SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN APRIL 2009

INTRODUCTION

This report provides preliminary information to the New Mexico Environment Department (NMED) concerning recent groundwater monitoring data obtained by the Los Alamos National Laboratory (the Laboratory) under its interim monitoring plan. This report contains results for chemical constituents that meet the seven screening criteria laid out in the Compliance Order on Consent (Consent Order), modified May 13, 2008. The report covers groundwater samples taken from wells or springs (listed in the accompanying table) that provide surveillance of the groundwater zones indicated in the table.

The report includes one table, *Table 1: NMED 4-09 Groundwater Report*. This table contains numerous values, often because new data are reported when they are detected for the first time since June 14, 2007, or are greater than other data collected since that time (as specified in the Consent Order). These reported data are often similar to data gathered before June 14, 2007. Over time, the data that exceed the reference data are expected to be reduced substantially.

This table includes additional comments on the significance of the results for those that appear to be exceptional or are first-time occurrences of results based on considering monitoring data acquired before June 14, 2007 (using statistics described below).

The table contains supplemental information summarizing monitoring results obtained before June 14, 2007.

The table includes sampling date, the name of the well or spring, the location of the well or spring, the depth of the screened interval, the groundwater zone sampled, analytical result, detection limit, values for regulatory standards, and analytical and secondary validation qualifiers. Additional information describing the locations and analytical data is also included. All data have been through secondary validation. The definitions for abbreviations in the table may be found at http://www.lanl.gov/environment/all/racer.shtml.

In accordance with the Consent Order, the screening levels used include the U.S. Environmental Protection Agency (EPA) maximum contaminant levels (MCLs), the New Mexico groundwater standards, and the EPA Region 6 tap water screening levels (for compounds having no other regulatory standard). In the table, the EPA Region 6 tap water screening levels are identified as being for cancer (10^{-5} excess) or noncancer risk values. The data were screened using 10 times the EPA's 10^{-6} excess cancer risk values, as indicated in Section VIII.A.1 of the Consent Order.

Background levels applied in Criteria 2 and 5 are the most recent NMED-approved 95% upper tolerance limits for background for each groundwater zone as set forth in the "Groundwater Background Investigation Report," prepared under Section IV.A.3.d of the Consent Order.

Criteria 5 and 6 involve conclusions based on four consecutive samples. No results are included for these criteria in the table because few locations have been sampled a sufficient number of times since June 14, 2007, to meet the criteria.

DESCRIPTION OF TABLE

The table is divided into separate categories that correspond to the seven screening criteria in the Consent Order: these are labeled (in the first column) C1 through C6 for the numbered criteria and CA for

cases where the concentration of a constituent in a well screen or spring has not previously exceeded either the New Mexico Water Quality Control Commission (NMWQCC) standard or the federal MCLs. Some data meet more than one criterion and appear in the table multiple times. The criteria are as follows:

CA. The Respondents shall notify the Department orally within one business day after review of the analytical data if such data show detection of a contaminant in a well screen interval or spring at a concentration that exceeds either the NMWQCC water quality standard or the federal MCL if that contaminant has not previously exceeded such water quality standard or maximum contaminant level in such well screen interval or spring.

C1. Detection of a contaminant that is an organic compound in a spring or screened interval of a well if that contaminant has not previously been detected in the spring or screened interval.

C2. Detection of a contaminant that is a metal or other inorganic compound at a concentration above the background level in a spring or screened interval of a well if that contaminant has not previously exceeded the background level in the spring or screened interval.

C3. Detection of a contaminant in a spring or screened interval of a well at a concentration that exceeds either one-half the New Mexico water quality standard or one-half the federal maximum contaminant level, or if there is no such standard for the contaminant, one-half the EPA Region 6 human health medium-specific screening level for tap water, if that contaminant has not previously exceeded one-half such standard or screening level in the spring or screened interval.

C4. Detection of perchlorate in a spring or screened interval of a well at a concentration of 2 µg/L or greater if perchlorate at such concentration has not previously been detected in the spring or screened interval.

C5. Detection of a contaminant that is a metal or other inorganic compound in a spring or screened interval of a well at a concentration that exceeds 2 times the background level for the third consecutive sampling of the spring or screened interval.

C6. Detection of a contaminant in a spring or screened interval of a well at a concentration that exceeds either one-half the New Mexico water quality standard or one-half the federal MCL, and that has increased for the third consecutive sampling of that spring or screened interval.

The next seven columns of the table give information on monitoring results obtained over a longer time frame than samples collected after June 14, 2007. The columns provide summary statistics on for the samples collected since January 1, 2000, for the same analyte and field preparation (for example, filtered samples). The information includes the date of first sampling event included in the statistics, the numbers of sampling events and samples analyzed, the number of detections, and the minimum, maximum, and median concentration for detections. This information indicates whether the new result is consistent with the range of earlier data.

The subsequent columns contain location and sampling information:

Hdr 1—canyon where monitoring location is found

Zone—groundwater zone sampled by monitoring location (such as alluvial spring)

Location—monitoring location name

Port Depth—depth of top of well screen in feet (0 for springs, –1 if unknown)

Start Date—sample date

Fld QC Type Code—identifies samples that are field duplicates (definitions for these and other abbreviations may be found at http://www.lanl.gov/environment/all/racer.shtml)

Fld Prep—identifies whether samples are filtered or unfiltered

Lab Sample Type Code—indicates whether result is a primary (customer) sample or reanalysis

Anyl Suite—gives analytical suite (such as volatile organic compounds) for analyzed compound

Analyte Desc—name of analyte

Analyte—chemical symbol for analyte or CAS (Chemical Abstracts Service) number for organic compounds

Std Result—the analytical result in standard measurement units

Result/Median—the ratio of the Std Result to the median of all detections since 2000

LVL Type/Risk Code—the type of regulatory standard, screening level, or background value (indicating groundwater zone) used for comparison

Screen Level—the value of the LVL Type/Risk Code

Exceedance Ratio—the ratio of Std Result to LVL Type/Risk Code

Std Mdl—the method detection limit in standard measurement units

Std UOM— the standard units of measurement

Dilution Factor—amount by which the sample was diluted to measure the concentration

Lab Qual Code—the analytical laboratory qualifiers indicating analytical quality of the sample

Concat Flag Code—concatenated secondary validation qualifiers produced by an independent contractor who reviews data packages, verifying, for example, that holding times were met, that all documentation is present, and that analytical laboratory quality control measures were applied, documented, and kept within contract requirements

Concat Reason Code—concatenated secondary validation codes explaining assignment of qualifiers

