	-22.0	37.0 / 66.0	-5.0	12.0 / 21.0	1.4	9.0 / 17.0	-3.8	6.2 / 11.0	NA	—	NA	—	NA	—	
PU-0.3	PARA	F	CS	8/11/2001 17:17:00	10.0	49.0 / 83.0	-18.0	19.0 / 33.0	-4.0	11.0 / 19.0	-1.1	8.6 / 15.0	NA	—	2.19	0.60 / 0.68	NA	—	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	25.0	47.0 / 78.0	-1.0	11.0 / 20.0	3.0	11.0 / 22.0	11.8	8.7 / 13.0	NA	—	1.71	0.53 / 0.65	NA	—	
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	-22.0	23.0 / 39.0	-20.0	15.0 / 26.0	-3.4	5.2 / 8.9	1.6	3.7 / 6.2	NA	—	1.68	0.55 / 0.71	NA	—	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	-15.0	39.0 / 69.0	4.0	10.0 / 17.0	6.6	9.7 / 18.0	7.9	7.1 / 11.0	NA	—	22.50	4.70 / 3.40	NA	—	
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	-9.0	24.0 / 40.0	-7.0	16.0 / 27.0	4.1	5.7 / 9.7	-1.3	4.4 / 7.5	NA	—	25.40	5.20 / 3.30	NA	—	

Table 13 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec6

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ru-106 (pCi/L)	UNC MDA	Sb-124 (pCi/L)	UNC MDA	Sb-125 (pCi/L)	UNC MDA	Sc-46 (pCi/L)	UNC MDA	Sr-85 (pCi/L)	UNC MDA	Sr-90 (pCi/L)	UNC MDA	Tc-99 (pCi/L)	UNC MDA	Comments
Watershed																			
Pueblo Canyon																			
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	-39.0	56.0 / 99.0	-6.0	21.0 / 37.0	12.0	12.0 / 19.0	-4.0	12.0 / 22.0	NA	—	14.00	2.90 / 2.20	NA	—	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	-7.0	36.0 / 63.0	-3.9	9.6 / 17.0	5.4	8.6 / 14.0	0.8	7.2 / 12.0	NA	—	8.80	1.80 / 1.30	NA	—	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	-6.0	45.0 / 79.0	-3.0	10.0 / 18.0	-7.0	11.0 / 19.0	-3.6	7.3 / 13.0	NA	—	19.90	4.10 / 2.70	NA	—	
	PARA	UF	CS	8/16/2001 21:37:00	4.0	36.0 / 61.0	1.9	8.7 / 15.0	6.7	7.9 / 14.0	-0.7	7.2 / 13.0	NA	—	7.70	1.60 / 1.20	NA	—	
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	F	CS	8/5/2001 17:00:00	26.0	49.0 / 83.0	2.0	12.0 / 21.0	7.0	12.0 / 21.0	-2.6	9.0 / 16.0	NA	—	2.52	0.71 / 0.84	NA	—	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	0.0	24.0 / 40.0	0.0	17.0 / 28.0	-1.1	5.2 / 9.8	-1.1	4.4 / 7.4	NA	—	25.00	4.80 / 2.20	NA	—	
[illegible]	PARA	F	CS	8/5/2001 18:00:00	-37.0	52.0 / 95.0	-7.0	13.0 / 23.0	8.0	11.0 / 19.0	7.9	9.0 / 14.0	NA	—	1.40	0.50 / 0.68	NA	—	
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	42.0	50.0 / 81.0	-21.0	20.0 / 34.0	-3.0	10.0 / 18.0	-2.4	8.5 / 15.0	NA	—	0.93	0.47 / 0.70	NA	—	Sr-90 result < requested MDC, > sample specific [illegible]

Table 13 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec6

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ru-106 (pCi/L)	UNC MDA	Sb-124 (pCi/L)	UNC MDA	Sb-125 (pCi/L)	UNC MDA	Sc-46 (pCi/L)	UNC MDA	Sr-85 (pCi/L)	UNC MDA	Sr-90 (pCi/L)	UNC MDA	Tc-99 (pCi/L)	UNC MDA	Comments
Watershed																			
Pajarito Canyon																			
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	0.0	51.0 / 88.0	16.0	13.0 / 20.0	4.0	12.0 / 21.0	2.0	10.0 / 17.0	NA	—	12.10	2.30 / 0.99	NA	—	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	-19.0	51.0 / 90.0	-16.0	14.0 / 25.0	4.0	13.0 / 22.0	1.1	9.7 / 17.0	NA	—	3.60	0.71 / 0.37	NA	—	
Water Canyon Watershed																			
	PARA	F	CS	7/22/2001 18:25:00	-28.0	47.0 / 84.0	-7.0	24.0 / 40.0	1.0	11.0 / 18.0	-10.4	9.9 / 18.0	NA	—	1.31	0.51 / 0.72	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	F	DUP	7/22/2001 18:25:00	-15.0	47.0 / 84.0	-5.0	17.0 / 30.0	4.0	12.0 / 20.0	4.5	8.1 / 14.0	NA	—	NA	—	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	-2.0	44.0 / 77.0	2.0	18.0 / 30.0	-2.0	11.0 / 20.0	-2.0	9.0 / 16.0	NA	—	1.37	0.51 / 0.69	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	-10.0	42.0 / 74.0	-6.0	12.0 / 21.0	0.4	9.1 / 16.0	4.8	8.3 / 14.0	NA	—	1.19	0.49 / 0.69	NA	—	Samples received at > 6 deg C
	PARA	F	CS	8/3/2001 14:14:00	6.0	50.0 / 86.0	-19.0	20.0 / 35.0	4.0	11.0 / 19.0	-5.3	9.2 / 16.0	NA	—	0.65	0.44 / 0.69	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	F	DUP	8/3/2001 14:14:00	NA	—	NA	—	NA	—	NA	—	NA	—	0.80	0.43 / 0.66	NA	—	Samples received at > 6 deg C/Sr-90 result < requested MDC, > sample specific MDC

Table 13 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec6

STATION ID	LAB	F/UF	CODE	DATE TIME	Ru-106 (pCi/L)	UNC MDA	Sb-124 (pCi/L)	UNC MDA	Sb-125 (pCi/L)	UNC MDA	Sc-46 (pCi/L)	UNC MDA	Sr-85 (pCi/L)	UNC MDA	Sr-90 (pCi/L)	UNC MDA	Tc-99 (pCi/L)	UNC MDA	Comments
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	4.0	48.0 / 83.0	-14.0	21.0 / 36.0	-4.0	11.0 / 20.0	3.7	8.6 / 15.0	NA	—	0.79	0.48 / 0.74	NA	—	Samples received at > 6 deg C/Sr-90 result < requested MDC, > sample specific MDC
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	16.0	45.0 / 76.0	-11.0	13.0 / 23.0	3.0	11.0 / 19.0	-4.5	9.3 / 17.0	NA	—	16.80	3.60 / 2.70	NA	—	Samples received at > 6 deg C
[illegible]	PARA	UF	DUP	7/22/2001 18:25:00	-28.0	40.0 / 73.0	3.0	12.0 / 21.0	-1.0	10.0 / 18.0	1.4	7.8 / 14.0	NA	—	NA	—	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	61.0	42.0 / 65.0	7.0	11.0 / 18.0	5.3	8.3 / 15.0	-4.7	8.5 / 15.0	NA	—	14.60	3.00 / 2.00	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	-3.0	24.0 / 41.0	4.0	17.0 / 28.0	-3.3	5.6 / 10.0	-1.2	4.5 / 7.6	NA	—	11.00	3.30 / 4.00	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	8/3/2001 13:54:00	NA	—	NA	—	NA	—	NA	—	NA	—	10.70	3.00 / 3.60	NA	—	Samples received at > 6 deg C
[illegible]	PARA	UF	CS	8/3/2001 14:14:00	4.0	43.0 / 74.0	-7.0	12.0 / 21.0	-1.0	10.0 / 18.0	2.0	8.8 / 15.0	NA	—	10.40	2.40 / 2.10	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	-17.0	51.0 / 90.0	2.0	10.0 / 17.0	0.0	8.4 / 14.0	-5.7	7.5 / 14.0	NA	—	2.76	0.61 / 0.51	NA	—	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 18 for location details, if any

Table 14 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 7

	LAB	F/UF	CODE	DATE TIME	Th-227 (pCi/L)	UNC MDA	Th-234 (pCi/L)	UNC MDA	Tl-208 (pCi/L)	UNC MDA	U-235 (pCi/L)	UNC MDA	Zn-65 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed															
Los Alamos Canyon															
LA-5.0	PARA	F	CS	7/2/2001 20:27:00	-32.0	41.0/72.0	-32.0	88.0/50.0	0.0	4.1/7.1	-4.0	29.0/49.0	-7.0	16.0/28.0	
LA-5.0	PARA	F	DUP	7/2/2001 20:27:00	-8.0	39.0/67.0	-53.0	75.0/30.0	0.2	4.9/8.4	1.0	28.0/47.0	-6.0	17.0/30.0	
LA-5.0	PARA	UF	CS	7/2/2001 20:23:00	-34.0	42.0/73.0	-57.0	86.0/50.0	1.1	4.0/6.8	0.0	29.0/49.0	-7.0	16.0/28.0	
	PARA	F	CS	8/16/2001 20:14:00	-8.0	41.0/70.0	-50.0	83.0/40.0	0.6	5.1/8.7	3.0	28.0/48.0	-7.0	16.0/29.0	
LA-5.0	PARA	F	CS	8/16/2001 21:10:00	9.0	28.0/47.0	-11.0	54.0/91.0	2.8	4.4/7.3	1.0	19.0/33.0	-9.0	12.0/22.0	
LA-5.0	PARA	F	CS	8/16/2001 22:40:00	5.0	17.0/29.0	-17.0	51.0/85.0	3.3	3.8/6.1	1.0	19.0/33.0	4.0	9.8/17.0	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	10.0	39.0/65.0	10.0	10.0/90.0	3.0	6.2/10.0	1.0	29.0/49.0	3.0	14.0/23.0	
[illegible]	PARA	UF	CS	8/16/2001 21:10:00	-13.0	20.0/34.0	-2.0	50.0/87.0	3.6	3.0/4.8	12.0	18.0/30.0	-10.5	9.7/19.0	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	8.0	35.0/58.0	67.0	91.0/50.0	0.8	6.1/10.0	-6.0	30.0/50.0	2.8	9.8/17.0	
Pueblo Canyon															
PU-0.3	PARA	F	CS	8/11/2001 14:58:00	17.0	20.0/32.0	21.0	55.0/92.0	2.8	5.2/8.6	17.0	22.0/36.0	5.0	12.0/20.0	

14 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 7

ON NAME	LAB	F/UF	CODE	DATE TIME	Th-227 (pCi/L)	UNC MDA	Th-234 (pCi/L)	UNC MDA	Tl-208 (pCi/L)	UNC MDA	U-235 (pCi/L)	UNC MDA	Zn-65 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed															
Pueblo Canyon															
PU-0.3	PARA	F	CS	8/11/2001 15:56:00	-23.0	23.0 / 39.0	-10.0	55.0 / 99.0	-1.1	3.3 / 5.6	6.0	19.0 / 31.0	0.0	9.1 / 15.0	
PU-0.3	PARA	F	DUP	8/11/2001 15:56:00	-3.0	36.0 / 61.0	4.0	88.0 / 50.0	-0.2	6.3 / 11.0	15.0	20.0 / 44.0	-3.2	9.2 / 17.0	
	PARA	F	CS	8/11/2001 17:17:00	-4.0	41.0 / 69.0	-74.0	80.0 / 40.0	-0.8	5.1 / 8.8	-4.0	28.0 / 48.0	-3.0	18.0 / 31.0	
PU-0.3	PARA	F	CS	8/16/2001 20:37:00	-3.0	38.0 / 64.0	-10.0	10.0 / 80.0	2.2	4.8 / 8.0	-29.0	30.0 / 52.0	-8.0	14.0 / 25.0	
PU-0.3	PARA	F	CS	8/16/2001 21:37:00	-7.0	19.0 / 32.0	-14.0	58.0 / 96.0	-0.7	3.2 / 5.4	8.0	12.0 / 20.0	-6.9	8.1 / 14.0	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	8.0	38.0 / 63.0	60.0	88.0 / 50.0	12.6	6.5 / 9.6	-16.0	31.0 / 53.0	-3.0	11.0 / 19.0	
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	60.0	00.0 / 30.0	134.0	61.0 / 00.0	17.4	4.2 / 4.8	1.0	19.0 / 32.0	-4.5	9.9 / 20.0	
	PARA	UF	CS	8/11/2001 15:56:00	-54.0	47.0 / 82.0	26.0	73.0 / 30.0	3.8	5.1 / 8.4	-16.0	34.0 / 58.0	-9.0	21.0 / 37.0	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	5.0	18.0 / 30.0	41.0	44.0 / 92.0	2.7	6.6 / 11.0	18.0	17.0 / 33.0	-8.0	10.0 / 19.0	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	-17.0	30.0 / 52.0	-2.0	54.0 / 90.0	8.9	6.4 / 10.0	-5.0	22.0 / 38.0	12.0	12.0 / 19.0	

NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 7

LOCATION NAME	LAB	F/UF	CODE	DATE TIME	Th-227 (pCi/L)	UNC MDA	Th-234 (pCi/L)	UNC MDA	Tl-208 (pCi/L)	UNC MDA	U-235 (pCi/L)	UNC MDA	Zn-65 (pCi/L)	UNC MDA	Comments
Los Alamos Watershed															
Pueblo Canyon															
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	12.0	18.0 / 30.0	12.0	53.0 / 89.0	4.7	6.7 / 11.0	13.0	18.0 / 33.0	4.0	11.0 / 18.0	
Pajarito Watershed															
Pajarito Canyon															
[illegible]	PARA	F	CS	8/5/2001 17:00:00	4.0	32.0 / 54.0	54.0	42.0 / 89.0	-0.5	6.3 / 11.0	9.0	18.0 / 36.0	5.0	15.0 / 27.0	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	58.0	21.0 / 28.0	36.0	51.0 / 90.0	15.6	4.1 / 5.1	-8.0	19.0 / 31.0	-9.0	10.0 / 20.0	Th-227 nuclide identification is tentative
PA-4.54	PARA	F	CS	8/5/2001 18:00:00	-28.0	24.0 / 43.0	-30.0	52.0 / 88.0	0.7	4.6 / 8.0	13.0	22.0 / 36.0	0.0	15.0 / 27.0	
PA-4.54	PARA	F	CS	8/5/2001 19:00:00	-14.0	41.0 / 70.0	-83.0	79.0 / 40.0	-1.1	5.1 / 8.8	-12.0	28.0 / 48.0	-23.0	19.0 / 35.0	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	16.0	40.0 / 66.0	-40.0	10.0 / 80.0	8.0	5.1 / 7.8	-3.0	31.0 / 52.0	-10.0	14.0 / 25.0	
[illegible]	PARA	UF	CS	8/5/2001 19:00:00	20.0	38.0 / 61.0	60.0	10.0 / 80.0	3.1	7.0 / 12.0	-4.0	29.0 / 49.0	-1.0	14.0 / 25.0	
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	F	CS	7/22/2001 18:25:00	-43.0	41.0 / 73.0	-97.0	74.0 / 30.0	1.0	5.4 / 9.2	11.0	27.0 / 46.0	2.0	18.0 / 31.0	Samples received at > 6 deg C

