SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN MARCH 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 3-09 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 3-09 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	12	12	07/25/00	5.21	5.21	5.21	1	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		UF	CS	VOA	Butanone[2-]	78-93-3	5.21	1.00	EPA TAP SCRN LVL N	7064.5	0.0	1.3	ug/L	1		J	V7c	SW-846:8260B	GELC	
C1	4	4	04/26/07	0.341	0.341	0.341	1	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	01/13/09		UF	CS	VOA	Chloromethane	74-87-3	0.341	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	5	5	10/23/06	0.00000148	0.00000148	0.00000148	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-14	1204.5	02/18/09		UF	CS	DIOX/FUR	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	0.00000148	1.00				0.00000148	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	1	02/06/09	0.00000292	0.00000292	0.00000292	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	DIOX/FUR	Heptachlorodibenzofurans (Total)	38998-75-3	0.00000292	1.00				0.00000292	ug/L	1				SW-846:8290	ALTC	
C1	1	1	02/06/09	0.00000292	0.00000292	0.00000292	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	DIOX/FUR	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	0.00000292	1.00				0.00000292	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	2	02/06/09	6.14	7.33	6.74	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	7.33	1.09	EPA PRIM DW STD	6	1.2	2.1	ug/L	1	J	J	SV7a	SW-846:8270C	GELC	
C1	1	2	02/06/09	6.14	7.33	6.74	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	6.14	0.91	EPA PRIM DW STD	6	1.0	2.3	ug/L	1	J	J	SV7a	SW-846:8270C	GELC	
C1	1	2	02/06/09	1.46	7.06	4.26	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09	FD	UF	CS	VOA	Toluene	108-88-3	7.06	1.66	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	1	2	02/06/09	1.46	7.06	4.26	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	VOA	Toluene	108-88-3	1.46	0.34	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	1	2	02/06/09	6.8	8.16	7.48	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09	FD	UF	CS	VOA	Acetone	67-64-1	8.16	1.09	EPA TAP SCRN LVL N	5475	0.0	3.5	ug/L	1	J	J	V7c	SW-846:8260B	GELC	
C1	1	2	02/06/09	6.8	8.16	7.48	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	VOA	Acetone	67-64-1	6.8	0.91	EPA TAP SCRN LVL N	5475	0.0	3.5	ug/L	1	J	J	V7c	SW-846:8260B	GELC	
C1	1	2	02/06/09	6.34	23.8	15.07	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	VOA	Benzene	71-43-2	6.34	0.42	EPA PRIM DW STD	5	1.3	0.3	ug/L	1				SW-846:8260B	GELC	
C1	1	2	02/06/09	6.34	23.8	15.07	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09	FD	UF	CS	VOA	Benzene	71-43-2	23.8	1.58	EPA PRIM DW STD	5	4.8	0.3	ug/L	1				SW-846:8260B	GELC	
C1	1	1	02/25/09	0.00000543	0.00000543	0.00000543	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	02/25/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000543	1.00				0.00000543	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	1	01/28/09	0.00000291	0.00000291	0.00000291	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000291	1.00				0.00000291	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	well redeveloped after this sample
C1	1	1	01/28/09	3.53	3.53	3.53	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		UF	CS	VOA	Toluene	108-88-3	3.53	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	well redeveloped after this sample
C1	1	1	01/28/09	16	16	16	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		UF	CS	VOA	Butanol[1-]	71-36-3	16	1.00	EPA TAP SCRN LVL N	3650	0.0	13	ug/L	1	J	J	V7b	SW-846:8260B	GELC	well redeveloped after this sample
C1	1	1	02/25/09	0.0000151	0.0000151	0.0000151	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	DIOX/FUR	Heptachlorodibenzofurans (Total)	38998-75-3	0.0000151	1.00				0.0000151	ug/L	1				SW-846:8290	ALTC	
C1	1	1	02/25/09	0.0000237	0.0000237	0.0000237	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	DIOX/FUR	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	0.0000237	1.00				0.0000237	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	1	02/25/09	0.00000963	0.00000963	0.00000963	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	DIOX/FUR	Hexachlorodibenzofurans (Total)	55684-94-1	0.00000963	1.00				0.00000963	ug/L	1				SW-846:8290	ALTC	
C1	1	1	02/25/09	0.0000151	0.0000151	0.0000151	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	DIOX/FUR	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	0.0000151	1.00				0.0000151	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	1	02/25/09	0.0000029	0.0000029	0.0000029	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	02/25/09		UF	CS	DIOX/FUR	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	0.0000029	1.00				0.0000029	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C2	7	9	08/23/05	0.617	0.674	0.646	2	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-6	1205	01/20/09		UF	CS	GENINORG	Total Organic Carbon	TOC	0.674	1.04	LANL Reg BG LVL	0.33	2.0	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	7	7	05/11/05	0.089	0.089	0.089	1	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	01/08/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.089	1.00	LANL Avl BG LVL	0.05	1.8	0.024	mg/L	1		J-	I6a	EPA:365.4	GELC	poor matrix spike recovery
C2	11	13	06/27/00	19.4	25.2	21.1	13	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	01/08/09		F	CS	GENINORG	Sulfate	SO4(-2)	25.2	1.19	LANL Avl BG LVL	24.83	1.0	0.1	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	19	20	06/27/00	0.48	1.6	1.1	8	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		F	CS	METALS	Chromium	Cr	1.6	1.45	LANL Int BG LVL	1	1.6	1.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	6	10	06/14/07	0.068	0.129	0.095	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	GENINORG	Bromide	Br(-1)	0.129	1.36	LANL Avl BG LVL	0.07	1.8	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	6	10	06/14/07	0.068	0.129	0.095	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	GENINORG	Bromide	Br(-1)	0.095	1.00	LANL Avl BG LVL	0.07	1.4	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	15	21	05/19/05	3.59	4.22	3.96	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-1	1031.1	02/17/09		F	CS	GENINORG	Magnesium	Mg	4.2	1.06	LANL Reg BG LVL	4.15	1.0	0.085	mg/L	1				SW-846:6010B	GELC	