Anyl Meth Code—analytical method number

Lab Code—analytical laboratory name

Comment—a comment on the analytical result

Table 1: NMED 4-09 Groundwater Report

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C1	40	47	02/23/02	22	130	58	4	Upper Los Alamos Canyon (includes DP Canyon)	Water Supply	O-4	1115	12/02/08		UF	CS	DRO	Total Petroleum Hydrocarbons Diesel Range Organics	TPH-DRO	81.3	1.40				51	ug/L	1	J	J	DR7c	SW-846:8015M_ EXTRACTABLE	GELC	
C1	1	1	02/20/09	1.19	1.19	1.19	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		UF	CS	VOA	Toluene	108-88-3	1.19	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	9	10	06/29/06	0.318	0.318	0.318	1	Sandia Canyon	Regional	R-10	874	02/12/09		UF	CS	VOA	Chloromethane	74-87-3	0.318	1.00	EPA TAP SCRN LVL C-5	21.345	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	11	15	11/30/05	9.69	9.69	9.69	1	Sandia Canyon	Regional	R-10a	690	02/12/09		UF	CS	SVOA	Benzoic Acid	65-85-0	9.69	1.00	EPA TAP SCRN LVL N	146000	0.0	6	ug/L	1	J	J	SV7d	SW-846:8270C	GELC	
C1	1	1	03/11/09	0.00000424	0.00000424	0.00000424	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-46	1340	03/11/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000424	1.00				0.00000424	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	2	2	08/20/08	4.19	4.19	4.19	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-14	1200.6	02/18/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	4.19	1.00	EPA PRIM DW STD	6	0.7	2.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	
C1	2	2	02/16/06	0.0281	0.0281	0.0281	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-33	995.5	02/19/09		UF	CS	PEST/PCB	Heptachlor	76-44-8	0.0281	1.00	EPA PRIM DW STD	0.4	0.1	0.0069	ug/L	1				SW-846:8081A	GELC	
C1	5	6	06/27/05	4.87	4.87	4.87	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-33	995.5	02/19/09		UF	CS	SVOA	Phenol	108-95-2	4.87	1.00	NM GW STD	5	1.0	1.1	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	
C1	1	1	03/05/09	0.00000242	0.00000242	0.00000242	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-45	974.9	03/05/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000242	1.00				0.00000242	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	1	02/17/09	0.261	0.261	0.261	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	895	02/17/09		UF	CS	VOA	Toluene	108-88-3	0.261	1.00	NM GW STD	750	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	1	1	02/17/09	0.316	0.316	0.316	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	895	02/17/09		UF	CS	VOA	Chloromethane	74-87-3	0.316	1.00	EPA TAP SCRN LVL C-5	21.345	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	1	1	03/03/09	0.00000655	0.00000655	0.00000655	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	3MAO-2	14.7	03/03/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000655	1.00				0.00000655	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	1	03/03/09	0.00000142	0.00000142	0.00000142	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	3MAO-2	14.7	03/03/09		UF	CS	DIOX/FUR	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	0.00000142	1.00				0.00000142	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	1	03/03/09	0.0000041	0.0000041	0.0000041	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	3MAO-2	14.7	03/03/09		UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	0.0000041	1.00				0.0000041	ug/L	1				SW-846:8290	ALTC	
C1	1	1	03/03/09	0.00000222	0.00000222	0.00000222	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	3MAO-2	14.7	03/03/09		UF	CS	DIOX/FUR	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	0.00000222	1.00				0.00000222	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	2	4	09/06/07	0.09	0.09	0.09	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	03/03/09		UF	RE	PEST/PCB	Aroclor-1254	11097-69-1	0.09	1.00	EPA PRIM DW STD	0.5	0.2	0.037	ug/L	1	J	J	J_LAB	SW-846:8082	GELC	
C1	2	4	09/06/07	0.061	0.061	0.061	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	03/03/09		UF	RE	PEST/PCB	Aroclor-1242	53469-21-9	0.061	1.00	EPA PRIM DW STD	0.5	0.1	0.037	ug/L	1	J	J	J_LAB	SW-846:8082	GELC	
C1	1	2	03/12/09	0.00000227	0.00000315	0.00000271	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	03/12/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000315	1.16				0.00000315	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	2	03/12/09	0.00000227	0.00000315	0.00000271	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	03/12/09	FD	UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000227	0.84				0.00000227	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	13	24	08/25/05	0.121	0.124	0.123	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	03/12/09		UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	0.124	1.01	EPA TAP SCRN LVL N	1095	0.0	0.1	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	new HE compound, sampled since 2005
C1	13	24	08/25/05	0.121	0.124	0.123	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	03/12/09	FD	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	0.121	0.98	EPA TAP SCRN LVL N	1095	0.0	0.1	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	new HE compound, sampled since 2005
C1	1	1	03/10/09	0.00000296	0.00000296	0.00000296	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	03/10/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000296	1.00				0.00000296	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	4	7	06/21/08	0.458	0.458	0.458	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	03/10/09		UF	CS	VOA	Chloromethane	74-87-3	0.458	1.00	EPA TAP SCRN LVL C-5	21.345	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	4	4	06/23/08	0.438	0.438	0.438	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	03/09/09		UF	CS	VOA	Xylene[1,3-]+Xylene[1,4-]	Xylene[1,3 and 1,4]	0.438	1.00				0.43	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	also detected during well rehab in 2006, 2007
C1	2	2	02/19/09	0.00000137	0.00000137	0.00000137	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	03/12/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000137	1.00				0.00000137	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C1	2	4	02/19/09	0.335	2.37	2.1	3	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	02/19/09	FD	UF	CS	VOA	Toluene	108-88-3	2.1	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	2	4	02/19/09	0.335	2.37	2.1	3	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	02/19/09		UF	CS	VOA	Toluene	108-88-3	2.37	1.13	NM GW STD	750	0.0	0.25	ug/L	1	H	J-	V9	SW-846:8260B	GELC	
C1	2	4	02/19/09	0.368	0.368	0.368	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	02/19/09	FD	UF	CS	VOA	Chloromethane	74-87-3	0.368	1.00	EPA TAP SCRN LVL C-5	21.345	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	17	25	10/17/02	1.3	7.6	2.7	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	3.25	1.20	EPA PRIM DW STD	6	0.5	2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	previous detects in 2002 to 2004
