



Environmental Programs
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Date: September 18, 2009
Refer To: EP2009-0469

James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Review of August 2009 Groundwater Data

Dear Mr. Bearzi:

The Los Alamos National Laboratory (LANL) Water Stewardship Project (LWSP) met on September 14, 2009, to review new groundwater data received in August 2009. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water quality standards.

The LWSP program manager notified the New Mexico Environment Department (NMED) Hazardous Waste Bureau about these findings by telephone on September 14, 2009, and followed up with an email on the same day.

The 15 instances of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) are tabulated in the attached report. Samples collected at seven of these locations before June 14, 2007, also contained the same contaminants at concentrations above a standard. The other eight instances are:

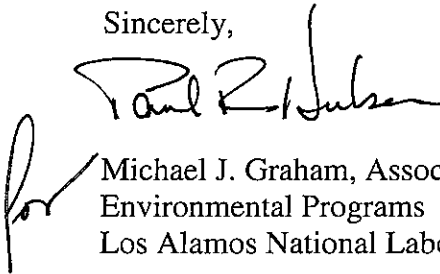
- Manganese was found in a filtered sample collected from Pueblo Canyon intermediate monitoring well Test Well 2A at 828 $\mu\text{g/L}$; the New Mexico groundwater standard is 200 $\mu\text{g/L}$.
- Indeno(1,2,3-cd)pyrene, benzo(b)fluoranthene, and benzo(a)pyrene were detected in an unfiltered sample collected from Los Alamos Canyon intermediate monitoring well R-6i at concentrations of 0.837 $\mu\text{g/L}$, 3.68 $\mu\text{g/L}$, and 2.12 $\mu\text{g/L}$, respectively. The U. S. Environmental Protection Agency (EPA) human health tap water screening level for indeno(1,2,3-cd)pyrene and benzo(b)fluoranthene is 0.29 $\mu\text{g/L}$; the Maximum Contaminant Level (MCL) for benzo(a)pyrene is 0.2 $\mu\text{g/L}$.
- Bis(2-ethylhexyl)phthalate was detected in duplicate unfiltered samples collected from Los Alamos Canyon intermediate monitoring well TA-53i at 15.6 $\mu\text{g/L}$ and 16.3 $\mu\text{g/L}$; the MCL is 6 $\mu\text{g/L}$.

- Manganese was found in a filtered sample collected from Pajarito Canyon regional aquifer monitoring well R-40 at 209 $\mu\text{g/L}$; the New Mexico groundwater standard is 200 $\mu\text{g/L}$.
- RDX was found in an unfiltered sample collected from Water Canyon intermediate monitoring well R-25b at 10.2 $\mu\text{g/L}$; the EPA human health tap water screening level is 6.1 $\mu\text{g/L}$.

This letter is our written submission that indicates in the accompanying report and tables the chemical constituents that meet the seven screening criteria laid out in the Compliance Order on Consent, modified on May 13, 2008.

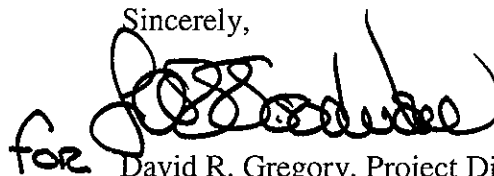
If you have questions, please contact Ardyth Simmons at (505) 665-3935 (asimmons@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

Sincerely,



for Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,



for David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

MG/DG/PH/AS/DR:sm

Enclosure: Two hard copies with electronic files – Summary of New Los Alamos National Laboratory Groundwater Data Loaded in August 2009 (LA-UR-09-5773)

- Cy: (w/enc.)
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992
- Cy: (Letter and CD only)
Ardyth Simmons, EP-LWSP, MS M992
Kristine Smeltz, EP-WES, MS M992
- Cy: (w/o enc.)
Laurie King, EPA Region 6, Dallas, TX
Neil Weber, San Ildefonso Pueblo
Tom Skibitski, NMED-OB, Santa Fe, NM
Steve Yanicak, NMED-DOE-OB, MS M894
Keyana DeAgüero, DOE-LASO (date-stamped letter emailed)
Michael J. Graham, ADEP, MS M991
Paul R. Huber, EP-LWSP, MS M992
David Rogers, EP-LWSP, MS M992
Mei Ding, EES-6, MS J514
Florie Caporuscio, EES-6, MS J514
Alison M. Dorries, EP-WES, MS M996
IRM-RMMSO, MS A150 (date-stamped letter emailed)

SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN AUGUST 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 8-09 Groundwater Report*. This table contains some values that 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 have decreased 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 or screening levels, 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 Regional Screening Levels for tap water (for compounds having no other regulatory standard). In the table, the EPA Regional Screening Levels for tap water 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.