C2	15	20	05/20/05	0.026	0.186	0.084	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/10/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.186	2.21	LANL Reg BG LVL	0.16	1.2	0.024	mg/L	1		J	I4a	EPA:365.4	GELC	analyte in method blank at < 1/5 this concentration
C2	19	24	04/18/02	0.02	0.37	0.05	9	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-13	958.3	02/10/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.37	7.40	LANL Reg BG LVL	0.16	2.3	0.024	mg/L	1		J	I4a	EPA:365.4	GELC	analyte in method blank at < 1/5 this concentration
C2	1	1	02/06/09	1.44	1.44	1.44	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	GENINORG	Total Organic Carbon	TOC	1.44	1.00	LANL Reg BG LVL	0.33	4.4	0.33	mg/L	1				SW-846:9060	GELC	
C2	1	1	02/06/09	1.2	1.2	1.2	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		F	CS	METALS	Cobalt	Co	1.2	1.00	LANL Reg BG LVL	0.5	2.4	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	02/06/09	107	107	107	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		F	CS	METALS	Iron	Fe	107	1.00	LANL Reg BG LVL	21	5.1	25	ug/L	1				SW-846:6010B	GELC	
C2	1	1	02/06/09	14.4	14.4	14.4	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		F	CS	METALS	Manganese	Mn	14.4	1.00	LANL Reg BG LVL	2.94	4.9	2	ug/L	1				SW-846:6010B	GELC	
C2	1	1	02/06/09	2.9	2.9	2.9	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		F	CS	METALS	Molybdenum	Mo	2.9	1.00	LANL Reg BG LVL	2	1.5	0.1	ug/L	1				SW-846:6020	GELC	
C2	1	1	02/06/09	16.3	16.3	16.3	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		F	CS	METALS	Nickel	Ni	16.3	1.00	LANL Reg BG LVL	3.09	5.3	0.5	ug/L	1				SW-846:6020	GELC	
C2	1	1	02/06/09	69	69	69	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		F	CS	METALS	Zinc	Zn	69	1.00	LANL Reg BG LVL	3.89	17.7	2	ug/L	1				SW-846:6010B	GELC	
C2	1	1	01/28/09	93	93	93	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	93	1.00	LANL Int BG LVL	52	1.8	0.73	mg/L	1				EPA:310.1	GELC	well redeveloped after this sample
C2	1	1	01/28/09	0.142	0.142	0.142	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	GENINORG	Perchlorate	ClO4	0.142	1.00	LANL Int BG LVL	0.05	2.8	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	well redeveloped after this sample
C2	1	1	01/28/09	1.12	1.12	1.12	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	GENINORG	Fluoride	F(-1)	1.12	1.00	LANL Int BG LVL	0.23	4.9	0.33	mg/L	10				EPA:300.0	GELC	well redeveloped after this sample
C2	1	1	01/28/09	7	7	7	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	GENINORG	Magnesium	Mg	7	1.00	LANL Int BG LVL	6.12	1.1	0.085	mg/L	1				SW-846:6010B	GELC	well redeveloped after this sample
C2	1	1	01/28/09	18.8	18.8	18.8	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	GENINORG	Sodium	Na	18.8	1.00	LANL Int BG LVL	12.19	1.5	0.045	mg/L	1				SW-846:6010B	GELC	well redeveloped after this sample
C2	1	1	01/28/09	156	156	156	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	GENINORG	Total Dissolved Solids	TDS	156	1.00	LANL Int BG LVL	127	1.2	4.8	mg/L	1				EPA:160.1	GELC	well redeveloped after this sample
C2	1	1	01/28/09	19	19	19	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Boron	B	19	1.00	LANL Int BG LVL	15.12	1.3	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	well redeveloped after this sample
C2	1	1	01/28/09	1.9	1.9	1.9	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Chromium	Cr	1.9	1.00	LANL Int BG LVL	1	1.9	1.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	well redeveloped after this sample
C2	1	1	01/28/09	9.7	9.7	9.7	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Copper	Cu	9.7	1.00	LANL Int BG LVL	5.32	1.8	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	well redeveloped after this sample
C2	1	1	01/28/09	106	106	106	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Manganese	Mn	106	1.00	LANL Int BG LVL	2	53.0	2	ug/L	1				SW-846:6010B	GELC	well redeveloped after this sample
C2	1	1	01/28/09	9.7	9.7	9.7	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Molybdenum	Mo	9.7	1.00	LANL Int BG LVL	2	4.9	0.1	ug/L	1		J	I4a	SW-846:6020	GELC	well redeveloped after this sample, analyte in method blank at < 1/5 this concentration

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	1	1	01/28/09	1.1	1.1	1.1	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Nickel	Ni	1.1	1.00	LANL Int BG LVL	1	1.1	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	well redeveloped after this sample
C2	1	1	01/28/09	62.2	62.2	62.2	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Silicon Dioxide	SiO2	62.2	1.00	LANL Int BG LVL	50.72	1.2	0.032	mg/L	1				SW-846:6010B	GELC	well redeveloped after this sample
C2	1	1	01/28/09	0.96	0.96	0.96	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Uranium	U	0.96	1.00	LANL Int BG LVL	0.72	1.3	0.05	ug/L	1				SW-846:6020	GELC	well redeveloped after this sample
C2	1	1	01/28/09	343	343	343	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Zinc	Zn	343	1.00	LANL Int BG LVL	2	171.5	2	ug/L	1				SW-846:6010B	GELC	well redeveloped after this sample
C2	6	7	03/13/01	5000	14900	9460	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Iron	Fe	8670	0.92	LANL Reg BG LVL	21	412.9	25	ug/L	1				SW-846:6010B	GELC	
C2	6	7	03/13/01	5000	14900	9460	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Iron	Fe	14800	1.56	LANL Reg BG LVL	21	704.8	25	ug/L	1				SW-846:6010B	GELC	
C2	6	7	03/13/01	2580	4410	3160	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Manganese	Mn	4000	1.27	LANL Reg BG LVL	2.94	1360.5	2	ug/L	1				SW-846:6010B	GELC	
C2	6	7	03/13/01	2580	4410	3160	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Manganese	Mn	2580	0.82	LANL Reg BG LVL	2.94	877.6	2	ug/L	1				SW-846:6010B	GELC	
C3	10	11	07/17/00	5.929999828	144	22.6	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	02/11/09		F	CS	GENINORG	Chloride	Cl(-1)	144	6.37	NM GW STD	250	1.2	1.3	mg/L	20				EPA:300.0	GELC	highest value at this location- road salt