C1	8	8	07/23/01	0.38	0.45	0.42	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	SWSC Spring	0	03/24/09		UF	CS	HEXP	DNX	DNX	0.38	0.90				0.069	ug/L	1	JP	J	H7c	SW-846:8330	STSL	
C1	8	8	07/23/01	0.14	0.43	0.2	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	SWSC Spring	0	03/24/09		UF	CS	HEXP	TNX	TNX	0.43	2.15				0.082	ug/L	1	J	J	H7c	SW-846:8330	STSL	
C1	22	32	07/18/01	0.12	0.28	0.25	10	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	03/24/09	FD	UF	CS	HEXP	DNX	DNX	0.22	0.88				0.069	ug/L	1	JP	J	J_LAB	SW-846:8330	STSL	
C1	22	32	07/18/01	0.12	0.28	0.25	10	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	03/24/09		UF	CS	HEXP	DNX	DNX	0.25	1.00				0.069	ug/L	1	JP	J	J_LAB	SW-846:8330	STSL	
C1	22	32	07/18/01	0.19	0.43	0.35	12	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	03/24/09	FD	UF	CS	HEXP	TNX	TNX	0.33	0.94				0.082	ug/L	1	J	J	J_LAB	SW-846:8330	STSL	
C1	22	32	07/18/01	0.19	0.43	0.35	12	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	03/24/09		UF	CS	HEXP	TNX	TNX	0.38	1.09				0.082	ug/L	1	J	J	J_LAB	SW-846:8330	STSL	
C1	18	21	07/24/01	0.091	0.37	0.24	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Martin Spring	0	03/24/09		UF	CS	HEXP	DNX	DNX	0.29	1.21				0.069	ug/L	1	JP	J	H7c	SW-846:8330	STSL	
C1	18	21	07/24/01	0.2	1.1	0.5	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Martin Spring	0	03/24/09		UF	CS	HEXP	TNX	TNX	0.2	0.40				0.082	ug/L	1	JP	J	H7c	SW-846:8330	STSL	
C2	1	1	02/20/09	149	149	149	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	149	1.00	LANL Avl BG LVL	76	2.0	0.73	mg/L	1				EPA:310.1	GELC	
C2	1	1	02/20/09	0.611	0.611	0.611	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Bromide	Br(-1)	0.611	1.00	LANL Avl BG LVL	0.07	8.7	0.067	mg/L	1				EPA:300.0	GELC	
C2	1	1	02/20/09	106	106	106	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Chloride	Cl(-1)	106	1.00	LANL Avl BG LVL	69.76	1.5	0.66	mg/L	10				EPA:300.0	GELC	
C2	1	1	02/20/09	0.536	0.536	0.536	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Fluoride	F(-1)	0.536	1.00	LANL Avl BG LVL	0.27	2.0	0.033	mg/L	1				EPA:300.0	GELC	
C2	1	1	02/20/09	14.5	14.5	14.5	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Potassium	K	14.5	1.00	LANL Avl BG LVL	5.21	2.8	0.05	mg/L	1				SW-846:6010B	GELC	
C2	1	1	02/20/09	108	108	108	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Sodium	Na	108	1.00	LANL Avl BG LVL	15.54	7.0	0.045	mg/L	1				SW-846:6010B	GELC	
C2	1	1	02/20/09	0.674	0.674	0.674	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.674	1.00	LANL Avl BG LVL	0.05	13.5	0.024	mg/L	1		J	l4a	EPA:365.4	GELC	
C2	1	1	02/20/09	36	36	36	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Sulfate	SO4(-2)	36	1.00	LANL Avl BG LVL	24.83	1.5	0.1	mg/L	1				EPA:300.0	GELC	
C2	1	1	02/20/09	494	494	494	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Total Dissolved Solids	TDS	494	1.00	LANL Avl BG LVL	139	3.6	2.4	mg/L	1				EPA:160.1	GELC	
C2	1	1	02/20/09	71.5	71.5	71.5	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Barium	Ba	71.5	1.00	LANL Avl BG LVL	68.57	1.0	1	ug/L	1				SW-846:6010B	GELC	drive point near SCA-1, turbidity = 102 NTU
C2	1	1	02/20/09	1	1	1	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Cobalt	Co	1	1.00	LANL Avl BG LVL	0.5	2.0	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	drive point near SCA-1, turbidity = 102 NTU
C2	1	1	02/20/09	792	792	792	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Manganese	Mn	792	1.00	LANL Avl BG LVL	2	396.0	2	ug/L	1				SW-846:6010B	GELC	drive point near SCA-1, turbidity = 102 NTU
C2	1	1	02/20/09	11.7	11.7	11.7	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Molybdenum	Mo	11.7	1.00	LANL Avl BG LVL	2	5.9	0.1	ug/L	1				SW-846:6020	GELC	drive point near SCA-1, turbidity = 102 NTU
C2	1	1	02/20/09	99.3	99.3	99.3	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Silicon Dioxide	SiO2	99.3	1.00	LANL Avl BG LVL	64.21	1.6	0.16	mg/L	5				SW-846:6010B	GELC	
C2	1	1	02/20/09	1.6	1.6	1.6	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Vanadium	V	1.6	1.00	LANL Avl BG LVL	1	1.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	drive point near SCA-1, turbidity = 102 NTU
C2	1	1	02/20/09	8.6	8.6	8.6	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Zinc	Zn	8.6	1.00	LANL Avl BG LVL	2	4.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	drive point near SCA-1, turbidity = 102 NTU
C2	7	7	10/16/06	1.34	36.3	13.05	6	Sandia Canyon	Alluvial	SCA-1	1.3	02/18/09		F	CS	GENINORG	Sulfate	SO4(-2)	36.3	2.78	LANL Avl BG LVL	24.83	1.5	0.1	mg/L	1				EPA:300.0	GELC	
C2	10	10	01/11/07	0.157	0.278	0.188	9	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Fluoride	F(-1)	0.278	1.48	LANL Int BG LVL	0.23	1.2	0.033	mg/L	1				EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C2	9	10	10/12/06	2.46	2.69	2.57	10	Sandia Canyon	Regional	R-10	874	02/12/09		F	CS	GENINORG	Potassium	K	2.69	1.05	LANL Reg BG LVL	2.63	1.0	0.05	mg/L	1				SW-846:6010B	GELC	
C2	9	10	10/12/06	3.84	4.3	4	10	Sandia Canyon	Regional	R-10	874	02/12/09		F	CS	GENINORG	Magnesium	Mg	4.3	1.08	LANL Reg BG LVL	4.15	1.0	0.085	mg/L	1				SW-846:6010B	GELC	
C2	1	1	03/11/09	6.1	6.1	6.1	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-46	1340	03/11/09		F	CS	METALS	Chromium	Cr	6.1	1.00	LANL Reg BG LVL	5.75	1.1	1.5	ug/L	1				SW-846:6020	GELC	
C2	1	1	03/11/09	447	447	447	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-46	1340	03/11/09		F	CS	METALS	Iron	Fe	447	1.00	LANL Reg BG LVL	21	21.3	25	ug/L	1	*			SW-846:6010B	GELC	
C2	1	1	03/11/09	7.9	7.9	7.9	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-46	1340	03/11/09		F	CS	METALS	Manganese	Mn	7.9	1.00	LANL Reg BG LVL	2.94	2.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	02/28/09	1.44	1.44	1.44	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-45	880	02/28/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.44	1.00	LANL Reg BG LVL	0.89	1.6	0.05	mg/L	5				EPA:353.2	GELC	new well in Mortandad Canyon
C2	1	1	02/28/09	0.557	0.557	0.557	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-45	880	02/28/09		UF	CS	GENINORG	Total Organic Carbon	TOC	0.557	1.00	LANL Reg BG LVL	0.33	1.7	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	1	1	02/28/09	8.4	8.4	8.4	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-45	880	02/28/09		F	CS	METALS	Chromium	Cr	8.4	1.00	LANL Reg BG LVL	5.75	1.5	1.5	ug/L	1				SW-846:6020	GELC	new well in Mortandad Canyon
C2	1	1	02/28/09	4.1	4.1	4.1	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-45	880	02/28/09		F	CS	METALS	Manganese	Mn	4.1	1.00	LANL Reg BG LVL	2.94	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	03/05/09	4.55	4.55	4.55	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-45	974.9	03/05/09		F	CS	GENINORG	Magnesium	Mg	4.55	1.00	LANL Reg BG LVL	4.15	1.1	0.085	mg/L	1				SW-846:6010B	GELC	
C2	1	1	03/05/09	6.1	6.1	6.1	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-45	974.9	03/05/09		F	CS	METALS	Chromium	Cr	6.1	1.00	LANL Reg BG LVL	5.75	1.1	1.5	ug/L	1				SW-846:6020	GELC	new well in Mortandad Canyon