14 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 7

STATION NAME	LAB	F/UF	CODE	DATE TIME	Th-227 (pCi/L)	UNC / MDA	Th-234 (pCi/L)	UNC / MDA	Tl-208 (pCi/L)	UNC / MDA	U-235 (pCi/L)	UNC / MDA	Zn-65 (pCi/L)	UNC / MDA	Comments
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	F	DUP	7/22/2001 18:25:00	32.0	38.0 / 60.0	-1.0	96.0 / 60.0	-1.5	5.3 / 9.3	-5.0	28.0 / 47.0	2.0	12.0 / 21.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	7/22/2001 19:00:00	-4.0	25.0 / 44.0	70.0	00.0 / 70.0	5.6	4.4 / 6.9	-11.0	29.0 / 49.0	3.0	12.0 / 21.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 13:54:00	-4.0	21.0 / 36.0	-8.0	55.0 / 92.0	4.1	5.2 / 8.6	9.0	22.0 / 36.0	-9.0	12.0 / 23.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 14:14:00	-6.0	41.0 / 70.0	-52.0	85.0 / 50.0	1.6	6.3 / 11.0	12.0	29.0 / 48.0	-4.0	17.0 / 29.0	Samples received at > 6 deg C
WA-2.9	PARA	F	CS	8/3/2001 15:59:00	-40.0	42.0 / 73.0	-6.0	88.0 / 50.0	-1.2	4.3 / 7.5	0.0	28.0 / 48.0	1.0	18.0 / 30.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	-5.0	28.0 / 47.0	25.0	55.0 / 92.0	4.7	5.9 / 9.6	2.0	20.0 / 33.0	4.0	12.0 / 21.0	Samples received at > 6 deg C
	PARA	UF	DUP	7/22/2001 18:25:00	-9.0	38.0 / 64.0	23.0	93.0 / 50.0	8.2	7.0 / 11.0	-13.0	30.0 / 51.0	-6.0	10.0 / 19.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	3.0	26.0 / 44.0	18.0	52.0 / 87.0	10.3	5.4 / 8.2	-50.0	23.0 / 38.0	4.0	11.0 / 18.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	43.0	21.0 / 31.0	80.0	58.0 / 00.0	17.5	4.5 / 5.5	1.0	18.0 / 30.0	-3.1	9.1 / 15.0	Samples received at > 6 deg C/Th-227 nuclide identification is tentative
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	37.0	30.0 / 45.0	23.0	58.0 / 95.0	3.6	6.0 / 9.9	8.0	17.0 / 36.0	-8.0	12.0 / 22.0	Samples received at > 6 deg C

Table 14 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Gamma-Spec 7

STATION NAME	LAB	F/UF	CODE	DATE TIME	Th-227 (pCi/L)	UNC / MDA	Th-234 (pCi/L)	UNC / MDA	Tl-208 (pCi/L)	UNC / MDA	U-235 (pCi/L)	UNC / MDA	Zn-65 (pCi/L)	UNC / MDA	Comments
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	14.0	18.0 / 29.0	-1.0	53.0 / 88.0	1.5	6.2 / 10.0	7.0	16.0 / 27.0	2.8	9.9 / 17.0	Samples received at > 6 deg C

[illegible] ertainty is 2 sigma
[illegible] esult is less than MDA it is considered a non-detect

[illegible] e 18 for location details, if any

Table 18 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Sampling Locations

STATION NAME	X_COORD	Y_COORD
46-1A	1,630,579.5	1,766,556.3
46-1B	1,630,775.8	1,766,777.4
46-1C	1,630,827.2	1,766,594.0
46-1C ALT	1,630,827.2	1,766,594.0
46-1D	1,630,911.8	1,766,767.6
46-1D ALT	1,630,911.8	1,766,767.6
46-2A	1,630,869.3	1,766,309.9
46-2B1 ALT	1,631,100.7	1,766,669.0
46-2B2	1,631,083.7	1,766,624.5
46-2B3	1,631,050.3	1,766,562.9
46-2B4	1,631,068.5	1,766,596.6
46-2B4 ALT	1,631,068.5	1,766,596.6
46-2C	1,631,160.9	1,766,479.2
46-2D	1,631,246.5	1,766,622.5
46-C2	1,630,348.8	1,767,059.7
46-C2 ALT.1	1,630,348.8	1,767,059.7
46-C2 ALT.2	1,630,348.8	1,767,059.7
46-C3 ALT	1,629,899.6	1,766,904.5
46-C4	1,629,929.7	1,767,131.4
46-C4 ALT	1,629,929.7	1,767,131.4
LA-5.0	1,649,981.9	1,770,888.3
PA-10.4	1,610,038.9	1,771,142.5
PA-4.54	1,636,543.9	1,760,489.2
PU-0.3	1,650,194.4	1,772,262.0
WA-2.9	1,641,089.3	1,748,501.6

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**LA-5.0 PARA**
Sample Date/Time:	**8/16/2001 21:10:00**
Los Alamos Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
1,2,4-Trichlorobenzene	<	10.00	10.00	
1,2-Dichlorobenzene	<	10.00	10.00	
1,4-Dichlorobenzene	<	10.00	10.00	
2,2'-oxybis[1-chloropropane]	<	10.00	10.00	
2,3,4,6-Tetrachlorophenol	<	52.00	52.00	
2,4,5-Trichlorophenol	<	10.00	10.00	
2,4,6-trichlorophenol	<	10.00	10.00	
2,4-Dichlorophenol	<	10.00	10.00	
2,4-Dimethylphenol	<	10.00	10.00	
2,4-dinitrophenol	<	52.00	52.00	
2-Chloronaphthalene	<	10.00	10.00	
2-Chlorophenol	<	10.00	10.00	
2-Methylnaphthalene	<	10.00	10.00	
2-Methylphenol	<	10.00	10.00	
2-Nitroaniline	<	52.00	52.00	
2-Nitrophenol	<	10.00	10.00	
3,3'-Dichlorobenzidine	<	52.00	52.00	
4,6-Dinitro-2-Methylphenol	<	52.00	52.00	
4-Bromophenyl phenyl ether	<	10.00	10.00	
4-Chloro-3-methylphenol	<	10.00	10.00	
4-chloroaniline	<	26.00	26.00	
4-Chlorophenyl phenyl ether	<	10.00	10.00	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**LA-5.0 PARA**
Sample Date/Time:	**8/16/2001 21:10:00**
Los Alamos Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
4-Methylphenol	<	10.00	10.00	
4-Nitroaniline	<	52.00	52.00	
4-Nitrophenol	<	52.00	52.00	
Acenaphthene	<	10.00	10.00	
Acenaphthylene	<	10.00	10.00	
Aniline	<	26.00	26.00	
Anthracene	<	10.00	10.00	
Azobenzene	<	10.00	10.00	
Benzo(a)anthracene	<	10.00	10.00	
Benzo(a)pyrene	<	10.00	10.00	
Benzo(b)fluoranthene	<	10.00	10.00	
Benzo(g,h,i)perylene	<	10.00	10.00	
Benzo(k)fluoranthene	<	10.00	10.00	
Benzoic Acid	<	52.00	52.00	
Benzyl Alcohol	<	10.00	10.00	
Bis(2-chloroethoxy)methane	<	10.00	10.00	
Bis(2-chloroethyl)ether	<	10.00	10.00	
Bis(2-ethylhexyl)phthalate	<	10.00	10.00	
Butylbenzylphthalate	<	10.00	10.00	
Carbazole	<	10.00	10.00	
Chrysene	<	10.00	10.00	
Dibenz(a,h)anthracene	<	10.00	10.00	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**LA-5.0 PARA**
Sample Date/Time:	**8/16/2001 21:10:00**
Los Alamos Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
Dibenzofuran	<	10.00	10.00	
Diethylphthalate	<	10.00	10.00	
Dimethyl Phthalate	<	10.00	10.00	
Di-n-butylphthalate	<	10.00	10.00	
Di-n-octylphthalate	<	10.00	10.00	
Fluoranthene	<	10.00	10.00	
Fluorene	<	10.00	10.00	
Hexachlorobenzene	<	10.00	10.00	
Hexachlorobutadiene	<	10.00	10.00	
Hexachlorocyclopentadiene	<	10.00	10.00	
Hexachloroethane	<	10.00	10.00	
Indeno(1,2,3-cd)pyrene	<	10.00	10.00	
Isophorone	<	10.00	10.00	
Nitroaniline[3-]	<	52.00	52.00	
N-Nitrosodimethylamine	<	10.00	10.00	
N-Nitrosodiphenylamine	<	10.00	10.00	
N-nitrosodipropylamine	<	10.00	10.00	
Pentachlorophenol	<	52.00	52.00	
Phenanthrene	<	10.00	10.00	
Phenol	<	10.00	10.00	
Pyrene	<	10.00	10.00	
Pyri[illegible]	<	10.00	10.00	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PA-4.54 PARA**
Sample Date/Time:	**8/5/2001 18:00:00**
Pajarito Canyon	
Pajarito Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
1,2,4-Trichlorobenzene	<	13.00	13.00	
1,2-Dichlorobenzene	<	13.00	13.00	
1,4-Dichlorobenzene	<	13.00	13.00	
2,2'-oxybis[1-chloropropane]	<	13.00	13.00	
2,3,4,6-Tetrachlorophenol	<	63.00	63.00	
2,4,5-Trichlorophenol	<	13.00	13.00	
2,4,6-trichlorophenol	<	13.00	13.00	
2,4-Dichlorophenol	<	13.00	13.00	
2,4-Dimethylphenol	<	13.00	13.00	
2,4-dinitrophenol	<	63.00	63.00	
2-Chloronaphthalene	<	13.00	13.00	
2-Chlorophenol	<	13.00	13.00	
2-Methylnaphthalene	<	13.00	13.00	
2-Methylphenol	<	13.00	13.00	
2-Nitroaniline	<	63.00	63.00	
2-Nitrophenol	<	13.00	13.00	
3,3'-Dichlorobenzidine	<	63.00	63.00	
4,6-Dinitro-2-Methylphenol	<	63.00	63.00	
4-Bromophenyl phenyl ether	<	13.00	13.00	
4-Chloro-3-methylphenol	<	13.00	13.00	
4-chloroaniline	<	31.00	31.00	
4-[illegible]orophenyl phenyl ether	<	13.00	13.00	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PA-4.54 PARA**
Sample Date/Time:	**8/5/2001 18:00:00**
Pajarito Canyon	
Pajarito Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
4-Methylphenol	<	13.00	13.00	
4-Nitroaniline	<	63.00	63.00	
4-Nitrophenol	<	63.00	63.00	
Acenaphthene	<	13.00	13.00	
Acenaphthylene	<	13.00	13.00	
Aniline	<	31.00	31.00	
Anthracene	<	13.00	13.00	
Azobenzene	<	13.00	13.00	
Benzo(a)anthracene	<	13.00	13.00	
Benzo(a)pyrene	<	13.00	13.00	
Benzo(b)fluoranthene	<	13.00	13.00	
Benzo(g,h,i)perylene	<	13.00	13.00	
Benzo(k)fluoranthene	<	13.00	13.00	
Benzoic Acid		8.70	63.00	
Benzyl Alcohol		3.10	13.00	
Bis(2-chloroethoxy)methane	<	13.00	13.00	
Bis(2-chloroethyl)ether	<	13.00	13.00	
Bis(2-ethylhexyl)phthalate	<	13.00	13.00	
Butylbenzylphthalate	<	13.00	13.00	
Carbazole	<	13.00	13.00	
Chrysene	<	13.00	13.00	
Dibenz(a,h)anthracene	<	13.00	13.00	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PA-4.54 PARA**
Sample Date/Time:	**8/5/2001 18:00:00**
Pajarito Canyon	
Pajarito Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
Dibenzofuran	<	13.00	13.00	
Diethylphthalate	<	13.00	13.00	
Dimethyl Phthalate	<	13.00	13.00	
Di-n-butylphthalate	<	13.00	13.00	
Di-n-octylphthalate	<	13.00	13.00	
Fluoranthene	<	13.00	13.00	
Fluorene	<	13.00	13.00	
Hexachlorobenzene	<	13.00	13.00	
Hexachlorobutadiene	<	13.00	13.00	
Hexachlorocyclopentadiene	<	13.00	13.00	
Hexachloroethane	<	13.00	13.00	
Indeno(1,2,3-cd)pyrene	<	13.00	13.00	
Isophorone	<	13.00	13.00	
Nitroaniline[3-]	<	63.00	63.00	
N-Nitrosodimethylamine	<	13.00	13.00	
N-Nitrosodiphenylamine	<	13.00	13.00	
N-nitrosodipropylamine	<	13.00	13.00	
Pentachlorophenol	<	63.00	63.00	
Phenanthrene	<	13.00	13.00	
Phenol	<	13.00	13.00	
Pyrene	<	13.00	13.00	
Pyridine	<	13.00	13.00	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PU-0.3 PARA**
Sample Date/Time:	**8/11/2001 15:56:00**
Pueblo Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
1,2,4-Trichlorobenzene	<	9.50	9.50	
1,2-Dichlorobenzene	<	9.50	9.50	
1,4-Dichlorobenzene	<	9.50	9.50	
2,2'-oxybis[1-chloropropane]	<	9.50	9.50	
2,3,4,6-Tetrachlorophenol	<	47.00	47.00	
2,4,5-Trichlorophenol	<	9.50	9.50	
2,4,6-trichlorophenol	<	9.50	9.50	
2,4-Dichlorophenol	<	9.50	9.50	
2,4-Dimethylphenol	<	9.50	9.50	
2,4-dinitrophenol	<	47.00	47.00	
2-Chloronaphthalene	<	9.50	9.50	
2-Chlorophenol	<	9.50	9.50	
2-Methylnaphthalene	<	9.50	9.50	
2-Methylphenol	<	9.50	9.50	
2-Nitroaniline	<	47.00	47.00	
2-Nitrophenol	<	9.50	9.50	
3,3'-Dichlorobenzidine	<	47.00	47.00	
4,6-Dinitro-2-Methylphenol	<	47.00	47.00	
4-Bromophenyl phenyl ether	<	9.50	9.50	
4-Chloro-3-methylphenol	<	9.50	9.50	
4-chloroaniline	<	24.00	24.00	
4-Chlorophenyl phenyl eth	<	[illegible]	9.50	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PU-0.3 PARA**
Sample Date/Time:	**8/11/2001 15:56:00**
Pueblo Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
4-Methylphenol	<	9.50	9.50	
4-Nitroaniline	<	47.00	47.00	
4-Nitrophenol	<	47.00	47.00	
Acenaphthene	<	9.50	9.50	
Acenaphthylene	<	9.50	9.50	
Aniline	<	24.00	24.00	
Anthracene	<	9.50	9.50	
Azobenzene	<	9.50	9.50	
Benzo(a)anthracene	<	9.50	9.50	
Benzo(a)pyrene	<	9.50	9.50	
Benzo(b)fluoranthene	<	9.50	9.50	
Benzo(g,h,i)perylene	<	9.50	9.50	
Benzo(k)fluoranthene	<	9.50	9.50	
Benzoic Acid	<	47.00	47.00	
Benzyl Alcohol	<	9.50	9.50	
Bis(2-chloroethoxy)methane	<	9.50	9.50	
Bis(2-chloroethyl)ether	<	9.50	9.50	
Bis(2-ethylhexyl)phthalate	<	9.50	9.50	
Butylbenzylphthalate	<	9.50	9.50	
Carbazole	<	9.50	9.50	
Chrysene	<	9.50	9.50	
Dibenz(a,h)anthracene	<	9.50	9.50	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PU-0.3 PARA**
Sample Date/Time:	**8/11/2001 15:56:00**
Pueblo Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
Dibenzofuran	<	9.50	9.50	
Diethylphthalate	<	9.50	9.50	
Dimethyl Phthalate	<	9.50	9.50	
Di-n-butylphthalate	<	9.50	9.50	
Di-n-octylphthalate	<	9.50	9.50	
Fluoranthene	<	9.50	9.50	
Fluorene	<	9.50	9.50	
Hexachlorobenzene	<	9.50	9.50	
Hexachlorobutadiene	<	9.50	9.50	
Hexachlorocyclopentadiene	<	9.50	9.50	
Hexachloroethane	<	9.50	9.50	
Indeno(1,2,3-cd)pyrene	<	9.50	9.50	
Isophorone	<	9.50	9.50	
Nitroaniline[3-]	<	47.00	47.00	
N-Nitrosodimethylamine	<	9.50	9.50	
N-Nitrosodiphenylamine	<	9.50	9.50	
N-nitrosodipropylamine	<	9.50	9.50	
Pentachlorophenol	<	47.00	47.00	
Phenanthrene	<	9.50	9.50	
Phenol	<	9.50	9.50	
Pyrene	<	9.50	9.50	
Pyridine	<	9.50	9.50	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PU-0.3 PARA**
Sample Date/Time:	**8/16/2001 20:37:00**
Pueblo Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
1,2,4-Trichlorobenzene	<	10.00	10.00	
1,2-Dichlorobenzene	<	10.00	10.00	
1,4-Dichlorobenzene	<	10.00	10.00	
2,2'-oxybis[1-chloropropane]	<	10.00	10.00	
2,3,4,6-Tetrachlorophenol	<	52.00	52.00	
2,4,5-Trichlorophenol	<	10.00	10.00	
2,4,6-trichlorophenol	<	10.00	10.00	
2,4-Dichlorophenol	<	10.00	10.00	
2,4-Dimethylphenol	<	10.00	10.00	
2,4-dinitrophenol	<	52.00	52.00	
2-Chloronaphthalene	<	10.00	10.00	
2-Chlorophenol	<	10.00	10.00	
2-Methylnaphthalene	<	10.00	10.00	
2-Methylphenol	<	10.00	10.00	
2-Nitroaniline	<	52.00	52.00	
2-Nitrophenol	<	10.00	10.00	
3,3'-Dichlorobenzidine	<	52.00	52.00	
4,6-Dinitro-2-Methylphenol	<	52.00	52.00	
4-Bromophenyl phenyl ether	<	10.00	10.00	
4-Chloro-3-methylphenol	<	10.00	10.00	
4-chloroaniline	<	26.00	26.00	
4-Chlorophenyl phenyl ether	<	10.00	10.00	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PU-0.3 PARA**
Sample Date/Time:	**8/16/2001 20:37:00**
Pueblo Canyon	
Los Alamos Watershed	