C3	19	24	04/18/02	0.02	0.37	0.05	9	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-13	958.3	02/10/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.37	7.40	EPA TAP SCRN LVL N	0.73	1.0	0.024	mg/L	1		J	I4a	EPA:365.4	GELC	analyte in method blank at < 1/5 this concentration
C3	1	2	02/06/09	6.14	7.33	6.74	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	6.14	0.91	EPA PRIM DW STD	6	2.1	2.3	ug/L	1	J	J	SV7a	SW-846:8270C	GELC	
C3	1	2	02/06/09	6.14	7.33	6.74	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	7.33	1.09	EPA PRIM DW STD	6	2.4	2.1	ug/L	1	J	J	SV7a	SW-846:8270C	GELC	
C3	1	2	02/06/09	6.34	23.8	15.07	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09	FD	UF	CS	VOA	Benzene	71-43-2	23.8	1.58	EPA PRIM DW STD	5	9.5	0.3	ug/L	1				SW-846:8260B	GELC	
C3	1	2	02/06/09	6.34	23.8	15.07	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	VOA	Benzene	71-43-2	6.34	0.42	EPA PRIM DW STD	5	2.5	0.3	ug/L	1				SW-846:8260B	GELC	
C3	1	1	01/28/09	1.12	1.12	1.12	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	GENINORG	Fluoride	F(-1)	1.12	1.00	NM GW STD	1.6	1.4	0.33	mg/L	10				EPA:300.0	GELC	well redeveloped after this sample
C3	1	1	01/28/09	106	106	106	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	01/28/09		F	CS	METALS	Manganese	Mn	106	1.00	NM GW STD	200	1.1	2	ug/L	1				SW-846:6010B	GELC	well redeveloped after this sample
C3	6	7	03/13/01	5000	14900	9460	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Iron	Fe	8670	0.92	NM GW STD	1000	17.3	25	ug/L	1				SW-846:6010B	GELC	
C3	6	7	03/13/01	5000	14900	9460	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Iron	Fe	14800	1.56	NM GW STD	1000	29.6	25	ug/L	1				SW-846:6010B	GELC	
C3	6	7	03/13/01	2580	4410	3160	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Manganese	Mn	2580	0.82	NM GW STD	200	25.8	2	ug/L	1				SW-846:6010B	GELC	
C3	6	7	03/13/01	2580	4410	3160	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Manganese	Mn	4000	1.27	NM GW STD	200	40.0	2	ug/L	1				SW-846:6010B	GELC	
C5	6	6	08/08/06	151	296	177	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	01/22/09		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	183	1.03	LANL Int BG LVL	52	1.8	0.73	mg/L	1				EPA:310.1	GELC	
C5	6	6	08/08/06	0.11	0.179	0.136	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	01/22/09		F	CS	GENINORG	Bromide	Br(-1)	0.111	0.82	LANL Int BG LVL	0.03	1.9	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	6	6	08/08/06	42.5	45.3	44.8	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	01/22/09		F	CS	GENINORG	Chloride	Cl(-1)	45.1	1.01	LANL Int BG LVL	7.78	2.9	0.33	mg/L	5				EPA:300.0	GELC	
C5	6	6	08/08/06	0.234	0.372	0.264	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	01/22/09		F	CS	GENINORG	Perchlorate	ClO4	0.313	1.19	LANL Int BG LVL	0.05	3.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	7	7	05/07/05	4.8	7.65	5.2	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	01/22/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4.95	0.95	LANL Int BG LVL	2.41	1.0	0.1	mg/L	10		J-	I6a	EPA:353.2	GELC	poor matrix spike recovery
C5	12	16	07/19/00	329	393	357	16	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	01/22/09		F	CS	GENINORG	Total Dissolved Solids	TDS	365	1.02	LANL Int BG LVL	127	1.4	2.4	mg/L	1				EPA:160.1	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	7	8	08/10/06	150	162	157	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	01/20/09		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	157	1.00	LANL Int BG LVL	52	1.5	0.73	mg/L	1				EPA:310.1	GELC	
C5	7	8	08/10/06	150	162	157	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	01/20/09	FD	F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	157	1.00	LANL Int BG LVL	52	1.5	0.73	mg/L	1				EPA:310.1	GELC	
C5	7	8	08/10/06	34.4	39.3	35.6	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	01/20/09		F	CS	GENINORG	Chloride	Cl(-1)	38	1.07	LANL Int BG LVL	7.78	2.4	0.33	mg/L	5		J+	I6b	EPA:300.0	GELC	
C5	7	8	08/10/06	34.4	39.3	35.6	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	01/20/09	FD	F	CS	GENINORG	Chloride	Cl(-1)	36.7	1.03	LANL Int BG LVL	7.78	2.4	0.33	mg/L	5		J+	I6b	EPA:300.0	GELC	
C5	7	8	08/10/06	0.104	2.88	2.56	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	01/20/09		F	CS	GENINORG	Perchlorate	ClO4	2.69	1.05	LANL Int BG LVL	0.05	26.9	0.2	ug/L	4				SW-846:6850	GELC	
C5	7	8	08/10/06	0.104	2.88	2.56	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	01/20/09	FD	F	CS	GENINORG	Perchlorate	ClO4	2.82	1.10	LANL Int BG LVL	0.05	28.2	0.2	ug/L	4				SW-846:6850	GELC	
C5	7	8	08/10/06	251	437	318	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	01/20/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	310	0.97	LANL Int BG LVL	127	1.2	2.4	mg/L	1				EPA:160.1	GELC	
C5	7	8	08/10/06	251	437	318	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	01/20/09		F	CS	GENINORG	Total Dissolved Solids	TDS	318	1.00	LANL Int BG LVL	127	1.3	2.4	mg/L	1				EPA:160.1	GELC	
C5	6	10	07/25/06	2.54	5.17	4.5	10	Pueblo Canyon (includes Acid Canyon)	Regional	R-4	792.9	01/22/09		F	CS	GENINORG	Perchlorate	ClO4	4.26	0.95	LANL Reg BG LVL	0.46	4.6	0.5	ug/L	10				SW-846:6850	GELC	
C5	6	10	07/25/06	2.54	5.17	4.5	10	Pueblo Canyon (includes Acid Canyon)	Regional	R-4	792.9	01/22/09	FD	F	CS	GENINORG	Perchlorate	ClO4	4.26	0.95	LANL Reg BG LVL	0.46	4.6	0.5	ug/L	10				SW-846:6850	GELC	
C5	10	13	08/24/05	15.7	18	16.8	13	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/20/09	FD	F	CS	GENINORG	Chloride	Cl(-1)	16.7	0.99	LANL Int BG LVL	7.78	1.1	0.066	mg/L	1		J+	I6b	EPA:300.0	GELC	
C5	10	13	08/24/05	15.7	18	16.8	13	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/20/09		F	CS	GENINORG	Chloride	Cl(-1)	16.8	1.00	LANL Int BG LVL	7.78	1.1	0.066	mg/L	1		J+	I6b	EPA:300.0	GELC	
C5	6	9	07/26/06	6.39	8.32	7.47	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/20/09		F	CS	GENINORG	Perchlorate	ClO4	6.39	0.86	LANL Int BG LVL	0.05	63.9	0.5	ug/L	10				SW-846:6850	GELC	
C5	6	9	07/26/06	6.39	8.32	7.47	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/20/09	FD	F	CS	GENINORG	Perchlorate	ClO4	6.62	0.89	LANL Int BG LVL	0.05	66.2	0.5	ug/L	10				SW-846:6850	GELC	
C5	10	13	08/24/05	0.575	0.725	0.632	13	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/20/09	FD	F	CS	GENINORG	Fluoride	F(-1)	0.713	1.13	LANL Int BG LVL	0.23	1.6	0.033	mg/L	1				EPA:300.0	GELC	