C2	1	1	03/05/09	5.1	5.1	5.1	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-45	974.9	03/05/09		F	CS	METALS	Manganese	Mn	5.1	1.00	LANL Reg BG LVL	2.94	1.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	02/17/09	1	1	1	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	895	02/17/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1	1.00	LANL Reg BG LVL	0.89	1.1	0.05	mg/L	5				EPA:353.2	GELC	new well in Mortandad Canyon
C2	1	1	02/17/09	0.736	0.736	0.736	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	895	02/17/09		UF	CS	GENINORG	Total Organic Carbon	TOC	0.736	1.00	LANL Reg BG LVL	0.33	2.2	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	1	1	02/17/09	12.8	12.8	12.8	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	895	02/17/09		F	CS	METALS	Chromium	Cr	12.8	1.00	LANL Reg BG LVL	5.75	2.2	1.5	ug/L	1				SW-846:6020	GELC	new well in Mortandad Canyon
C2	1	1	02/17/09	35.8	35.8	35.8	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	895	02/17/09		F	CS	METALS	Iron	Fe	35.8	1.00	LANL Reg BG LVL	21	1.7	25	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	02/22/09	4.22	4.22	4.22	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	985.3	02/22/09		F	CS	GENINORG	Magnesium	Mg	4.22	1.00	LANL Reg BG LVL	4.15	1.0	0.085	mg/L	1				SW-846:6010B	GELC	
C2	1	1	02/22/09	0.837	0.837	0.837	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	985.3	02/22/09		UF	CS	GENINORG	Total Organic Carbon	TOC	0.837	1.00	LANL Reg BG LVL	0.33	2.5	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	1	1	02/22/09	6.7	6.7	6.7	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-44	985.3	02/22/09		F	CS	METALS	Manganese	Mn	6.7	1.00	LANL Reg BG LVL	2.94	2.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	16	20	03/31/04	0.54	8.3	0.59	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-21	888.8	02/18/09	FD	F	CS	METALS	Nickel	Ni	8.3	14.07	LANL Reg BG LVL	3.09	2.7	0.5	ug/L	1				SW-846:6020	GELC	
C2	4	4	06/28/05	59.5	140	80.2	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial Spring	TW-1.72 Spring	0	03/11/09		F	CS	METALS	Strontium	Sr	140	1.75	LANL Avl BG LVL	120	1.2	1	ug/L	1				SW-846:6010B	GELC	
C2	11	13	08/31/06	96.5	163	112	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	03/05/09		F	CS	METALS	Strontium	Sr	121	1.08	LANL Avl BG LVL	120	1.0	1	ug/L	1				SW-846:6010B	GELC	
C2	11	15	08/28/06	0.081	0.082	0.082	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	GENINORG	Bromide	Br(-1)	0.081	0.99	LANL Avl BG LVL	0.07	1.2	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	11	15	08/28/06	0.081	0.082	0.082	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	GENINORG	Bromide	Br(-1)	0.082	1.00	LANL Avl BG LVL	0.07	1.2	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	4	4	06/22/08	0.096	0.096	0.096	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	02/25/09		F	CS	GENINORG	Bromide	Br(-1)	0.096	1.00	LANL Avl BG LVL	0.07	1.4	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C2	4	4	06/22/08	16.5	32.9	21.1	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	02/25/09		F	CS	GENINORG	Calcium	Ca	32.9	1.56	LANL Avl BG LVL	26.36	1.3	0.03	mg/L	1				SW-846:6010B	GELC	
C2	4	4	06/22/08	27.4	70	35.3	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	02/25/09		F	CS	GENINORG	Chloride	Cl(-1)	70	1.98	LANL Avl BG LVL	69.76	1.0	0.66	mg/L	10				EPA:300.0	GELC	
C2	4	4	06/22/08	4.54	9.25	5.89	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	02/25/09		F	CS	GENINORG	Magnesium	Mg	9.25	1.57	LANL Avl BG LVL	7.78	1.2	0.085	mg/L	1				SW-846:6010B	GELC	
C2	4	4	06/22/08	40.6	40.6	40.6	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	02/25/09		F	CS	METALS	Tin	Sn	40.6	1.00	LANL Avl BG LVL	3.26	12.5	13	ug/L	5	J	J	J_LAB	SW-846:6010B	GELC	
C2	4	4	06/22/08	25.1	25.1	25.1	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	02/25/09		F	CS	METALS	Zinc	Zn	25.1	1.00	LANL Avl BG LVL	2	12.6	2	ug/L	1				SW-846:6010B	GELC	
C2	4	4	06/25/08	0.137	0.137	0.137	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	GENINORG	Bromide	Br(-1)	0.137	1.00	LANL Avl BG LVL	0.07	2.0	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	4	4	06/25/08	0.057	0.057	0.057	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.057	1.00	LANL Avl BG LVL	0.05	1.1	0.024	mg/L	1				EPA:365.4	GELC	
C2	4	4	06/23/08	0.0563	0.0563	0.0563	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	3MAO-2	14.7	03/03/09		F	CS	GENINORG	Perchlorate	ClO4	0.0563	1.00	LANL Avl BG LVL	0.05	1.1	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C2	13	24	09/09/04	6.29	14.2	9.04	24	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/05/09	FD	F	CS	GENINORG	Sodium	Na	13.9	1.54	LANL Int BG LVL	12.19	1.1	0.045	mg/L	1				SW-846:6010B	GELC	
C2	13	24	09/09/04	6.29	14.2	9.04	24	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/05/09		F	CS	GENINORG	Sodium	Na	14.2	1.57	LANL Int BG LVL	12.19	1.2	0.045	mg/L	1				SW-846:6010B	GELC	
C2	5	5	09/13/01	0.05	0.11	0.06	3	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19	909.3	03/10/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.11	1.83	LANL Int BG LVL	0.08	1.4	0.024	mg/L	1				EPA:365.4	GELC	
C2	5	6	10/11/06	0.092	0.092	0.092	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	02/25/09		F	CS	GENINORG	Bromide	Br(-1)	0.092	1.00	LANL Int BG LVL	0.03	3.1	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	5	6	10/11/06	5.57	6.12	5.78	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	02/25/09		F	CS	GENINORG	Magnesium	Mg	6.12	1.06	LANL Int BG LVL	6.12	1.0	0.085	mg/L	1				SW-846:6010B	GELC	
C2	5	6	10/11/06	13.9	20	16.6	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	02/25/09		F	CS	METALS	Boron	B	20	1.20	LANL Int BG LVL	15.12	1.3	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	5	6	10/11/06	4.8	5.9	5.8	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	02/25/09		F	CS	METALS	Vanadium	V	5.9	1.02	LANL Int BG LVL	4.91	1.2	1	ug/L	1				SW-846:6010B	GELC	
C2	6	12	12/14/07	15.5	15.5	15.5	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	867.5	02/26/09		F	CS	METALS	Tin	Sn	15.5	1.00	LANL Reg BG LVL	3.26	4.8	13	ug/L	5	J	J	J_LAB	SW-846:6010B	GELC	
C2	2	2	02/19/09	0.724	0.724	0.724	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	03/12/09		UF	CS	GENINORG	Total Organic Carbon	TOC	0.724	1.00	LANL Reg BG LVL	0.33	2.2	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	2	2	02/19/09	4	4	4	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	02/19/09		F	CS	METALS	Copper	Cu	4	1.00	LANL Reg BG LVL	3	1.3	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	2	2	02/19/09	2	6.5	4.3	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	02/19/09		F	CS	METALS	Manganese	Mn	6.5	1.51	LANL Reg BG LVL	2.94	2.2	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	2	2	02/19/09	23.3	28.1	25.7	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	02/19/09		F	CS	METALS	Zinc	Zn	28.1	1.09	LANL Reg BG LVL	3.89	7.2	2	ug/L	1				SW-846:6010B	GELC	