ANALYTE		RESULT (ug/L)	RL	COMMENTS
4-Methylphenol	<	10.00	10.00	
4-Nitroaniline	<	52.00	52.00	
4-Nitrophenol	<	52.00	52.00	
Acenaphthene	<	10.00	10.00	
Acenaphthylene	<	10.00	10.00	
Aniline	<	26.00	26.00	
Anthracene	<	10.00	10.00	
Azobenzene	<	10.00	10.00	
Benzo(a)anthracene	<	10.00	10.00	
Benzo(a)pyrene	<	10.00	10.00	
Benzo(b)fluoranthene	<	10.00	10.00	
Benzo(g,h,i)perylene	<	10.00	10.00	
Benzo(k)fluoranthene	<	10.00	10.00	
Benzoic Acid	<	52.00	52.00	
Benzyl Alcohol	<	10.00	10.00	
Bis(2-chloroethoxy)methane	<	10.00	10.00	
Bis(2-chloroethyl)ether	<	10.00	10.00	
Bis(2-ethylhexyl)phthalate	<	10.00	10.00	
Butylbenzylphthalate	<	10.00	10.00	
Carbazole	<	10.00	10.00	
Chrysene	<	10.00	10.00	
Dibenz(a,h)anthracene	<	10.00	10.00	

Table 17 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Semivolatile Organics

Sample Location/Lab:	**PU-0.3 PARA**
Sample Date/Time:	**8/16/2001 20:37:00**
Pueblo Canyon	
Los Alamos Watershed	

ANALYTE	RESULT (ug/L)		RL	COMMENTS
Dibenzofuran	<	10.00	10.00	
Diethylphthalate	<	10.00	10.00	
Dimethyl Phthalate	<	10.00	10.00	
Di-n-butylphthalate	<	10.00	10.00	
Di-n-octylphthalate	<	10.00	10.00	
Fluoranthene	<	10.00	10.00	
Fluorene	<	10.00	10.00	
Hexachlorobenzene	<	10.00	10.00	
Hexachlorobutadiene	<	10.00	10.00	
Hexachlorocyclopentadiene	<	10.00	10.00	
Hexachloroethane	<	10.00	10.00	
Indeno(1,2,3-cd)pyrene	<	10.00	10.00	
Isophorone	<	10.00	10.00	
Nitroaniline[3-]	<	52.00	52.00	
N-Nitrosodimethylamine	<	10.00	10.00	
N-Nitrosodiphenylamine	<	10.00	10.00	
N-nitrosodipropylamine	<	10.00	10.00	
Pentachlorophenol	<	52.00	52.00	
Phenanthrene	<	10.00	10.00	
Phenol	<	10.00	10.00	
Pyrene	<	10.00	10.00	
Pyridine	<	10.00	10.00	

See Table 1 for [illegible] details, if any

Table 16 - NMED DOE Oversight Bureau 2001 Storm-Water Quality Results: Volatile Organic Compounds

Sample Location/Lab:	LA-5.0 PARA	COMMENTS
Sample Date/Time:	8/16/2001 21:10:00	
Los Alamos Canyon		
Los Alamos Watershed		

ANALYTE		RESULT (ug/L)	RL
1,3-dichlorobenzene	<	10.00	10.00
Naphthalene	<	10.00	10.00

Sample Location/Lab:	PA-4.54 PARA	COMMENTS
Sample Date/Time:	8/5/2001 18:00:00	
Pajarito Canyon		
Pajarito Watershed		

ANALYTE		RESULT (ug/L)	RL
1,3-dichlorobenzene	<	13.00	13.00
Naphthalene	<	13.00	13.00

Sample Location/Lab:	PU-0.3 PARA	COMMENTS
Sample Date/Time:	8/11/2001 15:56:00	
Pueblo Canyon		
Los Alamos Watershed		

ANALYTE		RESULT (ug/L)	RL
1,3-dichlorobenzene	<	9.50	9.50
1,3-dichlorobenzene	<	10.00	10.00
Naphthalene	<	9.50	9.50
Naphthalene	<	10.00	10.00

See Table 18 for location details, if any

2001 SUSPENDED SEDIMENT

Table 1 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Na (mg/kg)	Br (mg/kg)	Cl (mg/kg)	F (mg/kg)	CO3 (mg/kg)	HCO3 (mg/kg)	TOTAL ALK (mg/kg)	SO4 (mg/kg)	COMMENTS
Los Alamos Watershed																
Los Alamos Canyon																
LA-5.0	PARA	UF	CS	7/2/2001	4,100.00	2,800.00	2,300.00	490.00	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	6,400.00	2,600.00	2,100.00	280.00	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	5,300.00	2,400.00	1,890.00	266.00	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	5,700.00	2,800.00	2,200.00	280.00	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	6,400.00	3,000.00	2,400.00	290.00	NA	NA	NA	NA	NA	NA	NA	
Pueblo Canyon																
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	5,200.00	1,900.00	1,700.00	280.00	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	5,500.00	2,200.00	1,900.00	240.00	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	5,100.00	1,900.00	1,700.00	210.00	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	11,000.00	3,500.00	2,500.00	300.00	NA	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	9,800.00	3,200.00	2,300.00	270.00	NA	NA	NA	NA	NA	NA	NA	
Mortandad Watershed																
Canada del Buey																
46-1A	ENVIRO	UF	CS	8/2/2001	3,490.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	8/6/2001	2,190.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	9/4/2001	2,520.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	7/24/2001	6,430.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/20/2001	5,480.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	DUP	8/20/2001	5,390.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 1 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Na (mg/kg)	Br (mg/kg)	Cl (mg/kg)	F (mg/kg)	CO3 (mg/kg)	HCO3 (mg/kg)	TOTAL ALK (mg/kg)	SO4 (mg/kg)	COMMENTS
Mortandad Watershed																
Canada del Buey																
46-1B	ENVIRO	UF	CS	8/6/2001	7,020.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	9/4/2001	7,100.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	DUP	9/4/2001	6,570.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C	ENVIRO	UF	CS	8/2/2001	2,570.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C ALT	ENVIRO	UF	CS	9/4/2001	1,750.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	CS	9/4/2001	4,200.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	DUP	9/4/2001	4,180.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D ALT	ENVIRO	UF	CS	9/4/2001	3,680.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/10/2001	6,490.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/17/2001	6,410.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/19/2001	4,920.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/20/2001	5,400.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/14/2001	6,740.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/16/2001	14,000.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/20/2001	4,450.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/6/2001	4,650.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	9/4/2001	3,720.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	8/20/2001	3,250.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 1 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Na (mg/kg)	Br (mg/kg)	Cl (mg/kg)	F (mg/kg)	CO3 (mg/kg)	HCO3 (mg/kg)	TOTAL ALK (mg/kg)	SO4 (mg/kg)	COMMENTS
Mortandad Watershed																
Canada del Buey																
46-2B1 ALT	ENVIRO	UF	CS	9/4/2001	5,020.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	7/24/2001	3,730.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	8/20/2001	3,090.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	9/4/2001	4,010.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/19/2001	2,180.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/20/2001	869.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/14/2001	4,460.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/2/2001	4,420.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/20/2001	3,630.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/6/2001	2,090.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	9/4/2001	3,840.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	7/19/2001	3,620.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/14/2001	4,180.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/2/2001	2,370.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/20/2001	2,780.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	9/4/2001	2,820.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4 ALT	ENVIRO	UF	CS	9/4/2001	3,120.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	7/24/2001	13,600.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 1 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Na (mg/kg)	Br (mg/kg)	Cl (mg/kg)	F (mg/kg)	CO3 (mg/kg)	HCO3 (mg/kg)	TOTAL ALK (mg/kg)	SO4 (mg/kg)	COMMENTS
Mortandad Watershed																
Canada del Buey																
46-2C	ENVIRO	UF	CS	8/14/2001	6,270.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/2/2001	7,130.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/6/2001	4,790.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	9/4/2001	5,870.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2D	ENVIRO	UF	CS	8/20/2001	6,750.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2	ENVIRO	UF	CS	8/20/2001	4,170.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.1	ENVIRO	UF	CS	9/4/2001	2,550.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.2	ENVIRO	UF	CS	9/4/2001	1,660.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C3 ALT	ENVIRO	UF	CS	9/4/2001	7,250.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	7/20/2001	4,090.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	DUP	7/20/2001	4,100.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	9/4/2001	471.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4 ALT	ENVIRO	UF	CS	9/4/2001	3,680.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pajarito Watershed																
Pajarito Canyon																
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	6,400.00	1,600.00	1,600.00	< 180.00	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	6,400.00	2,200.00	2,000.00	< 170.00	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	DUP	8/5/2001 18:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	6,100.00	2,500.00	2,200.00	200.00	NA	NA	NA	NA	NA	NA	NA	

Table 1 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Na (mg/kg)	Br (mg/kg)	Cl (mg/kg)	F (mg/kg)	CO3 (mg/kg)	HCO3 (mg/kg)	TOTAL ALK (mg/kg)	SO4 (mg/kg)	COMMENTS
Water Canyon Watershed																
Water Canyon																
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	7,200.00	2,500.00	2,300.00	< 170.00	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	7,600.00	3,000.00	2,800.00	170.00	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	4,500.00	1,700.00	1,700.00	< 180.00	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	5,000.00	1,700.00	1,600.00	< 180.00	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	6,000.00	2,200.00	2,000.00	< 190.00	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C