C5	10	13	08/24/05	0.575	0.725	0.632	13	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/20/09		F	CS	GENINORG	Fluoride	F(-1)	0.71	1.12	LANL Int BG LVL	0.23	1.5	0.033	mg/L	1				EPA:300.0	GELC	
C5	9	11	07/26/00	143	271	170	11	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	01/08/09		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	159	0.94	LANL Avl BG LVL	76	1.1	0.73	mg/L	1				EPA:310.1	GELC	
C5	7	7	05/11/05	0.08	0.224	0.191	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	01/08/09		F	CS	GENINORG	Bromide	Br(-1)	0.192	1.01	LANL Avl BG LVL	0.07	1.4	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	9	11	06/27/00	30	48.7	32.8	11	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	01/08/09		F	CS	GENINORG	Sodium	Na	41	1.25	LANL Avl BG LVL	15.54	1.3	0.045	mg/L	1				SW-846:6010B	GELC	
C5	8	9	06/27/00	284	348	322	9	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	01/08/09		F	CS	GENINORG	Total Dissolved Solids	TDS	307	0.95	LANL Avl BG LVL	139	1.1	2.4	mg/L	1				EPA:160.1	GELC	
C5	9	11	06/27/00	134	181	144	11	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	01/08/09		F	CS	METALS	Barium	Ba	149	1.03	LANL Avl BG LVL	68.57	1.1	1	ug/L	1				SW-846:6010B	GELC	
C5	5	5	05/11/05	410	507	420	5	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	01/08/09		F	CS	METALS	Strontium	Sr	420	1.00	LANL Avl BG LVL	120	1.8	1	ug/L	1				SW-846:6010B	GELC	
C5	19	21	06/27/00	21.7	51	32.4	21	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		F	CS	GENINORG	Chloride	Cl(-1)	21.7	0.67	LANL Int BG LVL	7.78	1.4	0.13	mg/L	2		J+	I6b	EPA:300.0	GELC	
C5	6	6	05/11/05	0.594	4.39	1.28	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		F	CS	GENINORG	Perchlorate	ClO4	4.39	3.43	LANL Int BG LVL	0.05	43.9	0.5	ug/L	10				SW-846:6850	GELC	highest LC/MS/MS result
C5	19	20	06/27/00	25.6	53.11399841	47.8	20	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		F	CS	GENINORG	Sodium	Na	25.6	0.54	LANL Int BG LVL	12.19	1.1	0.045	mg/L	1				SW-846:6010B	GELC	
C5	13	14	07/25/00	0.021	2.839999914	1.519999979	14	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.703	0.46	LANL Int BG LVL	0.08	4.4	0.024	mg/L	1		J	I4a	EPA:365.4	GELC	analyte in method blank at < 1/5 this concentration
C5	12	13	07/25/00	81.6	280.0000012	207	13	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		F	CS	METALS	Boron	B	81.6	0.39	LANL Int BG LVL	15.12	2.7	10	ug/L	1		J	I4a	SW-846:6010B	GELC	analyte in method blank at < 1/5 this concentration
C5	19	20	06/27/00	2.3	10.1	8.2	18	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		F	CS	METALS	Nickel	Ni	2.3	0.28	LANL Int BG LVL	1	1.2	0.5	ug/L	1				SW-846:6020	GELC	
C5	5	5	04/26/07	0.27	0.325	0.284	4	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	01/13/09		F	CS	GENINORG	Bromide	Br(-1)	0.291	1.02	LANL Int BG LVL	0.03	4.9	0.067	mg/L	1				EPA:300.0	GELC	
C5	5	5	04/26/07	18.8	19.4	19	5	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	01/13/09		F	CS	GENINORG	Chloride	Cl(-1)	19.3	1.02	LANL Int BG LVL	7.78	1.2	0.13	mg/L	2		J+	I6b	EPA:300.0	GELC	
C5	5	5	04/26/07	1.43	1.62	1.44	5	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	01/13/09		F	CS	GENINORG	Perchlorate	ClO4	1.6	1.11	LANL Int BG LVL	0.05	16.0	0.2	ug/L	4				SW-846:6850	GELC	
C5	5	5	04/26/07	0.847	0.922	0.895	5	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	01/13/09		F	CS	GENINORG	Fluoride	F(-1)	0.922	1.03	LANL Int BG LVL	0.23	2.0	0.033	mg/L	1				EPA:300.0	GELC	
C5	5	5	04/26/07	4.3	5.3	5	4	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	01/13/09		F	CS	METALS	Chromium	Cr	4.3	0.86	LANL Int BG LVL	1	2.2	1.5	ug/L	1				SW-846:6020	GELC	
C5	5	5	04/26/07	1.8	2.8	2.6	5	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	01/13/09		F	CS	METALS	Uranium	U	2.6	1.00	LANL Int BG LVL	0.72	1.8	0.05	ug/L	1				SW-846:6020	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	9	12	11/15/05	6.96	7.59	7.31	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Regional	R-24	825	01/15/09		F	CS	GENINORG	Chloride	Cl(-1)	7.47	1.02	LANL Reg BG LVL	3.57	1.1	0.066	mg/L	1				EPA:300.0	GELC	
C5	6	7	02/13/07	0.182	0.555	0.437	7	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	GENINORG	Bromide	Br(-1)	0.224	0.51	LANL Avl BG LVL	0.07	1.6	0.067	mg/L	1				EPA:300.0	GELC	
C5	6	7	02/13/07	0.164	0.795	0.407	7	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	GENINORG	Perchlorate	ClO4	0.645	1.58	LANL Avl BG LVL	0.05	6.5	0.05	ug/L	1				SW-846:6850	GELC	
C5	6	8	02/13/07	10.8	17.3	13.3	8	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	GENINORG	Potassium	K	17	1.28	LANL Avl BG LVL	5.21	1.6	0.05	mg/L	1	N	J+	I6b	SW-846:6010B	GELC	
C5	6	8	02/13/07	46.1	157	117.5	8	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	GENINORG	Sodium	Na	124	1.06	LANL Avl BG LVL	15.54	4.0	0.045	mg/L	1				SW-846:6010B	GELC	
C5	5	6	02/13/07	0.294	2.75	2.37	6	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	2.29	0.97	LANL Avl BG LVL	0.05	22.9	0.024	mg/L	1				EPA:365.4	GELC	
C5	6	7	02/13/07	295	750	513	7	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	GENINORG	Total Dissolved Solids	TDS	513	1.00	LANL Avl BG LVL	139	1.9	2.4	mg/L	1				EPA:160.1	GELC	
C5	6	8	02/13/07	4.8	10	7	6	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	METALS	Chromium	Cr	4.8	0.69	LANL Avl BG LVL	1	2.4	1.5	ug/L	1				SW-846:6020	GELC	
C5	6	8	02/13/07	6.7	13.1	12.4	6	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	METALS	Molybdenum	Mo	6.7	0.54	LANL Avl BG LVL	2	1.7	0.1	ug/L	1				SW-846:6020	GELC	
C5	6	8	02/13/07	10.5	195	37.7	8	Sandia Canyon	Alluvial	SCA-2	10.3	02/02/09		F	CS	METALS	Zinc	Zn	50.2	1.33	LANL Avl BG LVL	2	12.6	2	ug/L	1				SW-846:6010B	GELC	
C5	6	7	02/01/06	0.957	1.16	1.085	6	Sandia Canyon	Intermediate	R-12	507	02/11/09		F	CS	GENINORG	Perchlorate	ClO4	0.985	0.91	LANL Int BG LVL	0.05	9.9	0.1	ug/L	2		J	PE16a	SW-846:6850	GELC	
C5	10	12	09/19/00	23.6	180	43.6	11	Sandia Canyon	Intermediate	R-12	507	02/11/09		F	CS	METALS	Manganese	Mn	42.4	0.97	LANL Int BG LVL	2	10.6	2	ug/L	1				SW-846:6010B	GELC	
C5	15	21	05/17/05	3.41	7.43	5.01	21	Sandia Canyon	Regional	R-11	855	02/05/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.01	1.00	LANL Reg BG LVL	0.89	2.8	0.1	mg/L	10				EPA:353.2	GELC	