C2	2	2	07/15/08	5.4	6.1	5.8	2	White Rock Canyon and Rio Grande	Water Supply	Buckman 8	380	12/03/08		F	CS	METALS	Chromium	Cr	6.1	1.05	LANL Reg BG LVL	5.75	1.1	1.5	ug/L	1				SW-846:6020	GELC	
C3	1	1	02/20/09	0.674	0.674	0.674	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.674	1.00	EPA TAP SCRN LVL N	0.73	1.9	0.024	mg/L	1		J	l4a	EPA:365.4	GELC	
C3	1	1	02/20/09	676	676	676	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Iron	Fe	676	1.00	NM GW STD	1000	1.4	25	ug/L	1				SW-846:6010B	GELC	drive point near SCA-1, turbidity = 102 NTU
C3	1	1	02/20/09	792	792	792	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Manganese	Mn	792	1.00	NM GW STD	200	7.9	2	ug/L	1				SW-846:6010B	GELC	drive point near SCA-1, turbidity = 102 NTU
C3	7	7	10/16/06	60.7	197	84.9	7	Sandia Canyon	Alluvial	SCA-1	1.3	02/18/09		F	CS	GENINORG	Chloride	Cl(-1)	134	1.58	NM GW STD	250	1.1	0.66	mg/L	10				EPA:300.0	GELC	
C3	2	2	08/20/08	4.19	4.19	4.19	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-14	1200.6	02/18/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	4.19	1.00	EPA PRIM DW STD	6	1.4	2.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C3	5	6	06/27/05	4.87	4.87	4.87	1	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-33	995.5	02/19/09		UF	CS	SVOA	Phenol	108-95-2	4.87	1.00	NM GW STD	5	2.0	1.1	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	
C3	4	4	06/28/05	27.8	170	102.3	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial Spring	TW-1.72 Spring	0	03/11/09		F	CS	GENINORG	Chloride	Cl(-1)	170	1.66	NM GW STD	250	1.4	1.3	mg/L	20		J+	I6b	EPA:300.0	GELC	
C3	11	13	08/30/06	2.2	5	2.6	3	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-8	8	02/26/09		UF	CS	METALS	Arsenic	As	5	1.92	EPA PRIM DW STD	10	1.0	1.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	most prior results with method listed as <5 ug/L
C3	11	17	08/28/06	235	677	333	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	677	2.03	NM GW STD	1000	1.4	2.4	mg/L	1				EPA:160.1	GELC	road salting influence
C3	11	17	08/28/06	235	677	333	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	GENINORG	Total Dissolved Solids	TDS	637	1.91	NM GW STD	1000	1.3	2.4	mg/L	1				EPA:160.1	GELC	road salting influence
C3	4	4	06/25/08	61.6	578	81.8	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	GENINORG	Chloride	Cl(-1)	578	7.07	NM GW STD	250	4.6	3.3	mg/L	50				EPA:300.0	GELC	road salting influence
C3	4	4	06/25/08	235	1360	255	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	GENINORG	Total Dissolved Solids	TDS	1360	5.33	NM GW STD	1000	2.7	2.4	mg/L	1	H	J-	I9	EPA:160.1	GELC	road salting influence
C3	4	4	06/25/08	140	1230	169	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	METALS	Barium	Ba	1230	7.28	NM GW STD	1000	2.5	1	ug/L	1				SW-846:6010B	GELC	high Ba due to cation exchange with high Na in road salt
C3	16	23	12/17/03	0.258	14.2	1.2	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	METALS	Lead	Pb	14.2	11.83	EPA PRIM DW STD	15	1.9	0.5	ug/L	1				SW-846:6020	GELC	Total lead varies with turbidity, 4 NTU for this sample
C3	17	25	10/17/02	1.3	7.6	2.7	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	3.25	1.20	EPA PRIM DW STD	6	1.1	2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	previous detects in 2002 to 2004
C3	6	8	05/25/04	0.65	9.6	0.71	5	White Rock Canyon and Rio Grande	Water Supply	Buckman 1	258	12/03/08	FD	UF	CS	METALS	Lead	Pb	9.6	13.52	EPA PRIM DW STD	15	1.3	0.5	ug/L	1				SW-846:6020	GELC	field duplicate result <2 ug/L
C5	26	29	10/24/01	1.22	2.97	2.1	29	Pueblo Canyon (includes Acid Canyon)	Water Supply	O-1	1017	12/02/08		UF	CS	GENINORG	Perchlorate	ClO4	2.37	1.13	LANL Reg BG LVL	0.05	23.7	0.2	ug/L	4		J	PE16a	SW-846:6850	GELC	
C5	24	26	10/24/01	0.354	0.55	0.38	25	Upper Los Alamos Canyon (includes DP Canyon)	Water Supply	O-4	1115	12/02/08		UF	CS	GENINORG	Perchlorate	ClO4	0.381	1.00	LANL Reg BG LVL	0.05	3.8	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	7	7	10/16/06	0.215	1.29	0.845	7	Sandia Canyon	Alluvial	SCA-1	1.3	02/18/09		F	CS	GENINORG	Bromide	Br(-1)	0.54	0.64	LANL Avl BG LVL	0.07	3.9	0.067	mg/L	1				EPA:300.0	GELC	
C5	7	7	10/16/06	11.1	20.7	16.1	7	Sandia Canyon	Alluvial	SCA-1	1.3	02/18/09		F	CS	GENINORG	Potassium	K	14	0.87	LANL Avl BG LVL	5.21	1.3	0.05	mg/L	1				SW-846:6010B	GELC	
C5	7	7	10/16/06	67.7	153	99.6	7	Sandia Canyon	Alluvial	SCA-1	1.3	02/18/09		F	CS	GENINORG	Sodium	Na	108	1.08	LANL Avl BG LVL	15.54	3.5	0.045	mg/L	1				SW-846:6010B	GELC	
C5	6	7	10/16/06	385	524	455	7	Sandia Canyon	Alluvial	SCA-1	1.3	02/18/09		F	CS	GENINORG	Total Dissolved Solids	TDS	519	1.14	LANL Avl BG LVL	139	1.9	2.4	mg/L	1				EPA:160.1	GELC	
C5	7	7	10/16/06	2.3	32.2	9.2	6	Sandia Canyon	Alluvial	SCA-1	1.3	02/18/09		F	CS	METALS	Chromium	Cr	2.3	0.25	LANL Avl BG LVL	1	1.2	1.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	10	10	01/11/07	1.17	1.53	1.29	10	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Bromide	Br(-1)	1.27	0.98	LANL Int BG LVL	0.03	21.2	0.067	mg/L	1				EPA:300.0	GELC	
C5	10	12	01/11/07	75.1	87.6	81.5	11	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Calcium	Ca	76.1	0.93	LANL Int BG LVL	17.31	2.2	0.03	mg/L	1				SW-846:6010B	GELC	
C5	10	10	01/11/07	86.8	98.7	91.4	10	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Chloride	Cl(-1)	86.8	0.95	LANL Int BG LVL	7.78	5.6	0.66	mg/L	10				EPA:300.0	GELC	
C5	10	10	01/11/07	1.17	1.58	1.44	10	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Perchlorate	ClO4	1.17	0.81	LANL Int BG LVL	0.05	11.7	0.1	ug/L	2				SW-846:6850	GELC	
C5	10	12	01/11/07	50.7	62.1	54.2	11	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Sodium	Na	50.7	0.94	LANL Int BG LVL	12.19	2.1	0.045	mg/L	1				SW-846:6010B	GELC	
C5	10	10	01/11/07	0.414	0.914	0.809	9	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.414	0.51	LANL Int BG LVL	0.08	2.6	0.024	mg/L	1		J	I4a	EPA:365.4	GELC	
C5	10	10	01/11/07	102	112	106	10	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Sulfate	SO4(-2)	106	1.00	LANL Int BG LVL	40.03	1.3	1	mg/L	10				EPA:300.0	GELC	
C5	10	10	01/11/07	455	536	506	10	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	GENINORG	Total Dissolved Solids	TDS	475	0.94	LANL Int BG LVL	127	1.9	2.4	mg/L	1				EPA:160.1	GELC	
C5	10	11	01/11/07	11.6	22.1	15	11	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	METALS	Chromium	Cr	13.9	0.93	LANL Int BG LVL	1	7.0	1.5	ug/L	1				SW-846:6020	GELC	
C5	10	11	01/11/07	43.9	72	54.3	11	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	METALS	Molybdenum	Mo	69.8	1.29	LANL Int BG LVL	2	17.5	0.1	ug/L	1				SW-846:6020	GELC	
C5	10	10	01/11/07	4.3	8.1	6	10	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	METALS	Nickel	Ni	5.7	0.95	LANL Int BG LVL	1	2.9	0.5	ug/L	1				SW-846:6020	GELC	
C5	10	12	01/11/07	320	383	368	11	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	METALS	Strontium	Sr	322	0.88	LANL Int BG LVL	154.76	1.0	1	ug/L	1				SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	10	10	01/11/07	1.8	2.9	2.6	10	Sandia Canyon	Intermediate	SCI-1	358.4	02/17/09		F	CS	METALS	Uranium	U	1.8	0.69	LANL Int BG LVL	0.72	1.3	0.05	ug/L	1				SW-846:6020	GELC	