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 (now the EPA Regional Screening Levels 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, divided by the basis for comparison in the criterion. For example, for a criterion (such as C3) that compares the value to 1/2 the standard, a value equal to a standard has an exceedance ratio of 2.

- C1, C2, and CA refer to a screening value so the exceedance ratio compares the result directly to the screening value.
- C3, C4, and C6 refer to 1/2 of a screening value so the exceedance ratio compares the result to 1/2 the screening value.
- C5 refers to 2 times a screening value so the exceedance ratio compares the result to 2 times the screening value.

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 8-09 Groundwater Report

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	AnyI Suite Code	Analyte Desc	Analyte	Symbol	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	AnyI Meth Code	Lab Code	Load Date	Uri	Comment	
C1	4	4	08/10/06	0.63	0.63	0.63	1	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-2	6.06	07/10/09		UF	CS	VOA	Chloromethane	74-87-3		0.63	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/14/09	23513981		
C1	10	15	04/27/05	0.345	0.345	0.345	1	Pueblo Canyon (includes Acid Canyon)	Regional	R-4	792.9	07/16/09		UF	CS	VOA	Chloromethane	74-87-3		0.345	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/18/09	23629481		
C1	4	4	07/31/06	0.327	0.327	0.327	1	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.3	5.9	07/13/09		UF	CS	VOA	Chloromethane	74-87-3		0.327	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/17/09	23531891		
C1	4	4	08/03/06	0.56	0.56	0.56	1	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	07/13/09		UF	CS	VOA	Chloromethane	74-87-3		0.56	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/17/09	23544101		
C1	11	11	06/26/00	0.433	0.433	0.433	1	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	07/15/09		UF	CS	VOA	Chloromethane	74-87-3		0.433	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/18/09	23628401		
C1	7	8	06/03/04	0.39	0.39	0.39	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	07/07/09		UF	CS	VOA	Chloromethane	74-87-3		0.39	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23404841		
C1	11	14	08/24/05	0.837	0.837	0.837	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Indeno(1,2,3-cd)pyrene	193-39-5		0.837	1.00	EPA TAP SCRNLVL C-5	0.29	2.9	0.22	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/18/09	23626551		
C1	11	14	08/24/05	3.68	3.68	3.68	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Benzo(b)fluoranthene	205-99-2		3.68	1.00	EPA TAP SCRNLVL C-5	0.29	12.7	0.22	ug/L	1				SW-846:8270C	GELC	08/18/09	23580311		
C1	11	14	08/24/05	2.12	2.12	2.12	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Benzo(a)pyrene	50-32-8		2.12	1.00	EPA MCL	0.2	10.6	0.22	ug/L	1				SW-846:8270C	GELC	08/18/09	23620961		
C1	1	1	07/20/09	186	186	186	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	07/20/09		UF	CS	DRO	Total Petroleum Hydrocarbons Diesel Range Organics	TPH-DRO		186	1.00				73	ug/L	1	J	J	J_LAB	SW-846:8015M_EXTRACTABLE	GELC	08/07/09	23332221		
C1	1	2	05/21/09	15.6	16.3	16	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	05/21/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		16.3	1.02	EPA MCL	6	2.7	2.3	ug/L	1				SW-846:8270C	GELC	07/22/09	23122281	present in several new wells	
C1	1	2	05/21/09	15.6	16.3	16	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	05/21/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		15.6	0.98	EPA MCL	6	2.6	2.1	ug/L	1				SW-846:8270C	GELC	07/22/09	23125401	present in several new wells	
C1	1	2	05/21/09	62.8	224	143.4	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	05/21/09	FD	UF	CS	VOA	Acetone	67-64-1		62.8	0.44	EPA TAP SCRNLVL N	22000	0.0	3.5	ug/L	1		J	V7c	SW-846:8260B	GELC	07/22/09	23123071		
C1	1	2	05/21/09	62.8	224	143.4	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	05/21/09		UF	CS	VOA	Acetone	67-64-1		224	1.56	EPA TAP SCRNLVL N	22000	0.0	3.5	ug/L	1		J	V7c	SW-846:8260B	GELC	07/22/09	23121631		