C5	16	23	05/17/05	14.5	34.9	22.1	23	Sandia Canyon	Regional	R-11	855	02/05/09		F	CS	METALS	Chromium	Cr	14.5	0.66	LANL Reg BG LVL	5.75	1.3	1.5	ug/L	1				SW-846:6020	GELC	
C5	15	21	05/17/05	10.5	37	14.9	16	Sandia Canyon	Regional	R-11	855	02/05/09		F	CS	METALS	Zinc	Zn	10.5	0.70	LANL Reg BG LVL	3.89	1.4	2	ug/L	1				SW-846:6010B	GELC	
C5	7	11	08/29/07	32.9	62.3	42.6	11	Sandia Canyon	Regional	R-35b	825.4	02/02/09		F	CS	METALS	Zinc	Zn	38.3	0.90	LANL Reg BG LVL	3.89	4.9	2	ug/L	1				SW-846:6010B	GELC	
C5	7	11	08/29/07	32.9	62.3	42.6	11	Sandia Canyon	Regional	R-35b	825.4	02/02/09	FD	F	CS	METALS	Zinc	Zn	34.7	0.81	LANL Reg BG LVL	3.89	4.5	2	ug/L	1				SW-846:6010B	GELC	
C5	7	8	08/30/07	299	340	322	8	Sandia Canyon	Regional	R-35a	1013.1	02/04/09		F	CS	METALS	Barium	Ba	324	1.01	LANL Reg BG LVL	56.83	2.9	1	ug/L	1				SW-846:6010B	GELC	
C5	4	4	05/12/08	1.51	1.62	1.56	4	Sandia Canyon	Regional	R-36	766.9	02/05/09		F	CS	GENINORG	Perchlorate	ClO4	1.54	0.99	LANL Reg BG LVL	0.46	1.7	0.2	ug/L	4				SW-846:6850	GELC	
C5	4	4	05/12/08	2.22	2.43	2.32	4	Sandia Canyon	Regional	R-36	766.9	02/05/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.4	1.03	LANL Reg BG LVL	0.89	1.4	0.05	mg/L	5				EPA:353.2	GELC	
C5	4	4	05/12/08	1.04	6.31	2.34	4	Sandia Canyon	Regional	R-36	766.9	02/05/09		UF	CS	GENINORG	Total Organic Carbon	TOC	1.04	0.44	LANL Reg BG LVL	0.33	1.6	0.33	mg/L	1				SW-846:9060	GELC	
C5	4	4	05/12/08	58.9	71.3	63.7	4	Sandia Canyon	Regional	R-36	766.9	02/05/09		F	CS	METALS	Zinc	Zn	71.3	1.12	LANL Reg BG LVL	3.89	9.2	2	ug/L	1				SW-846:6010B	GELC	
C5	10	10	09/19/05	155	739	342	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	02/05/09		F	CS	GENINORG	Chloride	Cl(-1)	329	0.96	LANL Avl BG LVL	69.76	2.4	3.3	mg/L	50				EPA:300.0	GELC	runoff from road salting
C5	10	10	09/19/05	8.67	24.2	11.65	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	02/05/09		F	CS	GENINORG	Potassium	K	10.6	0.91	LANL Avl BG LVL	5.21	1.0	0.05	mg/L	1				SW-846:6010B	GELC	
C5	10	10	09/19/05	164	481	281	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	02/05/09		F	CS	GENINORG	Sodium	Na	216	0.77	LANL Avl BG LVL	15.54	7.0	0.045	mg/L	1				SW-846:6010B	GELC	runoff from road salting
C5	10	13	09/19/05	590	1650	989	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	02/05/09		F	CS	GENINORG	Total Dissolved Solids	TDS	714	0.72	LANL Avl BG LVL	139	2.6	2.4	mg/L	1				EPA:160.1	GELC	runoff from road salting
C5	10	10	09/19/05	154	694	263	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	02/05/09		F	CS	METALS	Barium	Ba	219	0.83	LANL Avl BG LVL	68.57	1.6	1	ug/L	1				SW-846:6010B	GELC	
C5	10	10	09/19/05	6.3	25.4	11.3	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	02/05/09		F	CS	METALS	Cobalt	Co	9.6	0.85	LANL Avl BG LVL	0.5	9.6	1	ug/L	1				SW-846:6010B	GELC	
C5	10	10	09/19/05	1460	5870	2345	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	02/05/09		F	CS	METALS	Manganese	Mn	1840	0.78	LANL Avl BG LVL	2	460.0	2	ug/L	1				SW-846:6010B	GELC	
C5	10	10	09/19/05	14	36.3	16.7	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	02/05/09		F	CS	METALS	Nickel	Ni	14	0.84	LANL Avl BG LVL	1	7.0	0.5	ug/L	1				SW-846:6020	GELC	
C5	7	11	07/17/00	3.871000051	77.5	22.8	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	GENINORG	Potassium	K	40.8	1.79	LANL Avl BG LVL	5.21	3.9	0.05	mg/L	1				SW-846:6010B	GELC	

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C5	7	11	07/17/00	3.871000051	77.5	22.8	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	GENINORG	Potassium	K	40	1.75	LANL Avl BG LVL	5.21	3.8	0.05	mg/L	1				SW-846:6010B	GELC	
C5	7	11	07/17/00	36.05599976	945	120	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	GENINORG	Sodium	Na	273	2.28	LANL Avl BG LVL	15.54	8.8	0.045	mg/L	1				SW-846:6010B	GELC	
C5	7	11	07/17/00	36.05599976	945	120	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	GENINORG	Sodium	Na	284	2.37	LANL Avl BG LVL	15.54	9.1	0.045	mg/L	1				SW-846:6010B	GELC	
C5	8	12	07/17/00	322	3800	634	12	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	GENINORG	Total Dissolved Solids	TDS	927	1.46	LANL Avl BG LVL	139	3.3	2.4	mg/L	1				EPA:160.1	GELC	
C5	8	12	07/17/00	322	3800	634	12	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	915	1.44	LANL Avl BG LVL	139	3.3	2.4	mg/L	1				EPA:160.1	GELC	
C5	7	11	07/17/00	1.9	12.3	3.8	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	METALS	Cobalt	Co	5.4	1.42	LANL Avl BG LVL	0.5	5.4	1	ug/L	1				SW-846:6010B	GELC	
C5	7	11	07/17/00	1.9	12.3	3.8	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	METALS	Cobalt	Co	5	1.32	LANL Avl BG LVL	0.5	5.0	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	7	11	07/17/00	3.8	52.8	16.2	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	METALS	Chromium	Cr	11.1	0.69	LANL Avl BG LVL	1	5.6	1.5	ug/L	1				SW-846:6020	GELC	
C5	7	11	07/17/00	3.8	52.8	16.2	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	METALS	Chromium	Cr	9.5	0.59	LANL Avl BG LVL	1	4.8	1.5	ug/L	1				SW-846:6020	GELC	
C5	7	11	07/17/00	181	2530	458	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	METALS	Manganese	Mn	462	1.01	LANL Avl BG LVL	2	115.5	2	ug/L	1				SW-846:6010B	GELC	
C5	7	11	07/17/00	181	2530	458	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	METALS	Manganese	Mn	458	1.00	LANL Avl BG LVL	2	114.5	2	ug/L	1				SW-846:6010B	GELC	
C5	7	11	07/17/00	9	400.9999931	159	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	METALS	Molybdenum	Mo	80.5	0.51	LANL Avl BG LVL	2	20.1	0.1	ug/L	1				SW-846:6020	GELC	
C5	7	11	07/17/00	9	400.9999931	159	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	METALS	Molybdenum	Mo	82.2	0.52	LANL Avl BG LVL	2	20.6	0.1	ug/L	1				SW-846:6020	GELC	
C5	7	11	07/17/00	3.5	14.1	6.4	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	METALS	Nickel	Ni	6.9	1.08	LANL Avl BG LVL	1	3.5	0.5	ug/L	1				SW-846:6020	GELC	
C5	7	11	07/17/00	3.5	14.1	6.4	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	METALS	Nickel	Ni	6.2	0.97	LANL Avl BG LVL	1	3.1	0.5	ug/L	1				SW-846:6020	GELC	