C5	3	4	10/21/08	0.304	0.498	0.384	4	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	GENINORG	Bromide	Br(-1)	0.498	1.30	LANL Int BG LVL	0.03	8.3	0.067	mg/L	1				EPA:300.0	GELC	
C5	3	6	10/21/08	59.5	63	61.7	6	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	GENINORG	Calcium	Ca	62.4	1.01	LANL Int BG LVL	17.31	1.8	0.3	mg/L	10				SW-846:6010B	GELC	
C5	3	4	10/21/08	53.4	62.1	56.8	4	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	GENINORG	Chloride	Cl(-1)	62.1	1.09	LANL Int BG LVL	7.78	4.0	0.33	mg/L	5				EPA:300.0	GELC	
C5	3	4	10/21/08	0.975	1.04	0.985	4	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	GENINORG	Perchlorate	ClO4	1.04	1.06	LANL Int BG LVL	0.05	10.4	0.1	ug/L	2				SW-846:6850	GELC	
C5	3	6	10/21/08	13.1	14.7	13.7	6	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	GENINORG	Magnesium	Mg	14.7	1.07	LANL Int BG LVL	6.12	1.2	0.085	mg/L	1				SW-846:6010B	GELC	
C5	3	4	10/21/08	87.8	101	95.7	4	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	GENINORG	Sulfate	SO4(-2)	90.3	0.94	LANL Int BG LVL	40.03	1.1	0.5	mg/L	5				EPA:300.0	GELC	
C5	3	4	10/21/08	354	378	374	4	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	GENINORG	Total Dissolved Solids	TDS	378	1.01	LANL Int BG LVL	127	1.5	2.4	mg/L	1				EPA:160.1	GELC	
C5	3	7	10/21/08	471	593	562	7	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	METALS	Chromium	Cr	593	1.06	LANL Int BG LVL	1	296.5	1.5	ug/L	1				SW-846:6020	GELC	
C5	3	6	10/21/08	7.3	12.8	12.5	6	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	METALS	Manganese	Mn	7.3	0.58	LANL Int BG LVL	2	1.8	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	3	6	10/21/08	14.5	17.4	15.9	6	Sandia Canyon	Intermediate	SCI-2	548	02/13/09		F	CS	METALS	Nickel	Ni	17.4	1.09	LANL Int BG LVL	1	8.7	0.5	ug/L	1				SW-846:6020	GELC	
C5	5	5	02/20/08	0.235	0.363	0.263	5	Sandia Canyon	Intermediate	R-12	459	02/20/09		F	CS	GENINORG	Perchlorate	ClO4	0.236	0.90	LANL Int BG LVL	0.05	2.4	0.05	ug/L	1				SW-846:6850	GELC	
C5	5	5	02/20/08	173	288	190	5	Sandia Canyon	Intermediate	R-12	459	02/20/09		F	CS	METALS	Manganese	Mn	173	0.91	LANL Int BG LVL	2	43.3	2	ug/L	1				SW-846:6010B	GELC	
C5	9	10	10/12/06	7.9	14.8	10.2	10	Sandia Canyon	Regional	R-10	874	02/12/09		F	CS	METALS	Zinc	Zn	9.3	0.91	LANL Reg BG LVL	3.89	1.2	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	10	10	06/29/06	6.6	13.1	10.1	10	Sandia Canyon	Regional	R-10	1042	02/12/09		F	CS	METALS	Zinc	Zn	8.4	0.83	LANL Reg BG LVL	3.89	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	13	15	11/30/05	6.7	111	8.5	15	Sandia Canyon	Regional	R-10a	690	02/12/09		F	CS	METALS	Zinc	Zn	8.3	0.98	LANL Reg BG LVL	3.89	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	21	23	10/24/01	0.401	0.52	0.444	21	Sandia Canyon	Water Supply	PM-1	945	12/02/08		UF	CS	GENINORG	Perchlorate	ClO4	0.418	0.94	LANL Reg BG LVL	0.05	4.2	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	24	30	10/24/01	0.366	0.58	0.415	29	Sandia Canyon	Water Supply	PM-3	956	12/02/08		UF	CS	GENINORG	Perchlorate	ClO4	0.404	0.97	LANL Reg BG LVL	0.05	4.0	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	5	5	06/27/05	0.255	1.26	1.15	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-33	995.5	02/19/09		UF	CS	GENINORG	Total Organic Carbon	TOC	1.15	1.00	LANL Reg BG LVL	0.33	1.7	0.33	mg/L	1				SW-846:9060	GELC	
C5	8	8	06/27/05	5.1	38.6	12	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-33	995.5	02/19/09		F	CS	METALS	Zinc	Zn	12	1.00	LANL Reg BG LVL	3.89	1.5	2	ug/L	1				SW-846:6010B	GELC	
C5	3	4	10/09/08	28.7	32.5	32	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		F	CS	GENINORG	Chloride	Cl(-1)	28.7	0.90	LANL Reg BG LVL	3.57	4.0	0.66	mg/L	10				EPA:300.0	GELC	
C5	3	4	10/09/08	1.18	1.35	1.25	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		F	CS	GENINORG	Perchlorate	ClO4	1.18	0.94	LANL Reg BG LVL	0.46	1.3	0.1	ug/L	2				SW-846:6850	GELC	
C5	3	4	10/09/08	11.1	12.9	11.9	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		F	CS	GENINORG	Magnesium	Mg	12.9	1.08	LANL Reg BG LVL	4.15	1.6	0.085	mg/L	1				SW-846:6010B	GELC	
C5	3	4	10/09/08	5.83	6.03	5.95	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6.03	1.01	LANL Reg BG LVL	0.89	3.4	0.25	mg/L	25				EPA:353.2	GELC	new well in Mortandad Canyon
C5	3	4	10/09/08	60.9	62.1	61.6	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		F	CS	GENINORG	Sulfate	SO4(-2)	60.9	0.99	LANL Reg BG LVL	7.2	4.2	1	mg/L	10				EPA:300.0	GELC	
C5	3	4	10/09/08	1.74	2.84	2.49	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		UF	CS	GENINORG	Total Organic Carbon	TOC	2.17	0.87	LANL Reg BG LVL	0.33	3.3	0.33	mg/L	1				SW-846:9060	GELC	
C5	3	9	10/09/08	744	848	820	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		F	CS	METALS	Chromium	Cr	830	1.01	LANL Reg BG LVL	5.75	72.2	1.5	ug/L	1				SW-846:6020	GELC	new well in Mortandad Canyon
C5	3	4	10/09/08	8.8	10.9	9.4	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		F	CS	METALS	Nickel	Ni	9.9	1.05	LANL Reg BG LVL	3.09	1.6	0.5	ug/L	1				SW-846:6020	GELC	
C5	3	4	10/09/08	7.7	28.1	12.5	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-42	931.8	02/20/09		F	CS	METALS	Zinc	Zn	28.1	2.25	LANL Reg BG LVL	3.89	3.6	2	ug/L	1				SW-846:6010B	GELC	
C5	11	11	11/28/01	0.3	0.354	0.337	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Water Supply	PM-4	1260	12/02/08		UF	CS	GENINORG	Perchlorate	ClO4	0.316	0.94	LANL Reg BG LVL	0.05	3.2	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	25	31	10/24/01	0.296	0.444	0.338	26	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Water Supply	PM-5	1440	12/02/08		UF	CS	GENINORG	Perchlorate	ClO4	0.32	0.95	LANL Reg BG LVL	0.05	3.2	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	11	12	08/29/06	0.268	0.388	0.308	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-BG-1	10	02/26/09		F	CS	GENINORG	Perchlorate	ClO4	0.306	0.99	LANL Avl BG LVL	0.05	3.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	11	13	08/31/06	0.214	0.568	0.312	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	03/05/09		F	CS	GENINORG	Perchlorate	ClO4	0.214	0.69	LANL Avl BG LVL	0.05	2.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	11	13	08/31/06	0.266	0.417	0.328	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	03/05/09		F	CS	GENINORG	Perchlorate	ClO4	0.284	0.87	LANL Avl BG LVL	0.05	2.8	0.05	ug/L	1				SW-846:6850	GELC	
C5	11	15	08/28/06	0.0972	0.242	0.14	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	GENINORG	Perchlorate	ClO4	0.117	0.84	LANL Avl BG LVL	0.05	1.2	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C5	11	15	08/28/06	0.0972	0.242	0.14	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	GENINORG	Perchlorate	ClO4	0.111	0.79	LANL Avl BG LVL	0.05	1.1	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C5	11	15	08/28/06	45.1	111	56.3	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	GENINORG	Sodium	Na	104	1.85	LANL Avl BG LVL	15.54	3.4	0.045	mg/L	1				SW-846:6010B	GELC	