See Table 16 for location details, if any

Table 2 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/kg)	TOTAL PHOS (mg/kg)	PO4 (mg/kg)	TKN (mg/kg)	NO3 (mg/kg)	NO2-NO3 as N (mg/kg)	NH3 (mg/kg)	TOTAL CN (mg/kg)	AMEN CN (mg/kg)	WAD CN (mg/kg)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Los Alamos Watershed																	
Los Alamos Canyon																	
LA-5.0	PARA	UF	CS	7/2/2001	NA	NA	NA	NA	NA	NA	NA	<0.500	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	NA	NA	NA	NA	NA	NA	NA	<0.930	NA	NA	NA	NA	
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	NA	NA	NA	NA	NA	NA	NA	<0.940	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	NA	NA	NA	NA	NA	NA	NA	<0.970	NA	NA	NA	NA	
Pueblo Canyon																	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	NA	NA	NA	NA	NA	NA	NA	<0.890	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	NA	NA	NA	NA	NA	NA	NA	<0.890	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	NA	NA	NA	NA	NA	NA	NA	<0.860	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	NA	NA	NA	NA	NA	NA	NA	<0.890	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	NA	NA	NA	NA	NA	NA	NA	<1.100	NA	NA	NA	NA	
Mortandad Watershed																	
Canada del Buey																	
46-1A	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	DUP	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/kg)	TOTAL PHOS (mg/kg)	PO4 (mg/kg)	TKN (mg/kg)	NO3 (mg/kg)	NO2-NO3 as N (mg/kg)	NH3 (mg/kg)	TOTAL CN (mg/kg)	AMEN CN (mg/kg)	WAD CN (mg/kg)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-1B	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	DUP	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	DUP	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/10/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/16/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/kg)	TOTAL PHOS (mg/kg)	PO4 (mg/kg)	TKN (mg/kg)	NO3 (mg/kg)	NO2-NO3 as N (mg/kg)	NH3 (mg/kg)	TOTAL CN (mg/kg)	AMEN CN (mg/kg)	WAD CN (mg/kg)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2B1 ALT	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/kg)	TOTAL PHOS (mg/kg)	PO4 (mg/kg)	TKN (mg/kg)	NO3 (mg/kg)	NO2-NO3 as N (mg/kg)	NH3 (mg/kg)	TOTAL CN (mg/kg)	AMEN CN (mg/kg)	WAD CN (mg/kg)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2B4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2D	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.1	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C3 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	DUP	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pajarito Watershed																	
Pajarito Canyon																	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 2 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	ClO4 (ug/kg)	TOTAL PHOS (mg/kg)	PO4 (mg/kg)	TKN (mg/kg)	NO3 (mg/kg)	NO2-NO3 as N (mg/kg)	NH3 (mg/kg)	TOTAL CN (mg/kg)	AMEN CN (mg/kg)	WAD CN (mg/kg)	DEUT. o/oo	O18O16 o/oo	COMMENTS
Pajarito Watershed																	
Pajarito Canyon																	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	DUP	8/5/2001 18:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Water Canyon Watershed																	
Water Canyon																	
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C

See Table 16 for location details, if any

Table 3 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/kg)	TDS (mg/kg)	TSS (mg/kg)	BOD-5 (mg/kg)	COD (mg/kg)	TOC (mg/kg)	HARD. (mg/kg)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Los Alamos Watershed																	
Los Alamos Canyon																	
LA-5.0	PARA	UF	CS	7/2/2001	NA	NA	NA	NA	NA	21,000.00	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	NA	NA	NA	NA	NA	24,000.00	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	NA	NA	NA	NA	NA	31,000.00	NA	NA	NA	NA	NA	NA	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	NA	NA	NA	NA	NA	27,000.00	NA	NA	NA	NA	NA	NA	
Pueblo Canyon																	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	NA	NA	NA	NA	NA	24,000.00	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	NA	NA	NA	NA	NA	34,000.00	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	NA	NA	NA	NA	NA	22,000.00	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	NA	NA	NA	NA	NA	31,000.00	NA	NA	NA	NA	NA	NA	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	NA	NA	NA	NA	NA	28,000.00	NA	NA	NA	NA	NA	NA	
Mortandad Watershed																	
Canada del Buey																	
46-1A	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/kg)	TDS (mg/kg)	TSS (mg/kg)	BOD-5 (mg/kg)	COD (mg/kg)	TOC (mg/kg)	HARD. (mg/kg)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-1A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	DUP	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	DUP	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	DUP	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/10/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/kg)	TDS (mg/kg)	TSS (mg/kg)	BOD-5 (mg/kg)	COD (mg/kg)	TOC (mg/kg)	HARD. (mg/kg)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2A	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/16/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/kg)	TDS (mg/kg)	TSS (mg/kg)	BOD-5 (mg/kg)	COD (mg/kg)	TOC (mg/kg)	HARD. (mg/kg)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2B3	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/kg)	TDS (mg/kg)	TSS (mg/kg)	BOD-5 (mg/kg)	COD (mg/kg)	TOC (mg/kg)	HARD. (mg/kg)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2C	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2D	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.1	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C3 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	DUP	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pajarito Watershed																	
Pajarito Canyon																	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	NA	NA	NA	NA	NA	42,000.00	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	NA	NA	NA	NA	NA	38,000.00	NA	NA	NA	NA	NA	NA	

Table 3 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: General Chemistry 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	TSL (mg/kg)	TDS (mg/kg)	TSS (mg/kg)	BOD-5 (mg/kg)	COD (mg/kg)	TOC (mg/kg)	HARD. (mg/kg)	FIELD pH (SU)	FIELD TEMP (°C)	FIELD SP COND (uS/cm)	FIELD TDS (ppm)	FIELD DISS O (ppm)	COMMENTS
Pajarito Watershed																	
Pajarito Canyon																	
PA-4.54	PARA	UF	DUP	8/5/2001 18:00:00	NA	NA	NA	NA	NA	37,400.00	NA	NA	NA	NA	NA	NA	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	NA	NA	NA	NA	NA	42,000.00	NA	NA	NA	NA	NA	NA	
Water Canyon Watershed																	
Water Canyon																	
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Samples received at > 6 deg C

See Table 16 for location details, if any

Table 4 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ag (mg/kg)	Al (mg/kg)	As (mg/kg)	B (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Co (mg/kg)	Cr (mg/kg)	Cu (mg/kg)	Fe (mg/kg)	Hg (mg/kg)	COMMENTS
Los Alamos Watershed																	
Los Alamos Canyon																	
LA-5.0	PARA	UF	CS	7/2/2001	< 1.00	14,000.00	5.70	NA	170.0	1.80	< 1.000	6.00	21.0	28.0	21,000.0	< 0.10	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	< 1.90	14,000.00	4.80	< 19.0	250.0	1.90	< 0.930	7.80	12.0	19.0	18,000.0	< 0.19	
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	< 1.86	12,400.00	4.34	< 18.6	222.0	1.67	< 0.928	7.05	11.0	16.7	16,300.0	NA	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	< 1.90	14,000.00	6.60	< 19.0	240.0	1.80	< 0.940	7.90	13.0	22.0	20,000.0	< 0.19	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	< 1.90	15,000.00	6.60	< 19.0	260.0	2.00	< 0.970	8.50	13.0	23.0	21,000.0	< 0.19	
Pueblo Canyon																	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	< 1.80	10,000.00	4.30	< 18.0	160.0	1.10	< 0.890	5.40	8.1	11.0	14,000.0	< 0.18	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	< 1.80	11,000.00	4.60	< 18.0	190.0	1.20	< 0.890	6.70	9.6	12.0	16,000.0	< 0.18	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	< 1.70	9,600.00	3.80	< 17.0	170.0	1.10	< 0.860	6.10	8.4	12.0	14,000.0	< 0.17	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	< 1.80	15,000.00	6.30	< 18.0	230.0	1.80	< 0.890	8.10	13.0	19.0	21,000.0	< 0.18	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	< 1.90	14,000.00	6.30	< 19.0	220.0	1.70	< 0.940	8.20	12.0	18.0	19,000.0	< 0.19	
Mortandad Watershed																	
Canada del Buey																	
46-1A	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 4 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ag (mg/kg)	Al (mg/kg)	As (mg/kg)	B (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Co (mg/kg)	Cr (mg/kg)	Cu (mg/kg)	Fe (mg/kg)	Hg (mg/kg)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-1B	ENVIRO	UF	DUP	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1B	ENVIRO	UF	DUP	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1C ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D	ENVIRO	UF	DUP	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-1D ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/10/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/16/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 4 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ag (mg/kg)	Al (mg/kg)	As (mg/kg)	B (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Co (mg/kg)	Cr (mg/kg)	Cu (mg/kg)	Fe (mg/kg)	Hg (mg/kg)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2A	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2A	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B1 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B3	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	7/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 4 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ag (mg/kg)	Al (mg/kg)	As (mg/kg)	B (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Co (mg/kg)	Cr (mg/kg)	Cu (mg/kg)	Fe (mg/kg)	Hg (mg/kg)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-2B4	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2B4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	7/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/2/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	8/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2C	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-2D	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2	ENVIRO	UF	CS	8/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.1	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C2 ALT.2	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C3 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	CS	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4	ENVIRO	UF	DUP	7/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 4 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ag (mg/kg)	Al (mg/kg)	As (mg/kg)	B (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Co (mg/kg)	Cr (mg/kg)	Cu (mg/kg)	Fe (mg/kg)	Hg (mg/kg)	COMMENTS
Mortandad Watershed																	
Canada del Buey																	
46-C4	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
46-C4 ALT	ENVIRO	UF	CS	9/4/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pajarito Watershed																	
Pajarito Canyon																	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	< 1.80	7,700.00	3.50	< 18.0	260.0	< 0.91	< 0.910	5.30	6.3	11.0	11,000.0	< 0.18	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	< 1.70	11,000.00	4.90	< 17.0	300.0	1.20	< 0.870	6.80	9.2	18.0	16,000.0	< 0.17	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	< 1.90	12,000.00	6.30	< 19.0	280.0	1.50	< 0.960	7.10	10.0	20.0	18,000.0	< 0.19	
Water Canyon Watershed																	
Water Canyon																	
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	< 1.70	16,000.00	4.40	< 17.0	360.0	1.70	< 0.830	7.20	11.0	17.0	16,000.0	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	< 1.70	21,000.00	5.30	< 17.0	410.0	2.00	< 0.850	8.20	14.0	19.0	20,000.0	NA	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	< 1.80	9,300.00	3.70	< 18.0	230.0	1.20	< 0.910	5.10	6.9	11.0	12,000.0	< 0.18	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	< 1.80	9,100.00	3.50	< 18.0	240.0	1.20	< 0.890	5.50	6.9	12.0	12,000.0	< 0.18	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	< 1.90	13,000.00	4.90	< 19.0	340.0	1.80	< 0.930	6.80	8.5	16.0	15,000.0	< 0.19	Samples received at > 6 deg C

See Table 16 for location details, if any

Table 5 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	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)	U (mg/kg)	V (mg/kg)	Zn (mg/kg	COMMENTS
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	UF	CS	7/2/2001	NA	670.0	NA	12.0	58.0	< 2.00	< 1.000	NA	NA	NA	< 2.00	NA	25.0	210.0	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	16.0	1,200.0	NA	15.0	40.0	3.70	1.200	4,200.0	NA	50.0	< 1.90	NA	23.0	110.0	
LA-5.0	PARA	UF	DUP	8/16/2001 20:14:00	14.4	1,050.0	NA	13.5	35.5	< 3.71	< 0.928	4,330.0	NA	42.2	< 1.86	NA	21.7	99.8	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	16.0	1,100.0	NA	14.0	62.0	< 3.80	1.900	4,300.0	NA	44.0	< 1.90	NA	27.0	130.0	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	18.0	1,400.0	NA	15.0	61.0	< 3.90	1.700	5,000.0	NA	48.0	< 1.90	NA	28.0	130.0	
Pueblo Canyon																			
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	11.0	520.0	NA	9.9	25.0	< 3.60	< 0.890	3,800.0	NA	32.0	< 1.80	NA	19.0	52.0	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	12.0	630.0	NA	12.0	28.0	< 3.60	< 0.890	3,200.0	NA	37.0	< 1.80	NA	23.0	59.0	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	9.9	630.0	NA	10.0	28.0	< 3.40	< 0.860	3,600.0	NA	35.0	< 1.70	NA	20.0	54.0	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	17.0	910.0	NA	14.0	45.0	< 3.50	< 0.890	4,700.0	NA	60.0	< 1.80	NA	29.0	89.0	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	15.0	1,000.0	NA	14.0	44.0	< 3.80	< 0.940	4,800.0	NA	57.0	< 1.90	NA	28.0	87.0	
Mortandad Watershed																			
Canada del Buey																			
46-1A	ENVIRO	UF	CS	8/2/2001	NA	396.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.4	
46-1A	ENVIRO	UF	CS	8/6/2001	NA	287.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.5	
46-1A	ENVIRO	UF	CS	9/4/2001	NA	297.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.7	
46-1B	ENVIRO	UF	CS	7/24/2001	NA	989.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	105.0	
46-1B	ENVIRO	UF	CS	8/6/2001	NA	931.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.4	

Table 5 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	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)	U (mg/kg)	V (mg/kg)	Zn (mg/kg	COMMENTS
Mortandad Watershed																			
Canada del Buey																			
46-1B	ENVIRO	UF	CS	8/20/2001	NA	811.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.2	
46-1B	ENVIRO	UF	DUP	8/20/2001	NA	781.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.9	
46-1B	ENVIRO	UF	CS	9/4/2001	NA	932.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.5	
46-1B	ENVIRO	UF	DUP	9/4/2001	NA	1,010.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	104.0	
46-1C	ENVIRO	UF	CS	8/2/2001	NA	341.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.4	
46-1C ALT	ENVIRO	UF	CS	9/4/2001	NA	276.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.7	
46-1D	ENVIRO	UF	CS	9/4/2001	NA	558.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.1	
46-1D	ENVIRO	UF	DUP	9/4/2001	NA	564.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.5	
46-1D ALT	ENVIRO	UF	CS	9/4/2001	NA	465.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.9	
46-2A	ENVIRO	UF	CS	7/10/2001	NA	737.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	493.0	
46-2A	ENVIRO	UF	CS	7/17/2001	NA	1,020.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	534.0	
46-2A	ENVIRO	UF	CS	7/19/2001	NA	583.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	401.0	
46-2A	ENVIRO	UF	CS	7/20/2001	NA	611.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	443.0	
46-2A	ENVIRO	UF	CS	8/6/2001	NA	602.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	448.0	
46-2A	ENVIRO	UF	CS	8/14/2001	NA	350.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	795.0	
46-2A	ENVIRO	UF	CS	8/16/2001	NA	1,110.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	965.0	