C5	7	11	07/17/00	3.5	18.3	7.9	9	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	METALS	Vanadium	V	3.6	0.46	LANL Avl BG LVL	1	1.8	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	7	11	07/17/00	3.5	18.3	7.9	9	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	METALS	Vanadium	V	3.5	0.44	LANL Avl BG LVL	1	1.8	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	7	11	07/17/00	7.6	248	38.9	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09	FD	F	CS	METALS	Zinc	Zn	83.1	2.14	LANL Avl BG LVL	2	20.8	2	ug/L	1				SW-846:6010B	GELC	
C5	7	11	07/17/00	7.6	248	38.9	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	02/10/09		F	CS	METALS	Zinc	Zn	88.9	2.29	LANL Avl BG LVL	2	22.2	2	ug/L	1				SW-846:6010B	GELC	
C5	15	20	06/14/05	0.971	4.15	2.495	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	02/11/09		F	CS	GENINORG	Perchlorate	ClO4	2.14	0.86	LANL Avl BG LVL	0.05	21.4	0.2	ug/L	4		J	PE16a	SW-846:6850	GELC	
C5	41	49	02/24/00	0.289	530	2.69	47	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	02/11/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4.62	1.72	LANL Avl BG LVL	0.57	4.1	0.1	mg/L	10				EPA:353.2	GELC	
C5	19	25	04/21/05	5.68	44.3	17.7	25	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/04/09		F	CS	GENINORG	Perchlorate	ClO4	5.68	0.32	LANL Avl BG LVL	0.05	56.8	0.5	ug/L	10				SW-846:6850	GELC	
C5	28	37	05/24/01	0.629	1.07	0.917	36	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/04/09		F	CS	GENINORG	Fluoride	F(-1)	0.682	0.74	LANL Avl BG LVL	0.27	1.3	0.033	mg/L	1				EPA:300.0	GELC	
C5	13	17	06/30/03	42.8	80.7	54.5	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/04/09		F	CS	GENINORG	Sodium	Na	53.1	0.97	LANL Avl BG LVL	15.54	1.7	0.045	mg/L	1				SW-846:6010B	GELC	

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C5	28	41	05/24/01	239	2840	311	41	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/04/09		F	CS	GENINORG	Total Dissolved Solids	TDS	281	0.90	LANL Avl BG LVL	139	1.0	2.4	mg/L	1				EPA:160.1	GELC	
C5	13	17	06/30/03	18.6	72.9	40.5	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/04/09		F	CS	METALS	Molybdenum	Mo	24.8	0.61	LANL Avl BG LVL	2	6.2	0.1	ug/L	1				SW-846:6020	GELC	
C5	10	10	05/03/05	6.76	24.4	19.35	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	02/11/09		F	CS	GENINORG	Perchlorate	ClO4	6.76	0.35	LANL Avl BG LVL	0.05	67.6	0.5	ug/L	10		J	PE16a	SW-846:6850	GELC	
C5	15	16	08/02/01	0.714	1.18	0.941	16	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	02/11/09		F	CS	GENINORG	Fluoride	F(-1)	0.82	0.87	LANL Avl BG LVL	0.27	1.5	0.033	mg/L	1				EPA:300.0	GELC	
C5	14	15	08/02/01	12.1	15.7	13.8	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	02/11/09		F	CS	GENINORG	Potassium	K	12.9	0.93	LANL Avl BG LVL	5.21	1.2	0.05	mg/L	1				SW-846:6010B	GELC	
C5	14	15	08/02/01	46.3	77.4	58.1	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	02/11/09		F	CS	GENINORG	Sodium	Na	56.1	0.97	LANL Avl BG LVL	15.54	1.8	0.045	mg/L	1				SW-846:6010B	GELC	
C5	15	21	08/02/01	251	493	294	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	02/11/09		F	CS	GENINORG	Total Dissolved Solids	TDS	308	1.05	LANL Avl BG LVL	139	1.1	2.4	mg/L	1		J	I4a	EPA:160.1	GELC	analyte in method blank at < 1/5 this concentration
C5	14	15	08/02/01	24.9	81.3	49.8	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	02/11/09		F	CS	METALS	Molybdenum	Mo	28.4	0.57	LANL Avl BG LVL	2	7.1	0.1	ug/L	1				SW-846:6020	GELC	
C5	20	25	04/27/05	7.39	31.7	22.2	25	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	02/04/09		F	CS	GENINORG	Perchlorate	ClO4	7.82	0.35	LANL Avl BG LVL	0.05	78.2	0.5	ug/L	10				SW-846:6850	GELC	
C5	41	49	02/24/00	0.852	1.51	1.09	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	02/04/09		F	CS	GENINORG	Fluoride	F(-1)	0.895	0.82	LANL Avl BG LVL	0.27	1.7	0.033	mg/L	1				EPA:300.0	GELC	
C5	15	18	08/06/01	13.4	16.6	15.4	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	02/04/09		F	CS	GENINORG	Potassium	K	13.4	0.87	LANL Avl BG LVL	5.21	1.3	0.05	mg/L	1				SW-846:6010B	GELC	
C5	15	18	08/06/01	50.3	71.3	63	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	02/04/09		F	CS	GENINORG	Sodium	Na	50.7	0.80	LANL Avl BG LVL	15.54	1.6	0.045	mg/L	1				SW-846:6010B	GELC	
C5	38	59	10/30/00	265	486	317	59	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	02/04/09		F	CS	GENINORG	Total Dissolved Solids	TDS	286	0.90	LANL Avl BG LVL	139	1.0	2.4	mg/L	1				EPA:160.1	GELC	
C5	15	18	08/06/01	27.1	89.7	54.7	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	02/04/09		F	CS	METALS	Molybdenum	Mo	29.8	0.54	LANL Avl BG LVL	2	7.5	0.1	ug/L	1				SW-846:6020	GELC	
C5	19	24	04/28/05	10.1	47.5	27.1	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	02/03/09		F	CS	GENINORG	Perchlorate	ClO4	10.4	0.38	LANL Avl BG LVL	0.05	104.0	1	ug/L	20				SW-846:6850	GELC	
C5	42	51	02/24/00	1.07	2.13	1.36	50	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	02/03/09		F	CS	GENINORG	Fluoride	F(-1)	1.11	0.82	LANL Avl BG LVL	0.27	2.1	0.033	mg/L	1				EPA:300.0	GELC	
C5	15	17	08/07/01	11.5	19.4	16.3	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	02/03/09		F	CS	GENINORG	Potassium	K	16	0.98	LANL Avl BG LVL	5.21	1.5	0.05	mg/L	1				SW-846:6010B	GELC	
C5	15	17	08/07/01	43.1	79.3	60.9	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	02/03/09		F	CS	GENINORG	Sodium	Na	52	0.85	LANL Avl BG LVL	15.54	1.7	0.045	mg/L	1				SW-846:6010B	GELC	
C5	16	18	08/07/01	0.04	0.416	0.294	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	02/03/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.325	1.11	LANL Avl BG LVL	0.05	3.3	0.024	mg/L	1				EPA:365.4	GELC	
C5	15	17	08/07/01	154	211	178	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	02/03/09		F	CS	METALS	Barium	Ba	178	1.00	LANL Avl BG LVL	68.57	1.3	1	ug/L	1				SW-846:6010B	GELC	
C5	15	17	08/07/01	34.6	92.1	66.5	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	02/03/09		F	CS	METALS	Molybdenum	Mo	36.6	0.55	LANL Avl BG LVL	2	9.2	0.1	ug/L	1				SW-846:6020	GELC	
C5	11	16	04/28/05	12.7	58	24.3	16	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09		F	CS	GENINORG	Perchlorate	ClO4	13.6	0.56	LANL Avl BG LVL	0.05	136.0	1	ug/L	20				SW-846:6850	GELC	
C5	11	16	04/28/05	12.7	58	24.3	16	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09	FD	F	CS	GENINORG	Perchlorate	ClO4	13.8	0.57	LANL Avl BG LVL	0.05	138.0	1	ug/L	20				SW-846:6850	GELC	