C5	11	15	08/28/06	45.1	111	56.3	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	GENINORG	Sodium	Na	111	1.97	LANL Avl BG LVL	15.54	3.6	0.045	mg/L	1				SW-846:6010B	GELC	
C5	11	17	08/28/06	235	677	333	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	GENINORG	Total Dissolved Solids	TDS	637	1.91	LANL Avl BG LVL	139	2.3	2.4	mg/L	1				EPA:160.1	GELC	road salting influence
C5	11	17	08/28/06	235	677	333	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	677	2.03	LANL Avl BG LVL	139	2.4	2.4	mg/L	1				EPA:160.1	GELC	road salting influence
C5	11	15	08/28/06	103	413	167	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	METALS	Barium	Ba	413	2.47	LANL Avl BG LVL	68.57	3.0	1	ug/L	1				SW-846:6010B	GELC	
C5	11	15	08/28/06	103	413	167	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	METALS	Barium	Ba	400	2.40	LANL Avl BG LVL	68.57	2.9	1	ug/L	1				SW-846:6010B	GELC	
C5	4	4	06/22/08	0.251	0.302	0.276	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	02/25/09		F	CS	GENINORG	Perchlorate	ClO4	0.251	0.91	LANL Avl BG LVL	0.05	2.5	0.05	ug/L	1				SW-846:6850	GELC	
C5	4	4	06/25/08	0.204	0.244	0.231	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	GENINORG	Perchlorate	ClO4	0.244	1.06	LANL Avl BG LVL	0.05	2.4	0.05	ug/L	1				SW-846:6850	GELC	
C5	4	4	06/25/08	39.5	140	45.3	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	GENINORG	Sodium	Na	140	3.09	LANL Avl BG LVL	15.54	4.5	0.045	mg/L	1				SW-846:6010B	GELC	road salting influence
C5	4	4	06/25/08	140	1230	169	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	METALS	Barium	Ba	1230	7.28	LANL Avl BG LVL	68.57	9.0	1	ug/L	1				SW-846:6010B	GELC	high Ba due to cation exchange with high Na in road salt
C5	4	4	06/25/08	6.8	609	49.7	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	METALS	Manganese	Mn	10.1	0.20	LANL Avl BG LVL	2	2.5	2	ug/L	1				SW-846:6010B	GELC	
C5	4	4	06/25/08	26.6	872	89.7	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	METALS	Zinc	Zn	143	1.59	LANL Avl BG LVL	2	35.8	2	ug/L	1				SW-846:6010B	GELC	
C5	11	11	06/21/05	0.262	0.474	0.313	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	PC Spring	0	03/04/09		F	CS	GENINORG	Perchlorate	ClO4	0.262	0.84	LANL Int BG LVL	0.05	2.6	0.05	ug/L	1				SW-846:6850	GELC	
C5	12	22	06/20/05	0.161	0.405	0.248	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/05/09	FD	F	CS	GENINORG	Perchlorate	ClO4	0.216	0.87	LANL Int BG LVL	0.05	2.2	0.05	ug/L	1				SW-846:6850	GELC	
C5	12	22	06/20/05	0.161	0.405	0.248	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/05/09		F	CS	GENINORG	Perchlorate	ClO4	0.222	0.90	LANL Int BG LVL	0.05	2.2	0.05	ug/L	1				SW-846:6850	GELC	
C5	12	12	06/21/05	0.213	0.457	0.264	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Starmer Spring	0	03/05/09		F	CS	GENINORG	Perchlorate	ClO4	0.241	0.91	LANL Int BG LVL	0.05	2.4	0.05	ug/L	1				SW-846:6850	GELC	
C5	11	11	08/22/06	0.324	0.633	0.408	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	02/27/09		F	CS	GENINORG	Perchlorate	ClO4	0.39	0.96	LANL Int BG LVL	0.05	3.9	0.05	ug/L	1				SW-846:6850	GELC	
C5	11	13	08/31/06	0.11	0.148	0.13	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	03/05/09		F	CS	GENINORG	Bromide	Br(-1)	0.114	0.88	LANL Int BG LVL	0.03	1.9	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	11	13	08/31/06	0.11	0.148	0.13	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	03/05/09	FD	F	CS	GENINORG	Bromide	Br(-1)	0.11	0.85	LANL Int BG LVL	0.03	1.8	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	11	13	08/31/06	3.56	35.7	25.6	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	03/05/09	FD	F	CS	GENINORG	Chloride	Cl(-1)	35.7	1.39	LANL Int BG LVL	7.78	2.3	0.33	mg/L	5				EPA:300.0	GELC	
C5	11	13	08/31/06	3.56	35.7	25.6	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	03/05/09		F	CS	GENINORG	Chloride	Cl(-1)	35.4	1.38	LANL Int BG LVL	7.78	2.3	0.33	mg/L	5				EPA:300.0	GELC	
C5	11	13	08/31/06	0.213	0.447	0.301	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	03/05/09		F	CS	GENINORG	Perchlorate	ClO4	0.301	1.00	LANL Int BG LVL	0.05	3.0	0.05	ug/L	1				SW-846:6850	GELC	
C5	11	13	08/31/06	0.213	0.447	0.301	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	03/05/09	FD	F	CS	GENINORG	Perchlorate	ClO4	0.277	0.92	LANL Int BG LVL	0.05	2.8	0.05	ug/L	1				SW-846:6850	GELC	
C5	11	11	08/23/06	52.1	566	152	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/11/09		F	CS	GENINORG	Chloride	Cl(-1)	166	1.09	LANL Int BG LVL	7.78	10.7	1.3	mg/L	20		J+	I6b	EPA:300.0	GELC	road salting influence
C5	12	12	06/27/06	40.3	291	99.1	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/11/09		F	CS	GENINORG	Sodium	Na	105	1.06	LANL Int BG LVL	12.19	4.3	0.045	mg/L	1				SW-846:6010B	GELC	
C5	12	12	06/27/06	4.3	300	16	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/11/09		F	CS	METALS	Manganese	Mn	4.3	0.27	LANL Int BG LVL	2	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	12	12	06/27/06	6.4	50.8	14.9	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/11/09		F	CS	METALS	Zinc	Zn	46.2	3.10	LANL Int BG LVL	2	11.6	2	ug/L	1				SW-846:6010B	GELC	
C5	12	18	06/23/06	43.2	610	143.5	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09	FD	F	CS	GENINORG	Chloride	Cl(-1)	144	1.00	LANL Int BG LVL	7.78	9.3	1.3	mg/L	20		J+	I6b	EPA:300.0	GELC	road salting influence
C5	12	18	06/23/06	43.2	610	143.5	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09		F	CS	GENINORG	Chloride	Cl(-1)	142	0.99	LANL Int BG LVL	7.78	9.1	1.3	mg/L	20		J+	I6b	EPA:300.0	GELC	road salting influence
C5	12	18	06/23/06	44.3	347	92.8	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09		F	CS	GENINORG	Sodium	Na	90.2	0.97	LANL Int BG LVL	12.19	3.7	0.045	mg/L	1				SW-846:6010B	GELC	
C5	12	18	06/23/06	44.3	347	92.8	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09	FD	F	CS	GENINORG	Sodium	Na	95.4	1.03	LANL Int BG LVL	12.19	3.9	0.045	mg/L	1				SW-846:6010B	GELC	
C5	12	24	06/23/06	184	1230	306	24	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09		F	CS	GENINORG	Total Dissolved Solids	TDS	315	1.03	LANL Int BG LVL	127	1.2	2.4	mg/L	1				EPA:160.1	GELC	road salting influence
C5	12	24	06/23/06	184	1230	306	24	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	320	1.05	LANL Int BG LVL	127	1.3	2.4	mg/L	1				EPA:160.1	GELC	road salting influence
C5	12	18	06/23/06	3.1	681	27.1	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09	FD	F	CS	METALS	Manganese	Mn	5.7	0.21	LANL Int BG LVL	2	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	12	18	06/23/06	3.1	681	27.1	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09		F	CS	METALS	Manganese	Mn	6	0.22	LANL Int BG LVL	2	1.5	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	12	18	06/23/06	0.51	20	1.7	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09		F	CS	METALS	Lead	Pb	1.4	0.82	LANL Int BG LVL	0.5	1.4	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	12	18	06/23/06	0.51	20	1.7	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09	FD	F	CS	METALS	Lead	Pb	1.2	0.71	LANL Int BG LVL	0.5	1.2	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	12	18	06/23/06	3.3	64.9	19.3	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09	FD	F	CS	METALS	Zinc	Zn	48	2.49	LANL Int BG LVL	2	12.0	2	ug/L	1				SW-846:6010B	GELC	