Table 5 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	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)	U (mg/kg)	V (mg/kg)	Zn (mg/kg	COMMENTS
Mortandad Watershed																			
Canada del Buey																			
46-2A	ENVIRO	UF	CS	8/20/2001	NA	580.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	447.0	
46-2A	ENVIRO	UF	CS	9/4/2001	NA	401.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	278.0	
46-2B1 ALT	ENVIRO	UF	CS	8/20/2001	NA	571.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	187.0	
46-2B1 ALT	ENVIRO	UF	CS	9/4/2001	NA	482.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	294.0	
46-2B2	ENVIRO	UF	CS	7/24/2001	NA	456.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	225.0	
46-2B2	ENVIRO	UF	CS	8/20/2001	NA	378.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	202.0	
46-2B2	ENVIRO	UF	CS	9/4/2001	NA	527.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	314.0	
46-2B3	ENVIRO	UF	CS	7/19/2001	NA	244.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	181.0	
46-2B3	ENVIRO	UF	CS	7/20/2001	NA	135.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.6	
46-2B3	ENVIRO	UF	CS	8/2/2001	NA	328.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	318.0	
46-2B3	ENVIRO	UF	CS	8/6/2001	NA	263.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	150.0	
46-2B3	ENVIRO	UF	CS	8/14/2001	NA	376.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	334.0	
46-2B3	ENVIRO	UF	CS	8/20/2001	NA	388.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	287.0	
46-2B3	ENVIRO	UF	CS	9/4/2001	NA	436.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	311.0	
46-2B4	ENVIRO	UF	CS	7/19/2001	NA	369.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	293.0	
46-2B4	ENVIRO	UF	CS	8/2/2001	NA	270.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.0	

Table 5 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	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)	U (mg/kg)	V (mg/kg)	Zn (mg/kg	COMMENTS
Mortandad Watershed																			
Canada del Buey																			
46-2B4	ENVIRO	UF	CS	8/14/2001	NA	430.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.0	
46-2B4	ENVIRO	UF	CS	8/20/2001	NA	343.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	208.0	
46-2B4	ENVIRO	UF	CS	9/4/2001	NA	377.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	188.0	
46-2B4 ALT	ENVIRO	UF	CS	9/4/2001	NA	335.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	215.0	
46-2C	ENVIRO	UF	CS	7/24/2001	NA	531.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	813.0	
46-2C	ENVIRO	UF	CS	8/2/2001	NA	437.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	916.0	
46-2C	ENVIRO	UF	CS	8/6/2001	NA	613.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	495.0	
46-2C	ENVIRO	UF	CS	8/14/2001	NA	344.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	829.0	
46-2C	ENVIRO	UF	CS	9/4/2001	NA	329.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	684.0	
46-2D	ENVIRO	UF	CS	8/20/2001	NA	358.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	817.0	
46-C2	ENVIRO	UF	CS	8/20/2001	NA	533.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.1	
46-C2 ALT.1	ENVIRO	UF	CS	9/4/2001	NA	353.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.1	
46-C2 ALT.2	ENVIRO	UF	CS	9/4/2001	NA	291.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.8	
46-C3 ALT	ENVIRO	UF	CS	9/4/2001	NA	587.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.1	
46-C4	ENVIRO	UF	CS	7/20/2001	NA	465.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.8	
46-C4	ENVIRO	UF	DUP	7/20/2001	NA	464.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55.2	

Table 5 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Trace Metals 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	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)	U (mg/kg)	V (mg/kg)	Zn (mg/kg	COMMENTS
Mortandad Watershed																			
Canada del Buey																			
46-C4	ENVIRO	UF	CS	9/4/2001	NA	215.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.1	
46-C4 ALT	ENVIRO	UF	CS	9/4/2001	NA	363.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.4	
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	6.3	1,100.0	NA	6.5	20.0	< 3.60	< 0.910	3,100.0	NA	46.0	< 1.80	NA	16.0	46.0	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	10.0	1,100.0	NA	10.0	35.0	< 3.50	1.300	3,900.0	NA	50.0	< 1.70	NA	21.0	80.0	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	12.0	1,200.0	NA	11.0	43.0	< 3.80	1.100	4,200.0	NA	46.0	< 1.90	NA	24.0	110.0	
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	12.0	1,000.0	NA	11.0	26.0	< 3.30	< 0.830	3,800.0	NA	63.0	< 1.70	NA	24.0	62.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	16.0	1,200.0	NA	12.0	29.0	< 3.40	2.100	4,000.0	NA	68.0	< 1.70	NA	29.0	72.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	8.1	640.0	NA	7.2	20.0	< 3.60	1.400	3,700.0	NA	39.0	< 1.80	NA	17.0	50.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	8.1	730.0	NA	7.3	21.0	< 3.60	1.600	3,600.0	NA	41.0	< 1.80	NA	17.0	51.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	11.0	920.0	NA	9.1	29.0	< 3.70	1.200	3,700.0	NA	51.0	< 1.90	NA	21.0	66.0	Samples received at > 6 deg C

See Table 16 for location details, if any

Table 6 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Alpha-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Am-241 (pCi/g)	UNC / MDA	Np-237 (pCi/g)	UNC / MDA	Pu-238 (pCi/g)	UNC / MDA	Pu-239 (pCi/g)	UNC / MDA	Pu-239,240 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed															
Los Alamos Canyon															
LA-5.0	PARA	UF	CS	7/2/2001	0.168	0.056 / 0.007	NA	____	0.091	0.0390 / 0.0230	0.530	0.1100 / 0.0065	NA	____	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	0.074	0.043 / 0.035	NA	____	0.024	0.0220 / 0.0320	0.308	0.0760 / 0.0061	NA	____	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	0.296	0.081 / 0.018	NA	____	0.023	0.0200 / 0.0270	0.790	0.1400 / 0.0055	NA	____	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	0.123	0.053 / 0.023	NA	____	0.035	0.0270 / 0.0250	0.720	0.1600 / 0.0250	NA	____	Pu-238 result is < requested MDC, > sample specific MDC
Pueblo Canyon															
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	0.065	0.033 / 0.007	NA	____	0.015	0.0170 / 0.0250	1.050	0.1900 / 0.0180	NA	____	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	0.097	0.040 / 0.016	NA	____	0.007	0.0170 / 0.0350	1.500	0.2700 / 0.0084	NA	____	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	0.090	0.046 / 0.024	NA	____	0.011	0.0170 / 0.0260	1.960	0.3400 / 0.0210	NA	____	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	0.235	0.072 / 0.024	NA	____	0.012	0.0210 / 0.0370	5.830	0.9300 / 0.0089	NA	____	
PU-0.3	PARA	UF	DUP	8/16/2001 20:37:00	0.277	0.077 / 0.022	NA	____	0.025	0.0240 / 0.0300	6.020	0.9500 / 0.0210	NA	____	

Table 6 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Alpha-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Am-241 (pCi/g)	UNC / MDA	Np-237 (pCi/g)	UNC / MDA	Pu-238 (pCi/g)	UNC / MDA	Pu-239 (pCi/g)	UNC / MDA	Pu-239,240 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed															
Pueblo Canyon															
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	0.188	0.062 / 0.008	NA	____	0.008	0.0220 / 0.0460	5.160	0.8300 / 0.0300	NA	____	
Pajarito Watershed															
Pajarito Canyon															
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	0.028	0.021 / 0.020	NA	____	0.011	0.0130 / 0.0180	0.081	0.0350 / 0.0180	NA	____	Am-241 result is < requested MDC, > sample specific MDC
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	0.038	0.026 / 0.022	NA	____	0.012	0.0240 / 0.0460	0.143	0.0610 / 0.0310	NA	____	Am-241 result is < requested MDC, > sample specific MDC
PA-4.54	PARA	UF	DUP	8/5/2001 18:00:00	0.045	0.030 / 0.020	NA	____	0.036	0.0270 / 0.0360	0.130	0.0480 / 0.0069	NA	____	Am-241 result is < requested MDC, > sample specific MDC
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	0.031	0.024 / 0.023	NA	____	0.022	0.0230 / 0.0340	0.207	0.0650 / 0.0180	NA	____	Am-241 result is < requested MDC, > sample specific MDC
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	0.074	0.037 / 0.025	NA	____	-0.004	0.0083 / 0.0290	1.010	0.2000 / 0.0200	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	0.020	0.019 / 0.019	NA	____	0.013	0.0140 / 0.0190	0.070	0.0310 / 0.0130	NA	____	Samples received at > 6 deg C/Am-241 result is < requested MDC, > sample specific MDC
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	0.021	0.019 / 0.021	NA	____	0.016	0.0160 / 0.0200	0.075	0.0340 / 0.0160	NA	____	Samples received at > 6 deg C

Table 6 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Alpha-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	Am-241 (pCi/g)	UNC / MDA	Np-237 (pCi/g)	UNC / MDA	Pu-238 (pCi/g)	UNC / MDA	Pu-239 (pCi/g)	UNC / MDA	Pu-239,240 (pCi/g)	UNC / MDA	Comments
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	0.023	0.022 / 0.021	NA	____	-0.003	0.0130 / 0.0420	0.061	0.0390 / 0.0340	NA	____	Samples received at > 6 deg C/Am-241 result is < requested MDC, > sample specific MDC
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	0.035	0.024 / 0.020	NA	____	-0.003	0.0085 / 0.0250	0.061	0.0340 / 0.0084	NA	____	Samples received at > 6 deg C/Am-241 result is < requested MDC, > sample specific MDC

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 16 for location details, if any

Table 7 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Alpha-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	U-234 (pCi/g)	UNC / MDA	U-235 (pCi/g)	UNC / MDA	U-235,236 (pCi/g)	UNC / MDA	U-238 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed													
Los Alamos Canyon													
LA-5.0	PARA	UF	CS	7/2/2001	1.23	0.240 / 0.032	0.077	0.0450 / 0.0380	NA	____	0.96	0.200 / 0.028	U-235 result is < requested MDC, > sample specific MDC
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	1.22	0.240 / 0.047	0.089	0.0510 / 0.0470	NA	____	1.22	0.240 / 0.031	U-235 result is < requested MDC, > sample specific MDC
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	1.63	0.300 / 0.032	0.149	0.0620 / 0.0230	NA	____	1.62	0.300 / 0.011	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	1.87	0.350 / 0.039	0.280	0.0970 / 0.0340	NA	____	2.11	0.380 / 0.028	
Pueblo Canyon													
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	1.52	0.320 / 0.063	0.300	0.1100 / 0.0590	NA	____	1.66	0.350 / 0.043	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	1.23	0.250 / 0.039	0.118	0.0580 / 0.0260	NA	____	1.54	0.290 / 0.026	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	1.54	0.300 / 0.034	0.268	0.0940 / 0.0340	NA	____	1.55	0.300 / 0.027	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	1.72	0.330 / 0.050	0.175	0.0740 / 0.0130	NA	____	1.66	0.320 / 0.043	
PU-0.3	PARA	UF	DUP	8/16/2001 20:37:00	1.69	0.310 / 0.050	0.141	0.0640 / 0.0350	NA	____	1.61	0.300 / 0.012	

Table 7 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Alpha-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	U-234 (pCi/g)	UNC / MDA	U-235 (pCi/g)	UNC / MDA	U-235,236 (pCi/g)	UNC / MDA	U-238 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed													
Pueblo Canyon													
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	1.58	0.290 / 0.035	0.152	0.0630 / 0.0380	NA	____	1.28	0.240 / 0.023	
Pajarito Watershed													
Pajarito Canyon													
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	0.99	0.210 / 0.029	0.037	0.0330 / 0.0400	NA	____	1.11	0.220 / 0.029	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	1.97	0.350 / 0.024	0.118	0.0570 / 0.0300	NA	____	2.30	0.400 / 0.024	
PA-4.54	PARA	UF	DUP	8/5/2001 18:00:00	1.93	0.360 / 0.048	0.101	0.0550 / 0.0380	NA	____	2.12	0.380 / 0.045	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	1.94	0.360 / 0.033	0.217	0.0830 / 0.0330	NA	____	2.44	0.430 / 0.038	
Water Canyon Watershed													
Water Canyon													
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	1.38	0.260 / 0.042	0.089	0.0480 / 0.0290	NA	____	1.64	0.300 / 0.011	Samples received at > 6 deg C/U-235 result is < requested MDC, > sample specific MDC
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	1.55	0.280 / 0.050	0.083	0.0470 / 0.0380	NA	____	1.44	0.270 / 0.035	Samples received at > 6 deg C/U-235 result is < requested MDC, > sample specific MDC
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	1.31	0.270 / 0.047	0.147	0.0690 / 0.0430	NA	____	1.62	0.310 / 0.043	Samples received at > 6 deg C

Table 7 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Alpha-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	U-234 (pCi/g)	UNC / MDA	U-235 (pCi/g)	UNC / MDA	U-235,236 (pCi/g)	UNC / MDA	U-238 (pCi/g)	UNC / MDA	Comments
Water Canyon Watershed													
Water Canyon													
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	1.60	0.330 / 0.015	0.092	0.0590 / 0.0410	NA	____	1.70	0.340 / 0.015	Samples received at > 6 deg C/U-235 result is < requested MDC, > sample specific MDC
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	1.54	0.310 / 0.049	0.170	0.0790 / 0.0450	NA	____	1.69	0.340 / 0.045	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 16 for location details, if any

Table 8 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gross Alpha/Beta and Gamma-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	GROSSA (pCi/g)	UNC / MDA	GROSSB (pCi/g)	UNC / MDA	Ac-228 (pCi/g)	UNC / MDA	Ag-110m (pCi/g)	UNC / MDA	Al-26 (pCi/g)	UNC / MDA	Am-241 (pCi/g)	UNC / MDA	Be-7 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	UF	CS	7/2/2001	11.9	2.1 / 1.1	20.0	2.9 / 1.2	0.70	1.50 / 2.40	0.02	0.39 / 0.65	-0.03	0.25 / 0.44	0.70	1.80 / 2.90	8.6	4.5 / 6.7	
LA-5.0	PARA	UF	DUP	7/2/2001	NA	___	NA	___	0.84	0.93 / 1.50	-0.31	0.21 / 0.35	0.05	0.14 / 0.23	-0.41	0.82 / 1.40	15.0	3.9 / 4.7	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	NA	___	NA	___	0.10	1.50 / 2.50	-0.19	0.29 / 0.51	-0.05	0.25 / 0.44	0.28	0.29 / 0.46	0.0	6.1 / 10.0	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	NA	___	NA	___	2.10	1.20 / 1.70	-0.12	0.51 / 0.88	0.22	0.35 / 0.58	0.30	1.70 / 2.90	2.4	9.1 / 15.0	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	NA	___	NA	___	0.50	1.10 / 1.70	-0.16	0.22 / 0.37	0.05	0.14 / 0.23	0.17	0.79 / 1.30	4.9	3.0 / 4.6	
Pueblo Canyon																			
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	NA	___	NA	___	1.81	0.65 / 0.69	0.03	0.19 / 0.35	-0.07	0.13 / 0.34	0.40	1.20 / 2.10	1.5	5.4 / 9.5	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	NA	___	NA	___	1.72	0.83 / 1.30	-0.09	0.20 / 0.40	-0.06	0.18 / 0.42	-0.01	0.18 / 0.33	2.3	3.9 / 6.6	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	NA	___	NA	___	1.94	0.54 / 0.74	-0.15	0.20 / 0.38	-0.01	0.10 / 0.20	0.12	0.53 / 0.90	3.3	2.9 / 4.5	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	NA	___	NA	___	1.44	0.46 / 0.71	-0.34	0.23 / 0.45	0.05	0.08 / 0.14	-0.24	0.49 / 0.86	1.9	2.8 / 4.7	