C5	13	19	08/07/01	1.33	1.77	1.42	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09	FD	F	CS	GENINORG	Fluoride	F(-1)	1.4	0.99	LANL Avl BG LVL	0.27	2.6	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
C5	13	19	08/07/01	1.33	1.77	1.42	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09		F	CS	GENINORG	Fluoride	F(-1)	1.35	0.95	LANL Avl BG LVL	0.27	2.5	0.033	mg/L	1				EPA:300.0	GELC	
C5	13	18	08/07/01	7.07	16.6	12.25	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09	FD	F	CS	GENINORG	Potassium	K	12.7	1.04	LANL Avl BG LVL	5.21	1.2	0.05	mg/L	1				SW-846:6010B	GELC	
C5	13	18	08/07/01	7.07	16.6	12.25	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09		F	CS	GENINORG	Potassium	K	12.7	1.04	LANL Avl BG LVL	5.21	1.2	0.05	mg/L	1				SW-846:6010B	GELC	
C5	13	18	08/07/01	1.39	7.85	2.18	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.42	0.65	LANL Avl BG LVL	0.57	1.3	0.05	mg/L	5				EPA:353.2	GELC	
C5	13	18	08/07/01	1.39	7.85	2.18	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.39	0.64	LANL Avl BG LVL	0.57	1.2	0.05	mg/L	5				EPA:353.2	GELC	
C5	13	18	08/07/01	54	83.5	61.5	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09		F	CS	GENINORG	Sodium	Na	59.6	0.97	LANL Avl BG LVL	15.54	1.9	0.045	mg/L	1				SW-846:6010B	GELC	
C5	13	18	08/07/01	54	83.5	61.5	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09	FD	F	CS	GENINORG	Sodium	Na	59.8	0.97	LANL Avl BG LVL	15.54	1.9	0.045	mg/L	1				SW-846:6010B	GELC	
C5	13	18	08/07/01	116	174	163	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09	FD	F	CS	METALS	Barium	Ba	165	1.01	LANL Avl BG LVL	68.57	1.2	1	ug/L	1				SW-846:6010B	GELC	
C5	13	18	08/07/01	116	174	163	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09		F	CS	METALS	Barium	Ba	164	1.01	LANL Avl BG LVL	68.57	1.2	1	ug/L	1				SW-846:6010B	GELC	
C5	13	18	08/07/01	44.1	108	59.6	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09	FD	F	CS	METALS	Molybdenum	Mo	48.9	0.82	LANL Avl BG LVL	2	12.2	0.1	ug/L	1				SW-846:6020	GELC	
C5	13	18	08/07/01	44.1	108	59.6	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09		F	CS	METALS	Molybdenum	Mo	46.6	0.78	LANL Avl BG LVL	2	11.7	0.1	ug/L	1				SW-846:6020	GELC	
C5	13	18	08/07/01	2	8.08	2.45	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09	FD	F	CS	METALS	Nickel	Ni	2	0.82	LANL Avl BG LVL	1	1.0	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	13	18	08/07/01	2	8.08	2.45	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	02/03/09		F	CS	METALS	Nickel	Ni	2	0.82	LANL Avl BG LVL	1	1.0	0.5	ug/L	1				SW-846:6020	GELC	
C5	7	8	11/14/06	0.298	0.411	0.348	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	CDBO-6	34	02/11/09		F	CS	GENINORG	Perchlorate	ClO4	0.305	0.88	LANL Avl BG LVL	0.05	3.1	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	13	13	06/23/05	0.34	0.606	0.407	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	02/11/09		F	CS	GENINORG	Bromide	Br(-1)	0.5	1.23	LANL Int BG LVL	0.03	8.3	0.067	mg/L	1				EPA:300.0	GELC	
C5	13	13	06/23/05	18.4	21	19.4	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	02/11/09		F	CS	GENINORG	Chloride	Cl(-1)	19.6	1.01	LANL Int BG LVL	7.78	1.3	0.13	mg/L	2				EPA:300.0	GELC	
C5	13	13	06/23/05	63.8	166	130	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	02/11/09		F	CS	GENINORG	Perchlorate	ClO4	63.8	0.49	LANL Int BG LVL	0.05	638.0	10	ug/L	200		J	PE16a	SW-846:6850	GELC	
C5	13	13	06/23/05	10.5	17.7	14	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	02/11/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	10.5	0.75	LANL Int BG LVL	2.41	2.2	0.1	mg/L	10				EPA:353.2	GELC	
C5	13	14	06/23/05	6.7	29.4	13	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	02/11/09		F	CS	METALS	Chromium	Cr	8	0.62	LANL Int BG LVL	1	4.0	1.5	ug/L	1				SW-846:6020	GELC	
C5	13	13	06/23/05	4.2	66.9	14.2	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	02/11/09		F	CS	METALS	Copper	Cu	12.6	0.89	LANL Int BG LVL	5.32	1.2	3	ug/L	1				SW-846:6010B	GELC	
C5	13	13	06/23/05	2.2	5.1	3	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	02/11/09		F	CS	METALS	Nickel	Ni	3	1.00	LANL Int BG LVL	1	1.5	0.5	ug/L	1				SW-846:6020	GELC	
C5	13	13	06/23/05	5.3	369	32.2	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	02/11/09		F	CS	METALS	Zinc	Zn	32.2	1.00	LANL Int BG LVL	2	8.1	2	ug/L	1		J	I4a	SW-846:6010B	GELC	analyte in method blank at < 1/5 this concentration
C5	14	16	06/09/05	68.7	132	99.6	16	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689	02/09/09		F	CS	GENINORG	Perchlorate	ClO4	68.7	0.69	LANL Int BG LVL	0.05	687.0	10	ug/L	200		J	PE16a	SW-846:6850	GELC	
C5	14	17	06/09/05	1.1	4.6	2.6	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689	02/09/09		F	CS	METALS	Chromium	Cr	3.1	1.19	LANL Int BG LVL	1	1.6	1.5	ug/L	1				SW-846:6020	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	14	16	06/09/05	2.2	145	9.3	12	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689	02/09/09		F	CS	METALS	Zinc	Zn	5.2	0.56	LANL Int BG LVL	2	1.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	14	20	06/15/05	0.212	0.635	0.305	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	GENINORG	Bromide	Br(-1)	0.635	2.08	LANL Int BG LVL	0.03	10.6	0.067	mg/L	1				EPA:300.0	GELC	
C5	14	20	06/15/05	42.8	66.1	48.3	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	GENINORG	Calcium	Ca	66.1	1.37	LANL Int BG LVL	17.31	1.9	0.03	mg/L	1				SW-846:6010B	GELC	
C5	14	20	06/15/05	21.2	41.7	22.9	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	GENINORG	Chloride	Cl(-1)	41.7	1.82	LANL Int BG LVL	7.78	2.7	0.33	mg/L	5				EPA:300.0	GELC	
C5	14	20	06/15/05	90.9	246	176.5	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	GENINORG	Perchlorate	ClO4	90.9	0.52	LANL Int BG LVL	0.05	909.0	10	ug/L	200		J	PE16a	SW-846:6850	GELC	
C5	14	20	06/15/05	0.47	0.635	0.537	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	GENINORG	Fluoride	F(-1)	0.56	1.04	LANL Int BG LVL	0.23	1.2	0.033	mg/L	1				EPA:300.0	GELC	
C5	14	21	06/15/05	14.2	20.4	18.2	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	15.1	0.83	LANL Int BG LVL	2.41	3.1	0.25	mg/L	25				EPA:353.2	GELC	