C5	12	18	06/23/06	3.3	64.9	19.3	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/11/09		F	CS	METALS	Zinc	Zn	55.6	2.88	LANL Int BG LVL	2	13.9	2	ug/L	1				SW-846:6010B	GELC	
C5	4	4	07/21/05	0.317	0.342	0.326	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19	909.3	03/10/09		F	CS	GENINORG	Perchlorate	ClO4	0.317	0.97	LANL Int BG LVL	0.05	3.2	0.05	ug/L	1				SW-846:6850	GELC	
C5	9	9	09/22/00	0.409	0.71	0.566	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19	909.3	03/10/09		F	CS	GENINORG	Fluoride	F(-1)	0.572	1.01	LANL Int BG LVL	0.23	1.2	0.033	mg/L	1				EPA:300.0	GELC	
C5	6	8	09/06/07	0.07	0.145	0.097	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	03/03/09		F	CS	GENINORG	Bromide	Br(-1)	0.145	1.49	LANL Int BG LVL	0.03	2.4	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	6	8	09/06/07	0.11	0.231	0.177	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	03/03/09		F	CS	GENINORG	Perchlorate	ClO4	0.173	0.98	LANL Int BG LVL	0.05	1.7	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C5	10	11	10/03/06	0.146	0.281	0.209	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	02/24/09		F	CS	GENINORG	Perchlorate	ClO4	0.211	1.01	LANL Int BG LVL	0.05	2.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	7	8	10/11/06	0.186	0.274	0.236	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	02/25/09		F	CS	GENINORG	Perchlorate	ClO4	0.235	1.00	LANL Int BG LVL	0.05	2.4	0.05	ug/L	1				SW-846:6850	GELC	
C5	13	24	08/25/05	0.364	1.28	0.712	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	03/12/09		UF	CS	GENINORG	Total Organic Carbon	TOC	0.788	1.11	LANL Reg BG LVL	0.33	1.2	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C5	13	24	08/25/05	0.364	1.28	0.712	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	03/12/09	FD	UF	CS	GENINORG	Total Organic Carbon	TOC	1.02	1.43	LANL Reg BG LVL	0.33	1.6	0.33	mg/L	1				SW-846:9060	GELC	
C5	4	4	06/21/08	1.17	3.51	1.64	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	03/10/09		UF	CS	GENINORG	Total Organic Carbon	TOC	1.17	0.71	LANL Reg BG LVL	0.33	1.8	0.33	mg/L	1				SW-846:9060	GELC	
C5	4	4	06/21/08	16.8	27.5	22.9	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	03/10/09		F	CS	METALS	Manganese	Mn	18.5	0.81	LANL Reg BG LVL	2.94	3.2	2	ug/L	1				SW-846:6010B	GELC	
C5	4	4	06/23/08	113	141	124	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	03/09/09		F	CS	METALS	Barium	Ba	141	1.14	LANL Reg BG LVL	56.83	1.2	1	ug/L	1				SW-846:6010B	GELC	
C5	4	4	06/23/08	58	72.2	61.1	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	03/09/09		F	CS	METALS	Manganese	Mn	72.2	1.18	LANL Reg BG LVL	2.94	12.3	2	ug/L	1				SW-846:6010B	GELC	
C5	6	12	12/14/07	38	103	61	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	867.5	02/26/09	FD	F	CS	METALS	Zinc	Zn	43.1	0.71	LANL Reg BG LVL	3.89	5.5	2	ug/L	1				SW-846:6010B	GELC	
C5	6	12	12/14/07	38	103	61	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	867.5	02/26/09		F	CS	METALS	Zinc	Zn	44.9	0.74	LANL Reg BG LVL	3.89	5.8	2	ug/L	1				SW-846:6010B	GELC	
C5	13	14	03/08/01	84.8	175	147	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	1273.5	02/27/09		F	CS	METALS	Barium	Ba	143	0.97	LANL Reg BG LVL	56.83	1.3	1	ug/L	1				SW-846:6010B	GELC	
C5	15	24	12/17/03	0.555	1.51	0.896	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	GENINORG	Total Organic Carbon	TOC	1.18	1.32	LANL Reg BG LVL	0.33	1.8	0.33	mg/L	1				SW-846:9060	GELC	
C5	10	12	10/31/01	0.29	0.433	0.307	12	White Rock Canyon and Rio Grande	Water Supply	Buckman 1	258	12/03/08		UF	CS	GENINORG	Perchlorate	ClO4	0.29	0.94	LANL Reg BG LVL	0.05	2.9	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	10	12	10/31/01	0.29	0.433	0.307	12	White Rock Canyon and Rio Grande	Water Supply	Buckman 1	258	12/03/08	FD	UF	CS	GENINORG	Perchlorate	ClO4	0.296	0.96	LANL Reg BG LVL	0.05	3.0	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	11	11	10/31/01	0.244	0.301	0.275	11	White Rock Canyon and Rio Grande	Water Supply	Buckman 8	380	12/03/08		UF	CS	GENINORG	Perchlorate	ClO4	0.269	0.98	LANL Reg BG LVL	0.05	2.7	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C6	11	15	08/28/06	51.3	292	93.2	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	GENINORG	Chloride	Cl(-1)	291	3.12	NM GW STD	250	2.3	1.3	mg/L	20				EPA:300.0	GELC	road salting influence
C6	11	15	08/28/06	51.3	292	93.2	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	GENINORG	Chloride	Cl(-1)	292	3.13	NM GW STD	250	2.3	1.3	mg/L	20				EPA:300.0	GELC	road salting influence
C6	11	17	08/28/06	235	677	333	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	677	2.03	NM GW STD	1000	1.4	2.4	mg/L	1				EPA:160.1	GELC	road salting influence
C6	11	17	08/28/06	235	677	333	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	GENINORG	Total Dissolved Solids	TDS	637	1.91	NM GW STD	1000	1.3	2.4	mg/L	1				EPA:160.1	GELC	road salting influence
C6	4	4	06/25/08	140	1230	169	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	METALS	Barium	Ba	1230	7.28	NM GW STD	1000	2.5	1	ug/L	1				SW-846:6010B	GELC	high Ba due to cation exchange with high Na in road salt
C6	16	23	12/17/03	0.258	14.2	1.2	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	METALS	Lead	Pb	14.2	11.83	EPA PRIM DW STD	15	1.9	0.5	ug/L	1				SW-846:6020	GELC	Total lead varies with turbidity, 4 NTU for this sample
CA	1	1	02/20/09	792	792	792	1	Sandia Canyon	Alluvial	SCA-1-DP	2.16	02/20/09		F	CS	METALS	Manganese	Mn	792	1.00	NM GW STD	200	4.0	2	ug/L	1				SW-846:6010B	GELC	drive point near SCA-1, turbidity = 102 NTU
CA	11	15	08/28/06	51.3	292	93.2	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09	FD	F	CS	GENINORG	Chloride	Cl(-1)	291	3.12	NM GW STD	250	1.2	1.3	mg/L	20				EPA:300.0	GELC	road salting influence
CA	11	15	08/28/06	51.3	292	93.2	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/02/09		F	CS	GENINORG	Chloride	Cl(-1)	292	3.13	NM GW STD	250	1.2	1.3	mg/L	20				EPA:300.0	GELC	road salting influence

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
CA	4	4	06/25/08	61.6	578	81.8	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	GENINORG	Chloride	Cl(-1)	578	7.07	NM GW STD	250	2.3	3.3	mg/L	50				EPA:300.0	GELC	road salting influence
CA	4	4	06/25/08	235	1360	255	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	GENINORG	Total Dissolved Solids	TDS	1360	5.33	NM GW STD	1000	1.4	2.4	mg/L	1	H	J-	I9	EPA:160.1	GELC	road salting influence
CA	4	4	06/25/08	140	1230	169	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	03/06/09		F	CS	METALS	Barium	Ba	1230	7.28	NM GW STD	1000	1.2	1	ug/L	1				SW-846:6010B	GELC	high Ba due to cation exchange with high Na in road salt