Table 8 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gross Alpha/Beta and Gamma-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	GROSSA (pCi/g)	UNC / MDA	GROSSB (pCi/g)	UNC / MDA	Ac-228 (pCi/g)	UNC / MDA	Ag-110m (pCi/g)	UNC / MDA	Al-26 (pCi/g)	UNC / MDA	Am-241 (pCi/g)	UNC / MDA	Be-7 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed																			
Pueblo Canyon																			
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	NA	___	NA	___	NA	___	NA	___	NA	___	NA	___	NA	___	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	NA	___	NA	___	1.40	0.95 / 1.50	0.27	0.33 / 0.53	0.08	0.38 / 0.65	-0.37	0.54 / 0.90	3.1	7.0 / 12.0	
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	NA	___	NA	___	1.15	0.71 / 1.40	0.09	0.34 / 0.58	-0.01	0.13 / 0.34	0.01	0.15 / 0.28	6.4	5.8 / 8.7	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	NA	___	NA	___	2.12	0.63 / 0.81	-0.29	0.25 / 0.48	-0.05	0.11 / 0.22	-0.08	0.53 / 0.92	4.6	4.4 / 7.0	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	NA	___	NA	___	1.20	1.00 / 2.10	-0.32	0.32 / 0.55	-0.08	0.25 / 0.45	-0.20	1.70 / 2.90	3.1	8.0 / 13.0	
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	NA	___	NA	___	0.80	1.50 / 2.50	-0.14	0.47 / 0.80	0.11	0.26 / 0.43	0.10	0.28 / 0.47	3.4	8.8 / 15.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	NA	___	NA	___	1.84	0.89 / 1.70	-0.30	0.54 / 0.94	-0.45	0.39 / 0.72	0.50	1.70 / 2.90	7.0	12.0 / 19.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	NA	___	NA	___	0.50	1.10 / 1.80	-0.36	0.18 / 0.29	0.07	0.14 / 0.23	0.35	0.81 / 1.30	2.9	3.1 / 5.1	Samples received at > 6 deg C

Table 8 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gross Alpha/Beta and Gamma-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	GROSSA (pCi/g)	UNC / MDA	GROSSB (pCi/g)	UNC / MDA	Ac-228 (pCi/g)	UNC / MDA	Ag-110m (pCi/g)	UNC / MDA	Al-26 (pCi/g)	UNC / MDA	Am-241 (pCi/g)	UNC / MDA	Be-7 (pCi/g)	UNC / MDA	Comments
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	DUP	7/22/2001 19:00:00	NA	___	NA	___	NA	___	NA	___	NA	___	NA	___	NA	___	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	NA	___	NA	___	1.23	0.51 / 0.96	-0.04	0.16 / 0.32	0.00	0.00 / 0.07	0.20	1.10 / 1.90	1.7	4.0 / 7.0	Samples received at > 6 deg C/Al-26 spectral quality prevents accurate quantitation
WA-2.9	PARA	UF	DUP	8/3/2001 13:54:00	NA	___	NA	___	1.04	0.42 / 0.74	-0.22	0.24 / 0.45	-0.02	0.11 / 0.22	-0.33	0.52 / 0.93	1.5	3.8 / 6.4	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	NA	___	NA	___	1.93	0.86 / 1.30	0.09	0.22 / 0.40	0.11	0.20 / 0.34	-0.09	0.18 / 0.34	2.4	5.4 / 9.4	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	NA	___	NA	___	2.23	0.79 / 1.10	0.13	0.20 / 0.33	0.06	0.12 / 0.22	-1.10	1.30 / 2.40	4.3	5.2 / 8.3	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 16 for location details, if any

Table 9 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	Bi-212 (pCi/g)	UNC / MDA	Bi-214 (pCi/g)	UNC / MDA	Cd-109 (pCi/g)	UNC / MDA	Ce-139 (pCi/g)	UNC / MDA	Ce-144 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed															
Los Alamos Canyon															
LA-5.0	PARA	UF	CS	7/2/2001	0.1	3.1 / 5.3	1.14	0.91 / 1.80	2.8	6.1 / 10.0	-0.20	0.23 / 0.39	0.75	0.89 / 1.40	
LA-5.0	PARA	UF	DUP	7/2/2001	2.2	1.7 / 2.6	0.38	0.81 / 1.30	0.7	7.8 / 13.0	-0.15	0.14 / 0.24	-0.02	0.90 / 1.50	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	2.7	3.2 / 5.2	-1.00	1.10 / 1.90	-2.6	6.4 / 11.0	0.11	0.23 / 0.38	0.30	1.20 / 2.00	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	3.5	4.3 / 6.9	0.50	1.30 / 2.20	2.5	6.9 / 11.0	-0.14	0.33 / 0.55	-0.50	1.60 / 2.70	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	3.0	1.4 / 2.0	0.27	0.82 / 1.30	1.9	7.6 / 13.0	-0.08	0.16 / 0.27	-1.13	0.98 / 1.60	
Pueblo Canyon															
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	1.9	1.6 / 2.6	1.15	0.36 / 0.43	4.4	3.0 / 4.6	-0.04	0.12 / 0.21	0.18	0.59 / 1.00	
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	NA	___	NA	___	NA	___	NA	___	NA	___	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	1.0	3.4 / 5.7	0.70	1.20 / 1.90	-0.6	3.1 / 5.3	-0.07	0.23 / 0.38	-1.00	1.90 / 3.10	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	-0.7	2.0 / 4.1	1.64	0.62 / 0.68	2.1	5.0 / 8.5	-0.14	0.17 / 0.33	-0.58	0.96 / 1.80	

Table 9 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	Bi-212 (pCi/g)	UNC / MDA	Bi-214 (pCi/g)	UNC / MDA	Cd-109 (pCi/g)	UNC / MDA	Ce-139 (pCi/g)	UNC / MDA	Ce-144 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed															
Pueblo Canyon															
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	1.7	2.3 / 3.7	1.30	0.53 / 0.59	4.3	2.5 / 3.6	-0.06	0.11 / 0.22	0.47	0.60 / 0.97	Cd-109 nuclide identification and/or quantitation is tentative
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	2.6	1.7 / 2.5	1.41	0.41 / 0.48	3.7	2.4 / 3.5	-0.12	0.13 / 0.23	-0.20	0.67 / 1.20	
Pajarito Watershed															
Pajarito Canyon															
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	1.0	2.5 / 4.5	1.39	0.60 / 0.68	3.0	2.6 / 4.0	0.10	0.13 / 0.21	0.47	0.64 / 1.10	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	0.5	1.7 / 2.9	1.10	0.41 / 0.53	4.2	2.7 / 4.0	-0.07	0.14 / 0.24	0.31	0.67 / 1.10	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	3.0	3.2 / 5.2	0.30	1.00 / 1.70	4.6	4.0 / 6.5	-0.08	0.28 / 0.47	0.00	2.30 / 3.80	
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	3.2	3.4 / 5.6	-0.70	1.20 / 2.00	1.4	2.9 / 4.8	-0.11	0.26 / 0.44	0.90	1.30 / 2.10	Samples received at < 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	1.5	4.3 / 7.1	0.60	1.30 / 2.10	1.9	7.1 / 12.0	-0.18	0.36 / 0.61	0.30	1.70 / 2.80	Samples received at < 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	1.6	1.4 / 2.2	0.15	0.81 / 1.30	3.9	7.6 / 12.0	-0.14	0.19 / 0.31	0.00	1.00 / 1.70	Samples received at < 6 deg C

Table 9 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 2

STATION NAME	LAB	F/UF	CODE	DATE TIME	Bi-212 (pCi/g)	UNC / MDA	Bi-214 (pCi/g)	UNC / MDA	Cd-109 (pCi/g)	UNC / MDA	Ce-139 (pCi/g)	UNC / MDA	Ce-144 (pCi/g)	UNC / MDA	Comments
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	DUP	7/22/2001 19:00:00	NA	___	NA	___	NA	___	NA	___	NA	___	Samples received at < 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	3.1	2.2 / 2.9	1.07	0.45 / 0.50	3.6	3.0 / 4.5	0.06	0.14 / 0.24	0.50	0.78 / 1.30	Samples received at < 6 deg C
WA-2.9	PARA	UF	DUP	8/3/2001 13:54:00	0.7	1.8 / 3.0	1.16	0.39 / 0.49	2.5	2.8 / 4.5	-0.05	0.13 / 0.24	-0.20	0.67 / 1.20	Samples received at < 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	2.6	2.7 / 4.1	1.13	0.62 / 0.82	3.6	2.4 / 3.5	-0.05	0.14 / 0.27	0.40	0.80 / 1.40	Samples received at < 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	2.6	2.5 / 3.9	1.26	0.54 / 0.63	4.5	5.1 / 8.3	-0.01	0.17 / 0.31	-0.36	0.88 / 1.70	Samples received at < 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 16 for location details, if any

Table 10 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	Co-56 (pCi/g)	UNC / MDA	Co-57 (pCi/g)	UNC / MDA	Co-58 (pCi/g)	UNC / MDA	Co-60 (pCi/g)	UNC / MDA	Cr-51 (pCi/g)	UNC / MDA	Cs-134 (pCi/g)	UNC / MDA	Cs-137 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	UF	CS	7/2/2001	0.25	0.71 / 1.20	0.070	0.180 / 0.300	-0.16	0.42 / 0.73	0.04	0.24 / 0.41	-5.0	10.0 / 17.0	-0.100	0.240 / 0.410	0.90	0.31 / 0.41	
LA-5.0	PARA	UF	DUP	7/2/2001	0.19	0.79 / 1.30	0.040	0.120 / 0.190	0.19	0.36 / 0.58	0.01	0.14 / 0.23	-5.9	5.9 / 9.8	0.030	0.220 / 0.360	0.91	0.21 / 0.22	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	-0.49	0.96 / 1.70	-0.010	0.130 / 0.220	0.05	0.53 / 0.91	-0.01	0.26 / 0.45	-3.0	20.0 / 34.0	0.010	0.240 / 0.400	0.24	0.22 / 0.34	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	0.40	1.30 / 2.20	-0.080	0.210 / 0.350	-0.09	0.67 / 1.20	-0.23	0.34 / 0.60	18.0	26.0 / 43.0	0.180	0.460 / 0.770	0.87	0.34 / 0.47	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	-0.40	1.10 / 1.80	0.070	0.120 / 0.200	-0.01	0.32 / 0.53	-0.03	0.14 / 0.24	0.0	12.0 / 21.0	0.095	0.096 / 0.170	0.56	0.17 / 0.22	
Pueblo Canyon																			
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	0.00	0.78 / 1.50	-0.070	0.140 / 0.250	-0.04	0.34 / 0.69	-0.07	0.18 / 0.39	-1.0	15.0 / 27.0	-0.100	0.170 / 0.350	1.85	0.49 / 0.31	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	0.89	0.82 / 1.20	0.064	0.082 / 0.130	-0.27	0.38 / 0.82	0.08	0.18 / 0.32	10.8	8.9 / 13.0	0.000	0.170 / 0.320	1.23	0.37 / 0.28	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	0.43	0.50 / 0.81	0.047	0.083 / 0.140	0.09	0.25 / 0.43	-0.01	0.13 / 0.24	2.4	7.7 / 13.0	0.320	0.840 / 1.400	1.42	0.32 / 0.23	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	0.37	0.49 / 0.81	-0.010	0.081 / 0.140	-0.13	0.25 / 0.48	-0.06	0.14 / 0.26	4.3	9.0 / 15.0	0.570	0.810 / 1.300	1.43	0.32 / 0.21	

Table 10 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	Co-56 (pCi/g)	UNC / MDA	Co-57 (pCi/g)	UNC / MDA	Co-58 (pCi/g)	UNC / MDA	Co-60 (pCi/g)	UNC / MDA	Cr-51 (pCi/g)	UNC / MDA	Cs-134 (pCi/g)	UNC / MDA	Cs-137 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed																			
Pueblo Canyon																			
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	1.00	1.20 / 2.00	0.050	0.150 / 0.240	-0.12	0.74 / 1.30	-0.40	0.34 / 0.61	-8.0	23.0 / 39.0	-0.160	0.270 / 0.470	0.20	0.21 / 0.34	
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	-0.35	0.91 / 1.90	0.011	0.084 / 0.150	-0.18	0.51 / 1.10	0.06	0.22 / 0.42	7.0	13.0 / 22.0	0.070	0.190 / 0.340	1.57	0.47 / 0.35	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	0.04	0.57 / 1.00	-0.007	0.085 / 0.150	-0.02	0.30 / 0.54	0.07	0.12 / 0.20	2.0	11.0 / 19.0	0.030	0.210 / 0.350	3.04	0.58 / 0.22	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	0.30	1.10 / 1.80	0.070	0.200 / 0.330	0.04	0.62 / 1.10	-0.21	0.25 / 0.45	-28.0	30.0 / 52.0	-0.120	0.260 / 0.440	1.01	0.29 / 0.32	
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	0.40	1.20 / 2.00	-0.080	0.140 / 0.250	0.08	0.72 / 1.20	0.15	0.27 / 0.45	14.0	38.0 / 62.0	-0.270	0.340 / 0.590	0.51	0.25 / 0.37	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	0.10	1.60 / 2.70	0.140	0.220 / 0.370	-0.10	0.95 / 1.60	-0.19	0.37 / 0.65	-15.0	47.0 / 80.0	0.050	0.460 / 0.770	0.27	0.25 / 0.40	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	-0.20	1.40 / 2.40	0.020	0.130 / 0.220	-0.54	0.60 / 1.00	-0.09	0.14 / 0.24	-15.0	22.0 / 38.0	-0.170	0.220 / 0.380	0.14	0.13 / 0.22	Samples received at > 6 deg C