C1	9	10	11/15/05	0.47	0.47	0.47	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	07/08/09		UF	CS	VOA	Chloromethane	74-87-3		0.47	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/14/09	23520541		
C1	9	9	07/26/06	0.34	0.34	0.34	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	07/08/09		UF	CS	VOA	Chloromethane	74-87-3		0.34	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/14/09	23496141		
C1	5	5	08/09/06	0.32	0.32	0.32	1	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	07/08/09		UF	CS	VOA	Chloromethane	74-87-3		0.32	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/14/09	23517071		
C1	13	13	07/25/00	0.34	0.34	0.34	1	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09		UF	CS	VOA	Chloromethane	74-87-3		0.34	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/14/09	23480741		
C1	2	3	11/05/08	4.67	4.82	4.75	2	Sandia Canyon	Regional	R-43	903.9	06/19/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		4.67	0.98	EPA MCL	6	0.8	2.4	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/11/09	23415461	present in several new wells	
C1	2	3	11/05/08	4.67	4.82	4.75	2	Sandia Canyon	Regional	R-43	903.9	06/19/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		4.82	1.01	EPA MCL	6	0.8	2.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/11/09	23398441	present in several new wells	
C1	2	3	11/05/08	113	114	114	2	Sandia Canyon	Regional	R-43	903.9	06/19/09	FD	UF	CS	VOA	Acetone	67-64-1		113	0.99	EPA TAP SCRNLVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	08/11/09	23416451		
C1	2	3	11/05/08	113	114	114	2	Sandia Canyon	Regional	R-43	903.9	06/19/09		UF	CS	VOA	Acetone	67-64-1		114	1.00	EPA TAP SCRNLVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	08/11/09	23366701		
C1	7	11	08/29/07	2.91	2.91	2.91	1	Sandia Canyon	Regional	R-35b	825.4	04/27/09		UF	CS	VOA	Carbon Disulfide	75-15-0		2.91	1.00	EPA TAP SCRNLVL N	1000	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	06/08/09	22926781		
C1	3	4	03/11/09	0.000000932	0.000000932	0.000000932	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	06/17/09		UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4		0.000000932	1.00					0.000000932	ug/L	1				SW-846:8290	ALTC	08/11/09	23399671	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C1	12	16	06/04/01	0.3	0.414	0.378	3	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	06/24/09	FD	UF	CS	VOA	Toluene	108-88-3		0.378	1.00	NM GW STD	750	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/07/09	23324071	
C1	12	16	06/04/01	0.3	0.414	0.378	3	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	06/24/09		UF	CS	VOA	Toluene	108-88-3		0.414	1.10	NM GW STD	750	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/07/09	23315911	
C1	12	16	06/04/01	0.336	0.484	0.41	2	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	06/24/09		UF	CS	VOA	Chloromethane	74-87-3		0.484	1.18	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/07/09	23319561	
C1	12	16	06/04/01	0.336	0.484	0.41	2	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	06/24/09	FD	UF	CS	VOA	Chloromethane	74-87-3		0.336	0.82	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/07/09	23308211	
C1	2	2	02/28/09	0.167	0.167	0.167	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	07/16/09		UF	CS	HEXP	Dinitrobenzene[1,3-]	99-65-0		0.167	1.00	EPA TAP SCR N LVL N	3.7	0.1	0.12	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	08/04/09	23264441	
C1	2	3	02/28/09	18.1	42.5	30.3	2	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	07/16/09	FD	UF	CS	VOA	Acetone	67-64-1		42.5	1.40	EPA TAP SCR N LVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	08/04/09	23260861	
C1	2	3	02/28/09	18.1	42.5	30.3	2	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	07/16/09		UF	CS	VOA	Acetone	67-64-1		18.1	0.60	EPA TAP SCR N LVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	08/04/09	23270041	