C5	14	28	06/15/05	298	395	354	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	GENINORG	Total Dissolved Solids	TDS	391	1.10	LANL Int BG LVL	127	1.5	2.4	mg/L	1				EPA:160.1	GELC	
C5	14	20	06/15/05	25.4	38.6	31.8	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	METALS	Boron	B	31.3	0.98	LANL Int BG LVL	15.12	1.0	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	14	21	06/15/05	29.4	58.2	40.9	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	METALS	Chromium	Cr	40.9	1.00	LANL Int BG LVL	1	20.5	1.5	ug/L	1				SW-846:6020	GELC	
C5	14	20	06/15/05	2.9	8.9	5.3	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	METALS	Nickel	Ni	5.7	1.08	LANL Int BG LVL	1	2.9	0.5	ug/L	1				SW-846:6020	GELC	
C5	14	20	06/15/05	26	288	81	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	02/10/09		F	CS	METALS	Zinc	Zn	33.6	0.41	LANL Int BG LVL	2	8.4	2	ug/L	1		J	I4a	SW-846:6010B	GELC	analyte in method blank at < 1/5 this concentration
C5	14	17	05/25/05	5.34	7.06	6.49	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	02/17/09		F	CS	GENINORG	Perchlorate	ClO4	7.06	1.09	LANL Reg BG LVL	0.46	7.7	0.5	ug/L	10		J	PE16a	SW-846:6850	GELC	highest LC/MS/MS result
C5	18	21	02/24/00	1.89	3.31	2.3	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	02/17/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.01	0.87	LANL Reg BG LVL	0.89	1.1	0.1	mg/L	10				EPA:353.2	GELC	
C5	17	20	05/20/05	21.1	31.7	27.7	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/10/09		F	CS	GENINORG	Chloride	Cl(-1)	31.7	1.14	LANL Reg BG LVL	3.57	4.4	0.13	mg/L	2				EPA:300.0	GELC	
C5	15	17	09/01/05	0.888	1.13	0.962	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/10/09		F	CS	GENINORG	Perchlorate	ClO4	0.921	0.96	LANL Reg BG LVL	0.46	1.0	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	17	20	05/20/05	8.68	11.3	10.1	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/10/09		F	CS	GENINORG	Magnesium	Mg	11.3	1.12	LANL Reg BG LVL	4.15	1.4	0.085	mg/L	1				SW-846:6010B	GELC	
C5	15	17	05/20/05	3.1	5.39	4.3	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/10/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4.3	1.00	LANL Reg BG LVL	0.89	2.4	0.1	mg/L	10				EPA:353.2	GELC	
C5	17	20	05/20/05	38.1	46.3	42.5	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/10/09		F	CS	GENINORG	Sulfate	SO4(-2)	46.3	1.09	LANL Reg BG LVL	7.2	3.2	0.2	mg/L	2				EPA:300.0	GELC	
C5	18	22	05/20/05	310	468	401	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/10/09		F	CS	METALS	Chromium	Cr	380	0.95	LANL Reg BG LVL	5.75	33.0	1.5	ug/L	1				SW-846:6020	GELC	
C5	17	20	05/20/05	6.1	18.2	10.1	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/10/09		F	CS	METALS	Nickel	Ni	18.2	1.80	LANL Reg BG LVL	3.09	2.9	0.5	ug/L	1				SW-846:6020	GELC	
C5	12	15	03/16/04	0.471	1.06	0.813	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16	1018.4	02/03/09		UF	CS	GENINORG	Total Organic Carbon	TOC	0.681	0.84	LANL Reg BG LVL	0.33	1.0	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C5	8	10	03/19/04	0.314	0.946	0.792	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16	1238	02/03/09		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.314	0.40	LANL Reg BG LVL	0.05	3.1	0.03	mg/L	1		J-	I6a	EPA:350.1	GELC	poor matrix spike recovery
C5	6	7	03/13/01	5000	14900	9460	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Iron	Fe	8670	0.92	LANL Reg BG LVL	21	206.4	25	ug/L	1				SW-846:6010B	GELC	turbidity = 55 NTU, not sampled since 2005

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	7	03/13/01	5000	14900	9460	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Iron	Fe	14800	1.56	LANL Reg BG LVL	21	352.4	25	ug/L	1				SW-846:6010B	GELC	turbidity = 55 NTU, not sampled since 2005
C5	6	7	03/13/01	2580	4410	3160	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Manganese	Mn	2580	0.82	LANL Reg BG LVL	2.94	438.8	2	ug/L	1				SW-846:6010B	GELC	turbidity = 55 NTU, not sampled since 2005
C5	6	7	03/13/01	2580	4410	3160	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Manganese	Mn	4000	1.27	LANL Reg BG LVL	2.94	680.3	2	ug/L	1				SW-846:6010B	GELC	turbidity = 55 NTU, not sampled since 2005
C6	5	5	04/26/07	0.847	0.922	0.895	5	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	01/13/09		F	CS	GENINORG	Fluoride	F(-1)	0.922	1.03	NM GW STD	1.6	1.2	0.033	mg/L	1				EPA:300.0	GELC	
C6	14	17	05/25/05	5.34	7.06	6.49	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	02/17/09		F	CS	GENINORG	Perchlorate	ClO4	7.06	1.09	NMED GW CONS	4	3.5	0.5	ug/L	10		J	PE16a	SW-846:6850	GELC	highest LC/MS/MS result
CA	6	6	05/11/05	0.594	4.39	1.28	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	01/13/09		F	CS	GENINORG	Perchlorate	ClO4	4.39	3.43	NMED GW CONS	4	1.1	0.5	ug/L	10				SW-846:6850	GELC	highest LC/MS/MS result
CA	1	2	02/06/09	6.14	7.33	6.74	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	6.14	0.91	EPA PRIM DW STD	6	1.0	2.3	ug/L	1	J	J	SV7a	SW-846:8270C	GELC	
CA	1	2	02/06/09	6.14	7.33	6.74	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	7.33	1.09	EPA PRIM DW STD	6	1.2	2.1	ug/L	1	J	J	SV7a	SW-846:8270C	GELC	
CA	1	2	02/06/09	6.34	23.8	15.07	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09		UF	CS	VOA	Benzene	71-43-2	6.34	0.42	EPA PRIM DW STD	5	1.3	0.3	ug/L	1				SW-846:8260B	GELC	
CA	1	2	02/06/09	6.34	23.8	15.07	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	02/06/09	FD	UF	CS	VOA	Benzene	71-43-2	23.8	1.58	EPA PRIM DW STD	5	4.8	0.3	ug/L	1				SW-846:8260B	GELC	
CA	6	7	03/13/01	5000	14900	9460	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Iron	Fe	8670	0.92	NM GW STD	1000	8.7	25	ug/L	1				SW-846:6010B	GELC	turbidity = 55 NTU, not sampled since 2005
CA	6	7	03/13/01	5000	14900	9460	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Iron	Fe	14800	1.56	NM GW STD	1000	14.8	25	ug/L	1				SW-846:6010B	GELC	turbidity = 55 NTU, not sampled since 2005
CA	6	7	03/13/01	2580	4410	3160	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Manganese	Mn	4000	1.27	NM GW STD	200	20.0	2	ug/L	1				SW-846:6010B	GELC	turbidity = 55 NTU, not sampled since 2005
CA	6	7	03/13/01	2580	4410	3160	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	02/24/09		F	CS	METALS	Manganese	Mn	2580	0.82	NM GW STD	200	12.9	2	ug/L	1				SW-846:6010B	GELC	turbidity = 55 NTU, not sampled since 2005