Table 10 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 3

STATION NAME	LAB	F/UF	CODE	DATE TIME	Co-56 (pCi/g)	UNC / MDA	Co-57 (pCi/g)	UNC / MDA	Co-58 (pCi/g)	UNC / MDA	Co-60 (pCi/g)	UNC / MDA	Cr-51 (pCi/g)	UNC / MDA	Cs-134 (pCi/g)	UNC / MDA	Cs-137 (pCi/g)	UNC / MDA	Comments
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	DUP	7/22/2001 19:00:00	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	0.01	0.64 / 1.20	-0.020	0.100 / 0.190	-0.18	0.33 / 0.71	-0.05	0.09 / 0.24	-10.0	15.0 / 30.0	-0.180	0.150 / 0.320	1.55	0.41 / 0.26	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	8/3/2001 13:54:00	0.54	0.55 / 0.87	0.012	0.082 / 0.140	-0.02	0.34 / 0.62	0.04	0.13 / 0.22	-10.0	12.0 / 23.0	0.100	1.200 / 2.000	1.40	0.32 / 0.21	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	0.64	0.97 / 1.60	0.030	0.095 / 0.170	0.13	0.46 / 0.86	0.00	0.22 / 0.46	-4.0	16.0 / 31.0	-0.120	0.190 / 0.400	1.33	0.44 / 0.40	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	-0.11	0.90 / 1.70	0.030	0.110 / 0.190	-0.29	0.37 / 0.83	-0.08	0.13 / 0.33	-6.0	15.0 / 29.0	-0.110	0.170 / 0.350	1.87	0.49 / 0.35	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 16 for location details, if any

Table 11 - NMED DOE Oversight Bureau 2001 Storm WaterSuspended Sediment Analytical Results: Gamma-Spec 4

STATION NAME	LAB	F/UF	CODE	DATE TIME	Eu-152 (pCi/g)	UNC MDA	Eu-154 (pCi/g)	UNC MDA	Eu-155 (pCi/g)	UNC MDA	Fe-59 (pCi/g)	UNC MDA	H-3 (pCi/g)	UNC MDL	I-131 (pCi/g)	UNC MDA	K-40 (pCi/g)	UNC MDA	Comments
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	UF	CS	7/2/2001	0.60	1.60 / 2.70	-0.80	1.30 / 2.30	-0.33	0.73 / 1.20	-1.00	1.70 / 3.00	NA	____	-49.0	91.0 / 160.0	14.4	6.8 / 10.0	
LA-5.0	PARA	UF	DUP	7/2/2001	0.98	0.68 / 1.10	-0.51	0.74 / 1.30	-0.37	0.45 / 0.75	0.84	0.74 / 1.20	NA	____	24.0	58.0 / 96.0	15.4	4.8 / 6.4	
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	-0.80	1.70 / 2.90	0.00	1.40 / 2.40	-0.19	0.84 / 1.40	2.70	2.40 / 3.80	NA	____	-100.0	1,500.0 / 2,500.0	13.5	7.2 / 11.0	I-131 data are not usable
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	2.80	2.50 / 4.00	-1.20	2.00 / 3.50	-0.56	0.80 / 1.40	2.20	2.90 / 4.80	NA	____	-1,700.0	1,800.0 / 3,200.0	9.6	9.9 / 16.0	I-131 data are not usable
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	-0.20	1.70 / 2.90	-0.33	0.71 / 1.20	0.10	0.45 / 0.74	1.50	1.20 / 1.80	NA	____	130.0	830.0 / 1,400.0	12.6	4.6 / 6.6	I-131 data are not usable
Pueblo Canyon																			
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	-0.19	0.93 / 1.70	0.25	0.61 / 1.10	0.16	0.28 / 0.47	0.40	1.00 / 1.80	NA	____	-120.0	500.0 / 900.0	24.5	5.1 / 2.6	I-131 data are not usable
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	0.50	2.20 / 3.80	-1.50	1.60 / 2.80	0.06	0.47 / 0.79	-1.40	2.90 / 5.20	NA	____	-800.0	2,500.0 / 4,300.0	14.9	8.5 / 13.0	I-131 data are not usable
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	0.10	1.40 / 2.70	0.33	0.78 / 1.40	0.25	0.39 / 0.66	0.00	1.10 / 2.20	NA	____	240.0	810.0 / 1,400.0	20.8	5.8 / 3.3	I-131 data are not usable
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	0.40	1.30 / 2.40	0.46	0.80 / 1.40	0.28	0.28 / 0.44	0.80	1.40 / 2.40	NA	____	-190.0	570.0 / 1,100.0	23.7	6.7 / 4.1	I-131 data are not usable
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	0.85	0.94 / 1.50	0.18	0.69 / 1.20	-0.19	0.30 / 0.54	-0.38	0.90 / 1.70	NA	____	380.0	340.0 / 540.0	26.4	5.5 / 3.1	I-131 data are not usable

Table 11 - NMED DOE Oversight Bureau 2001 Storm WaterSuspended Sediment Analytical Results: Gamma-Spec 4

STATION NAME	LAB	F/UF	CODE	DATE TIME	Eu-152 (pCi/g)	UNC MDA	Eu-154 (pCi/g)	UNC MDA	Eu-155 (pCi/g)	UNC MDA	Fe-59 (pCi/g)	UNC MDA	H-3 (pCi/g)	UNC MDL	I-131 (pCi/g)	UNC MDA	K-40 (pCi/g)	UNC MDA	Comments
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	0.20	1.60 / 3.10	-0.42	0.93 / 2.10	0.42	0.30 / 0.42	0.50	1.90 / 3.60	NA	____	-400.0	1,300.0 / 2,600.0	21.4	6.6 / 4.4	I-131 data are not usable
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	-0.39	0.74 / 1.50	-0.22	0.70 / 1.30	0.03	0.32 / 0.56	-0.10	1.10 / 1.90	NA	____	-190.0	920.0 / 1,600.0	26.0	5.4 / 2.8	I-131 data are not usable
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	-0.10	1.50 / 2.60	-0.90	1.30 / 2.30	-0.59	0.72 / 1.20	1.30	2.40 / 4.00	NA	____	2,500.0	3,700.0 / 6,000.0	10.5	7.4 / 12.0	I-131 data are not usable
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	-0.60	1.70 / 2.90	-0.50	1.40 / 2.40	0.11	0.86 / 1.40	-5.50	5.10 / 9.00	NA	____	-9,000.0	12,000.0 / 20,000.0	13.5	7.1 / 11.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	-0.70	2.30 / 4.10	-2.10	2.00 / 3.50	-0.22	0.81 / 1.40	0.20	4.30 / 7.30	NA	____	13,000.0	14,000.0 / 23,000.0	8.1	9.6 / 16.0	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	-0.40	1.80 / 2.90	-0.47	0.73 / 1.20	0.02	0.46 / 0.76	1.90	1.70 / 2.80	NA	____	-7,000.0	9,600.0 / 16,000.0	12.7	4.6 / 6.6	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 19:00:00	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	-0.12	0.46 / 1.30	0.28	0.81 / 1.50	0.02	0.36 / 0.65	-0.50	1.60 / 3.30	NA	____	100.0	1,200.0 / 2,200.0	17.4	4.8 / 2.5	Samples received at > 6 deg C/I-131 data are not usable
WA-2.9	PARA	UF	DUP	8/3/2001 13:54:00	0.16	0.83 / 1.50	0.37	0.68 / 1.20	-0.06	0.32 / 0.56	-0.60	1.10 / 2.10	NA	____	800.0	1,100.0 / 1,900.0	24.5	5.3 / 3.3	Samples received at > 6 deg C/I-131 data are not usable
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	-0.20	1.50 / 3.10	0.00	0.79 / 1.70	0.17	0.31 / 0.52	-0.20	1.90 / 3.90	NA	____	-300.0	1,600.0 / 3,100.0	20.4	6.4 / 3.8	Samples received at > 6 deg C/I-131 data are not usable

Table 11 - NMED DOE Oversight Bureau 2001 Storm WaterSuspended Sediment Analytical Results: Gamma-Spec 4

STATION NAME	LAB	F/UF	CODE	DATE TIME	Eu-152 (pCi/g)	UNC / MDA	Eu-154 (pCi/g)	UNC / MDA	Eu-155 (pCi/g)	UNC / MDA	Fe-59 (pCi/g)	UNC / MDA	H-3 (pCi/g)	UNC / MDL	I-131 (pCi/g)	UNC / MDA	K-40 (pCi/g)	UNC / MDA	Comments
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	0.52	0.94 / 1.60	0.21	0.94 / 1.70	-0.15	0.46 / 0.85	0.70	1.30 / 2.20	NA	____	-400.0	1,300.0 / 2,500.0	23.4	6.2 / 3.2	Samples received at > 6 deg C/I-131 data are not usable

NOTE: Uncertainty is 2 sigma
If result is less than MDA or MDL it is considered a non-detect

See Table 16 for location details, if any

Table 12 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 5

STATION NAME	LAB	F/UF	CODE	DATE TIME	Mn-54 (pCi/g)	UNC / MDA	Na-22 (pCi/g)	UNC / MDA	Nb-94 (pCi/g)	UNC / MDA	Nb-95 (pCi/g)	UNC / MDA	Pa-234M (pCi/g)	UNC / MDA	Pb-212 (pCi/g)	UNC / MDA	Pb-214 (pCi/g)	UNC / MDA	Comments
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	UF	CS	7/2/2001	0.20	0.27 / 0.43	-0.17	0.26 / 0.46	-0.14	0.24 / 0.42	0.10	0.48 / 0.82	18.0	40.0 / 66.0	0.58	0.75 / 1.20	0.77	0.53 / 0.93	
LA-5.0	PARA	UF	DUP	7/2/2001	-0.11	0.15 / 0.26	-0.02	0.15 / 0.25	0.03	0.13 / 0.21	0.78	0.38 / 0.56	35.0	22.0 / 35.0	0.56	0.51 / 0.82	0.79	0.75 / 1.20	Pa-234M nuclide identification is tentative
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	0.11	0.27 / 0.44	0.11	0.24 / 0.41	-0.18	0.23 / 0.40	0.38	0.63 / 1.00	5.0	40.0 / 68.0	-0.09	0.69 / 1.20	-0.67	0.97 / 1.60	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	0.01	0.37 / 0.63	0.03	0.34 / 0.58	0.02	0.31 / 0.52	0.92	0.87 / 1.40	47.0	54.0 / 87.0	0.26	0.72 / 1.20	0.40	1.00 / 1.70	
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	-0.10	0.15 / 0.26	-0.06	0.15 / 0.25	-0.15	0.13 / 0.21	-0.69	0.57 / 0.96	19.0	21.0 / 34.0	0.09	0.50 / 0.83	0.65	0.73 / 1.20	
Pueblo Canyon																			
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	0.16	0.20 / 0.31	-0.02	0.19 / 0.39	-0.05	0.18 / 0.35	-0.12	0.48 / 0.94	-13.0	20.0 / 47.0	2.69	0.67 / 0.53	1.92	0.51 / 0.51	
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	-0.12	0.21 / 0.43	-0.03	0.24 / 0.48	-0.01	0.16 / 0.30	0.03	0.43 / 0.82	-13.0	29.0 / 61.0	2.23	0.54 / 0.35	1.51	0.45 / 0.55	
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	0.00	0.14 / 0.25	-0.06	0.12 / 0.23	0.04	0.11 / 0.19	-0.20	0.29 / 0.54	17.0	21.0 / 35.0	2.48	0.52 / 0.33	1.36	0.35 / 0.40	
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	0.00	0.14 / 0.24	0.04	0.12 / 0.21	0.06	0.10 / 0.17	0.06	0.31 / 0.54	-4.0	18.0 / 34.0	2.23	0.48 / 0.33	1.17	0.32 / 0.40	

Table 12 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 5

STATION NAME	LAB	F/UF	CODE	DATE TIME	Mn-54 (pCi/g)	UNC MDA	Na-22 (pCi/g)	UNC MDA	Nb-94 (pCi/g)	UNC MDA	Nb-95 (pCi/g)	UNC MDA	Pa-234M (pCi/g)	UNC MDA	Pb-212 (pCi/g)	UNC MDA	Pb-214 (pCi/g)	UNC MDA	Comments
Los Alamos Watershed																			
Pueblo Canyon																			
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	NA	____	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	-0.06	0.35 / 0.61	-0.03	0.34 / 0.59	0.20	0.25 / 0.40	0.03	0.78 / 1.30	10.0	47.0 / 80.0	1.30	0.42 / 0.54	0.04	0.92 / 1.50	
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	0.10	0.15 / 0.25	0.03	0.25 / 0.49	0.03	0.14 / 0.26	-0.57	0.55 / 1.20	-4.0	29.0 / 61.0	1.44	0.48 / 0.50	1.08	0.41 / 0.63	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	-0.01	0.15 / 0.27	0.05	0.14 / 0.25	0.01	0.11 / 0.20	0.07	0.35 / 0.61	-9.0	21.0 / 39.0	2.13	0.47 / 0.35	1.41	0.37 / 0.45	
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	0.03	0.27 / 0.46	0.13	0.26 / 0.44	0.21	0.25 / 0.40	0.20	0.73 / 1.20	12.0	38.0 / 64.0	-0.07	0.77 / 1.30	0.17	0.92 / 1.50	
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	-0.10	0.28 / 0.49	0.04	0.27 / 0.45	0.14	0.23 / 0.39	0.51	0.83 / 1.40	13.0	39.0 / 65.0	-0.31	0.71 / 1.20	-0.95	0.94 / 1.60	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	0.02	0.38 / 0.65	-0.02	0.36 / 0.63	0.17	0.31 / 0.52	0.60	1.10 / 1.90	47.0	54.0 / 88.0	0.39	0.77 / 1.30	0.50	1.00 / 1.70	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	-0.05	0.16 / 0.28	0.02	0.15 / 0.25	0.01	0.13 / 0.21	0.28	0.49 / 0.81	15.0	21.0 / 35.0	0.75	0.54 / 0.86	0.35	0.72 / 1.20	Samples received at > 6 deg C

Table 12 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 5

STATION NAME	LAB	F/UF	CODE	DATE TIME	Mn-54 (pCi/g)	UNC MDA	Na-22 (pCi/g)	UNC MDA	Nb-94 (pCi/g)	UNC MDA	Nb-95 (pCi/g)	UNC MDA	Pa-234M (pCi/g)	UNC MDA	Pb-212 (pCi/g)	UNC MDA	Pb-214 (pCi/g)	UNC MDA	Comments
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	DUP	7/22/2001 19:00:00	NA	___	NA	___	NA	___	NA	___	NA	___	NA	___	NA	___	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	-0.08	0.17 / 0.35	0.01	0.13 / 0.27	0.04	0.14 / 0.24	0.15	0.47 / 0.85	11.0	20.0 / 35.0	1.88	0.51 / 0.47	1.42	0.41 / 0.48	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	8/3/2001 13:54:00	0.05	0.15 / 0.25	-0.05	0.15 / 0.27	-0.02	0.11 / 0.20	0.28	0.35 / 0.56	0.0	20.0 / 35.0	2.01	0.46 / 0.36	1.12	0.32 / 0.44	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	0.01	0.20 / 0.39	-0.26	0.23 / 0.56	0.05	0.18 / 0.32	0.14	0.70 / 1.30	-16.0	26.0 / 61.0	1.72	0.53 / 0.52	1.41	0.47 / 0.64	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	-0.08	0.22 / 0.43	-0.08	0.23 / 0.47	-0.04	0.17 / 0.33	0.30	0.41 / 0.66	-3.0	30.0 / 59.0	2.35	0.58 / 0.40	1.71	0.50 / 0.60	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 16 for location details, if any