C1	2	3	02/17/09	24.6	26.7	25.7	2	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44	895	07/14/09	FD	UF	CS	VOA	Acetone	67-64-1		26.7	1.04	EPA TAP SCR N LVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	08/04/09	23274551	
C1	2	3	02/17/09	24.6	26.7	25.7	2	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44	895	07/14/09		UF	CS	VOA	Acetone	67-64-1		24.6	0.96	EPA TAP SCR N LVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	08/04/09	23252421	
C1	1	1	07/13/09	2.33	2.33	2.33	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		2.33	1.00	EPA MCL	6	0.4	2.1	ug/L	1	J	J	SV7c	SW-846:8270C	GELC	07/31/09	23215841	present in several new wells
C1	1	1	07/13/09	1.33	1.33	1.33	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09		UF	CS	VOA	Toluene	108-88-3		1.33	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	07/31/09	23221281	
C1	1	1	06/22/09	0.42	0.42	0.42	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	1025.96	06/22/09		UF	CS	VOA	Toluene	108-88-3		0.42	1.00	NM GW STD	750	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	07/31/09	23220641	
C1	1	1	06/22/09	0.338	0.338	0.338	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	1025.96	06/22/09		UF	CS	VOA	Chloromethane	74-87-3		0.338	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	07/31/09	23211811	
C1	1	1	06/09/09	0.00671	0.00671	0.00671	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	TMO-1	3.5	06/09/09		UF	CS	PEST/PCB	Endosulfan Sulfate	1031-07-8		0.00671	1.00				0.0056	ug/L	1	JP	J	J_LAB	SW-846:8081A	GELC	08/12/09	23418601	
C1	2	3	09/12/08	0.409	0.409	0.409	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	TMO-1	3.5	06/09/09		UF	CS	VOA	Chloromethane	74-87-3		0.409	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/12/09	23399791	
C1	4	7	06/09/08	0.441	0.441	0.441	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		UF	CS	VOA	Chloromethane	74-87-3		0.441	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/12/09	23398691	
C1	5	8	06/23/08	0.474	0.474	0.474	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	3MAO-2	14.7	06/04/09		UF	CS	VOA	Chloromethane	74-87-3		0.474	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23386711	
C1	5	6	06/25/08	0.4	0.4	0.4	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09		UF	CS	VOA	Chloromethane	74-87-3		0.4	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23391521	
C1	1	1	06/11/09	0.00000108	0.00000108	0.00000108	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4		0.00000108	1.00				0.00000108	ug/L	1				SW-846:8290	ALTC	07/29/09	23184541	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flg QC Type Code	Flg Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C1	1	2	06/11/09	0.297	0.297	0.297	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09	FD	UF	CS	VOA	Toluene	108-88-3		0.297	1.00	NM GW STD	750	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	07/29/09	23199051	
C1	1	2	06/11/09	5.61	5.61	5.61	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09	FD	UF	CS	VOA	Acetone	67-64-1		5.61	1.00	EPA TAP SCR N LVL N	22000	0.0	3.5	ug/L	1	J	J	V7c	SW-846:8260B	GELC	07/29/09	23202671	
C1	1	2	06/11/09	0.39	0.39	0.39	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		UF	CS	VOA	Chloromethane	74-87-3		0.39	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	07/29/09	23186631	
C1	9	10	09/22/00	0.317	0.317	0.317	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19	909.3	06/03/09	FD	UF	CS	VOA	Chloromethane	74-87-3		0.317	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23403481	
C1	2	5	01/28/09	4.85	4.85	4.85	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	06/10/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		4.85	1.00	EPA MCL	6	0.8	2.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/13/09	23435761	present in several new wells
C1	2	3	01/28/09	0.352	0.352	0.352	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	06/10/09		UF	CS	VOA	Chloromethane	74-87-3		0.352	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/13/09	23432991	
C1	4	5	09/06/07	1.15	1.15	1.15	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	06/09/09		UF	CS	SVOA	Dioxane[1,4-]	123-91-1		1.15	1.00	EPA TAP SCR N LVL C-5	61	0.0	1.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/12/09	23404091	
C1	7	11	09/06/07	0.346	0.715	0.531	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	06/09/09		UF	CS	VOA	Chloromethane	74-87-3		0.715	1.35	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/12/09	23377751	
C1	7	11	09/06/07	0.346	0.715	0.531	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	06/09/09	FD	UF	CS	VOA	Chloromethane	74-87-3		0.346	0.65	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/12/09	23385401	
C1	11	13	10/03/06	0.307	0.353	0.33	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	06/04/09	FD	UF	CS	VOA	Chloromethane	74-87-3		0.353	1.07	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23368571	
C1	11	13	10/03/06	0.307	0.353	0.33	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	06/04/09		UF	CS	VOA	Chloromethane	74-87-3		0.307	0.93	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23378611	
C1	11	13	10/03/06	0.285	0.297	0.291	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	06/04/09		UF	CS	VOA	Trichloroethene	79-01-6		0.285	0.98	EPA MCL	5	0.1	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23391381	
C1	11	13	10/03/06	0.285	0.297	0.291	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	06/04/09	FD	UF	CS	VOA	Trichloroethene	79-01-6		0.297	1.02	EPA MCL	5	0.1	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23368901	
C1	12	14	10/17/06	0.331	0.331	0.331	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17	1124	05/27/09		UF	CS	VOA	Chloromethane	74-87-3		0.331	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	07/24/09	23171001	
C1	12	17	08/28/06	0.342	0.342	0.342	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09		UF	CS	VOA	Chloromethane	74-87-3		0.342	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/03/09	23230191	
C1	2	2	03/09/09	0.0135	0.0135	0.0135	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	05/29/09		UF	CS	PEST/PCB	Heptachlor	76-44-8		0.0135	1.00	EPA MCL	0.4	0.0	0.0068	ug/L	1	J	J+	P3b	SW-846:8081A	GELC	08/04/09	23274111	
C1	5	6	06/23/08	0.252	0.252	0.252	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	05/29/09	FD	UF	CS	VOA	Isopropylbenzene	98-82-8		0.252	1.00	EPA TAP SCR N LVL N	680	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/04/09	23275201	
C1	1	1	06/23/09	0.298	0.298	0.298	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		UF	CS	VOA	Toluene	108-88-3		0.298	1.00	NM GW STD	750	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	07/31/09	23221911	
C1	1	1	06/23/09	0.463	0.463	0.463	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		UF	CS	VOA	Chloromethane	74-87-3		0.463	1.00	EPA TAP SCR N LVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	07/31/09	23220171	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyt Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment	
C1	10	12	03/13/01	1.78	1.78	1.78	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	06/27/09		UF	CS	VOA	Toluene	108-88-3		1.78	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	08/06/09	23283101		
C1	11	14	03/13/01	0.304	0.461	0.383	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	07/02/09	FD	UF	CS	VOA	Chloromethane	74-87-3		0.461	1.20	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/06/09	23284021		
C1	9	11	03/13/01	0.304	0.304	0.304	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	907.1	06/24/09		UF	CS	VOA	Chloromethane	74-87-3		0.304	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/06/09	23292481		
C1	18	28	10/17/02	0.364	0.364	0.364	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	06/04/09		UF	CS	VOA	Chloromethane	74-87-3		0.364	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/11/09	23419551		
C1	2	2	04/15/09	5.14	5.14	5.14	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 PZ-2	150	06/11/09		UF	CS	VOA	Acetone	67-64-1		5.14	1.00	EPA TAP SCRNLVL N	22000	0.0	3.5	ug/L	1	J	J	V7c	SW-846:8260B	GELC	08/07/09	23325511		