Table 13 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec6

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ru-106 (pCi/g)	UNC MDA	Sb-124 (pCi/g)	UNC MDA	Sb-125 (pCi/g)	UNC MDA	Sc-46 (pCi/g)	UNC MDA	Sr-85 (pCi/g)	UNC MDA	Sr-90 (pCi/g)	UNC MDA	Tc-99 (pCi/g)	UNC MDA	Comments
Los Alamos Watershed																			
Los Alamos Canyon																			
LA-5.0	PARA	UF	CS	7/2/2001	-1.2	2.3 / 4.0	-0.20	0.52 / 0.89	0.14	0.58 / 1.10	0.20	0.36 / 0.60	NA	___	0.26	0.15 / 0.22	NA	___	Sr-90 result is < requested MDC. > sample specific MDC
LA-5.0	PARA	UF	DUP	7/2/2001	-2.0	1.4 / 2.4	1.66	0.41 / 0.45	0.12	0.31 / 0.56	-0.18	0.22 / 0.37	NA	___	NA	___	NA	___	Sb-124 nuclide identification is tentative
LA-5.0	PARA	UF	CS	8/16/2001 20:14:00	0.6	2.4 / 4.0	-0.11	0.71 / 1.20	0.15	0.53 / 0.88	0.06	0.50 / 0.84	NA	___	-0.11	0.13 / 0.22	NA	___	
LA-5.0	PARA	UF	CS	8/16/2001 21:10:00	-2.2	3.3 / 5.7	2.15	0.97 / 1.40	0.54	0.75 / 1.30	-0.29	0.69 / 1.20	NA	___	0.08	0.13 / 0.22	NA	___	Sb-124 nuclide identification is tentative
LA-5.0	PARA	UF	CS	8/16/2001 22:40:00	-1.6	1.5 / 2.5	-1.46	0.71 / 1.20	0.11	0.30 / 0.56	-0.15	0.29 / 0.49	NA	___	0.60	0.17 / 0.20	NA	___	
Pueblo Canyon																			
PU-0.3	PARA	UF	CS	8/11/2001 14:58:00	-1.1	1.3 / 2.4	0.08	0.36 / 0.63	0.15	0.30 / 0.51	0.02	0.23 / 0.41	NA	___	0.31	0.15 / 0.23	NA	___	Sr-90 result is < requested MDC, > sample specific MDC/Chemical Yield is in control at 100-110 %. Quantitative yield is assumed.
PU-0.3	PARA	UF	DUP	8/11/2001 14:58:00	NA	___	NA	___	NA	___	NA	___	NA	___	0.03	0.15 / 0.25	NA	___	
PU-0.3	PARA	UF	CS	8/11/2001 15:56:00	1.1	2.7 / 4.5	-0.24	0.85 / 1.50	0.57	0.66 / 1.10	-0.21	0.62 / 1.10	NA	___	0.17	0.15 / 0.24	NA	___	
PU-0.3	PARA	UF	CS	8/11/2001 17:17:00	1.9	1.9 / 2.9	0.20	0.50 / 0.88	0.10	0.43 / 0.76	-0.07	0.34 / 0.69	NA	___	0.21	0.14 / 0.22	NA	___	

Table 13 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec6

STATION NAME	LAB	F/UF	CODE	DATE TIME	Ru-106 (pCi/g)	UNC MDA	Sb-124 (pCi/g)	UNC MDA	Sb-125 (pCi/g)	UNC MDA	Sc-46 (pCi/g)	UNC MDA	Sr-85 (pCi/g)	UNC MDA	Sr-90 (pCi/g)	UNC MDA	Tc-99 (pCi/g)	UNC MDA	Comments
Los Alamos Watershed																			
Pueblo Canyon																			
PU-0.3	PARA	UF	CS	8/16/2001 20:37:00	-0.3	1.4/2.8	0.08	0.48/0.87	-0.12	0.40/0.78	0.33	0.31/0.44	NA	___	0.25	0.13/0.20	NA	___	Sr-90 result is < requested MDC, > sample specific MDC/Chemical Yield is in control at 100-110 %. Quantitative yield is assumed.
PU-0.3	PARA	UF	CS	8/16/2001 21:37:00	-0.2	1.3/2.3	0.20	0.33/0.55	0.23	0.30/0.48	-0.20	0.23/0.44	NA	___	0.24	0.13/0.21	NA	___	Sr-90 result is < requested MDC, > sample specific MDC
Pajarito Watershed																			
Pajarito Canyon																			
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	-0.2	1.7/3.3	0.41	0.59/0.97	0.11	0.47/0.85	0.17	0.30/0.52	NA	___	0.42	0.17/0.24	NA	___	Sr-90 result is < requested MDC, > sample specific MDC
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	-1.7	1.4/2.6	0.25	0.41/0.69	0.27	0.32/0.51	-0.21	0.24/0.47	NA	___	0.38	0.16/0.23	NA	___	Sr-90 result is < requested MDC, > sample specific MDC
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	-0.9	2.6/4.5	-0.23	0.86/1.50	0.29	0.61/1.10	-0.10	0.50/0.87	NA	___	0.30	0.15/0.24	NA	___	Sr-90 result is < requested MDC, > sample specific MDC
Water Canyon Watershed																			
Water Canyon																			
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	0.9	2.4/4.0	-0.49	0.95/1.60	0.09	0.55/0.95	-0.77	0.64/1.10	NA	___	0.40	0.21/0.33	NA	___	Samples received at > 6 deg C/Sr-90 result is < requested MDC, > sample specific MDC
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	-0.4	3.3/5.7	1.80	1.20/1.90	0.32	0.81/1.40	0.10	0.79/1.40	NA	___	NA	___	NA	___	Samples received at > 6 deg C

Table 14 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 7

STATION NAME	LAB	F/UF	CODE	DATE TIME	Th-227 (pCi/g)	UNC / MDA	Th-234 (pCi/g)	UNC / MDA	Tl-208 (pCi/g)	UNC / MDA	U-235 (pCi/g)	UNC / MDA	Zn-65 (pCi/g)	UNC / MDA	Comments
Pajarito Watershed															
Pajarito Canyon															
PA-4.54	PARA	UF	CS	8/5/2001 19:00:00	-0.10	2.20 / 3.70	-0.6	8.1 / 13.0	0.10	0.44 / 0.74	1.10	1.20 / 2.00	-0.34	0.65 / 1.10	
PA-10.4	PARA	UF	CS	8/5/2001 17:00:00	0.20	1.00 / 1.80	1.5	1.7 / 2.8	0.57	0.25 / 0.24	-0.08	0.56 / 1.10	-0.10	0.57 / 1.20	
PA-4.54	PARA	UF	CS	8/5/2001 18:00:00	-0.80	0.96 / 1.80	4.6	2.3 / 3.3	0.41	0.17 / 0.22	-0.16	0.63 / 1.10	-0.39	0.40 / 0.77	
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	CS	7/22/2001 18:25:00	-0.20	1.60 / 2.70	2.2	4.4 / 7.3	0.15	0.51 / 0.93	1.40	1.10 / 1.70	-0.47	0.69 / 1.20	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 18:25:00	-0.30	2.50 / 4.10	0.4	9.3 / 15.0	0.39	0.31 / 0.48	1.80	1.30 / 2.10	-1.13	0.94 / 1.70	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	7/22/2001 19:00:00	-2.10	1.30 / 2.10	4.8	4.7 / 8.1	0.24	0.28 / 0.46	1.05	0.78 / 1.20	-0.65	0.59 / 1.00	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	7/22/2001 19:00:00	NA	—	NA	—	NA	—	NA	—	NA	—	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 13:54:00	-0.30	1.20 / 2.20	2.3	2.2 / 3.5	0.43	0.21 / 0.26	0.07	0.71 / 1.20	-0.23	0.49 / 0.99	Samples received at > 6 deg C
WA-2.9	PARA	UF	DUP	8/3/2001 13:54:00	-0.02	0.97 / 1.70	2.6	1.8 / 2.7	0.47	0.18 / 0.21	-0.25	0.64 / 1.10	0.39	0.55 / 1.00	Samples received at > 6 deg C
WA-2.9	PARA	UF	CS	8/3/2001 14:14:00	0.70	1.20 / 1.80	1.9	1.3 / 2.6	0.61	0.28 / 0.31	0.05	0.58 / 1.10	-1.32	0.77 / 1.80	Samples received at > 6 deg C

Table 14 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: Gamma-Spec 7

STATION NAME	LAB	F/UF	CODE	DATE TIME	Th-227 (pCi/g)	UNC / MDA	Th-234 (pCi/g)	UNC / MDA	Tl-208 (pCi/g)	UNC / MDA	U-235 (pCi/g)	UNC / MDA	Zn-65 (pCi/g)	UNC / MDA	Comments
Water Canyon Watershed															
Water Canyon															
WA-2.9	PARA	UF	CS	8/3/2001 15:59:00	0.60	1.40 / 2.20	-0.1	2.6 / 4.6	0.67	0.26 / 0.28	0.45	0.80 / 1.40	-0.21	0.54 / 1.10	Samples received at > 6 deg C

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 16 for location details, if any

Table 15 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Analytical Results: RAD Mass-Spec 1

STATION NAME	LAB	F/UF	CODE	DATE TIME	U-234 (pCi/g)	UNC / MDA	U-235 (pCi/g)	UNC / MDA	U-238 (pCi/g)	UNC / MDA	Comments
Mortandad Watershed											
Canada del Buey											
46-1B	ENVIR	UF	CS	8/20/2001	4.3	0.4 / 0.6	0.2	0.0 / 0.0	5.3	0.5 / 0.0	
46-1B	ENVIR	UF	CS	8/20/2001	4.3	0.5 / 0.6	0.2	0.0 / 0.0	5.1	0.5 / 0.0	
46-1D	ENVIR	UF	CS	9/4/2001	2.1	0.2 / 0.6	0.1	0.0 / 0.0	3.1	0.3 / 0.0	
46-1D ALT	ENVIR	UF	CS	9/4/2001	1.7	0.2 / 0.6	0.1	0.0 / 0.0	2.4	0.2 / 0.0	
46-2A	ENVIR	UF	CS	8/14/2001	270.0	27.0 / 0.6	9.9	1.0 / 0.0	2.6	0.3 / 0.0	
46-2C	ENVIR	UF	CS	7/24/2001	280.0	28.0 / 0.6	10.0	1.0 / 0.0	3.1	0.3 / 0.0	
46-C3 ALT	ENVIR	UF	CS	9/4/2001	1.3	0.2 / 0.6	0.1	0.0 / 0.0	2.0	0.2 / 0.0	
46-C4 ALT	ENVIR	UF	CS	9/4/2001	1.6	0.2 / 0.6	0.1	0.0 / 0.0	2.7	0.3 / 0.0	

NOTE: Uncertainty is 2 sigma
If result is less than MDA it is considered a non-detect

See Table 16 for location details, if any

Table 16 - NMED DOE Oversight Bureau 2001 Storm Water Suspended Sediment Sampling Locations

STATION NAME	X_COORD	Y_COORD
46-1A	1,630,579.5	1,766,556.3
46-1B	1,630,775.8	1,766,777.4
46-1C	1,630,827.2	1,766,594.0
46-1C ALT	1,630,827.2	1,766,594.0
46-1D	1,630,911.8	1,766,767.6
46-1D ALT	1,630,911.8	1,766,767.6
46-2A	1,630,869.3	1,766,309.9
46-2B1 ALT	1,631,100.7	1,766,669.0
46-2B2	1,631,083.7	1,766,624.5
46-2B3	1,631,050.3	1,766,562.9
46-2B4	1,631,068.5	1,766,596.6
46-2B4 ALT	1,631,068.5	1,766,596.6
46-2C	1,631,160.9	1,766,479.2
46-2D	1,631,246.5	1,766,622.5
46-C2	1,630,348.8	1,767,059.7
46-C2 ALT.1	1,630,348.8	1,767,059.7
46-C2 ALT.2	1,630,348.8	1,767,059.7
46-C3 ALT	1,629,899.6	1,766,904.5
46-C4	1,629,929.7	1,767,131.4
46-C4 ALT	1,629,929.7	1,767,131.4
LA-5.0	1,649,981.9	1,770,888.3
PA-10.4	1,610,038.9	1,771,142.5
PA-4.54	1,636,543.9	1,760,489.2
PU-0.3	1,650,194.4	1,772,262.0
WA-2.9	1,641,089.3	1,748,501.6

Table 16 ...ED DOE Oversight Bureau 2000 Storm Water Chlorinated Herbicides-1

Date	7/18/2000		9/8/200		9/8/200		9/8/200	
Time	16:58		16:30		16:50		18:00	
Sample Location	Los Alamos Canyon Skate Rink Gage		North Tributary of Pueblo Canyon west of Diamond Drive		Pueblo Canyon @ confluence with Pueblo North (PUN)		Pueblo Canyon above Bayo POTW	
Sample ID	LA 11.0		PU 0.01		PU 6.7		PU 2.0	
COMPOUND	CONCENTRATION mg/kg	D L	CONCENTRATION mg/kg	D L	CONCENTRATION mg/kg	D L	CONCENTRATION mg/kg	D.L.
Chlorinated Herbicides								
Dalapon	U	0.20	<0.20	0.16	<0.20	0.16	<0.20	0.21
2,4-DB	U	0.04	<0.20	0.20	<0.20	0.19	<0.30	0.25
Dicamba	U	0.04	<0.07	0.069	<0.070	0.066	<0.090	0.087
2,4-Dichlorophenoxyacetic acid (2,4-D)	U	0.04	<0.10	0.13	<0.10	0.13	<0.20	0.17
Dichloroprop	U	0.04	<0.10	0.095	<0.090	0.092	<0.10	0.12
Dinoseb	U	0.04	<0.050	0.052	<0.050	0.051	<0.070	0.067
MCPA	U	2.0	<20.0	15.0	<20.0	15.0	<20.0	19.0
MCPP	U	2.0	<10.0	13.0	<10.0	13.0	<20.0	17.0
Silvex	U	0.04						
2,4,5-T	U	0.04	<0.20	0.16	<0.20	0.16	<0.20	0.21
4-Nitrophenol			<0.3	0.3	<0.30	0.29	<0.40	0.38
Pentachlorophenol			<0.08	0.077	<0.08	0.075	<0.10	0.098
2,4,5-TP			<0.1	0.1	<0.1	0.1	<0.10	0.13

U - Not detected