C1	2	3	01/05/09	0.000013	0.000013	0.000013	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9		0.000013	1.00					0.000013	ug/L	1	J	J	DF7c	SW-846:8290	ALTC	08/07/09	23326911	
C1	2	3	01/05/09	0.153	0.153	0.153	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0		0.153	1.00	EPA TAP SCRNLVL N	73	0.0	0.13	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	08/10/09	23340531		
C1	2	3	01/05/09	0.11	0.11	0.11	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		UF	CS	HEXP	MNX	MNX		0.11	1.00					0.091	ug/L	1	J	J	J_LAB	SW-846:8330	STSL	08/10/09	23342001	
C1	2	4	01/05/09	10.1	12.2	11.2	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		UF	CS	VOA	Toluene	108-88-3		10.1	0.90	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	08/10/09	23343131		
C1	2	4	01/05/09	10.1	12.2	11.2	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09	FD	UF	CS	VOA	Toluene	108-88-3		12.2	1.09	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	08/10/09	2336771		
C1	2	4	01/05/09	0.499	0.499	0.499	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09	FD	UF	CS	VOA	Tetrachloroethene	127-18-4		0.499	1.00	EPA MCL	5	0.1	0.45	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/10/09	23357651		
C1	2	4	01/05/09	0.559	0.559	0.559	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09	FD	UF	CS	VOA	Chloromethane	74-87-3		0.559	1.00	EPA TAP SCRNLVL N	190	0.0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	08/10/09	23341781		
C2	12	13	06/17/00	0.072	0.296	0.178	12	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	07/07/09		F	CS	GENINORG	Fluoride	F(-1)		0.296	1.66	LANL Avl BG LVL	0.27	1.1	0.033	mg/L	1				EPA:300.0	GELC	08/14/09	23491731		
C2	6	6	08/10/06	0.04	0.065	0.053	2	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	07/07/09		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N		0.065	1.23	LANL Avl BG LVL	0.04	1.6	0.016	mg/L	1		J-	I6a	EPA:350.1	GELC	08/14/09	23505571		
C2	13	15	06/17/00	0.01	0.645	0.17	3	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	07/07/09		F	CS	METALS	Lead	Pb		0.645	3.79	LANL Avl BG LVL	0.5	1.3	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/14/09	23473001		
C2	5	5	08/10/06	23.4	135	53.9	5	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-2	6.06	07/10/09		F	CS	GENINORG	Chloride	Cl(-1)		72.4	1.34	LANL Avl BG LVL	69.76	1.0	0.66	mg/L	10				EPA:300.0	GELC	08/14/09	23526071	apparent road salt runoff	
C2	4	4	08/10/06	3.23	4.6	3.92	2	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-2	6.06	07/10/09		F	CS	METALS	Copper	Cu		3.23	0.82	LANL Avl BG LVL	3	1.1	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/14/09	23520681		
C2	1	1	07/21/09	0.153	0.153	0.153	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		F	CS	GENINORG	Bromide	Br(-1)		0.153	1.00	LANL Int BG LVL	0.03	5.1	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	08/10/09	23354261		
C2	1	1	07/21/09	27.1	27.1	27.1	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		F	CS	GENINORG	Calcium	Ca		27.1	1.00	LANL Int BG LVL	17.31	1.6	0.05	mg/L	1				SW-846:6010B	GELC	08/10/09	23361041		

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flg QC Type Code	Flg Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flg Code	Concat Reason Code	Anyl Meth Code	Lab Code	Load Date	Uri	Comment
C2	1	1	07/21/09	52.2	52.2	52.2	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	GENINORG	Chloride	Cl(-1)		52.2	1.00	LANL Int BG LVL	7.78	6.7	0.33	mg/L	5				EPA:300.0	GELC	08/10/09	23360941	many similar results since 1970s	
C2	2	2	05/16/05	0.529	0.529	0.529	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	GENINORG	Perchlorate	CIO4		0.529	1.00	LANL Int BG LVL	0.05	10.6	0.05	ug/L	1				SW-846:6850	GELC	08/10/09	23347981		
C2	1	1	07/21/09	0.287	0.287	0.287	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	GENINORG	Fluoride	F(-1)		0.287	1.00	LANL Int BG LVL	0.23	1.3	0.033	mg/L	1		J-	I6a	EPA:300.0	GELC	08/10/09	23351551	many similar results since 1970s	
C2	1	1	07/21/09	16	16	16	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	GENINORG	Sodium	Na		16	1.00	LANL Int BG LVL	12.19	1.3	0.1	mg/L	1				SW-846:6010B	GELC	08/10/09	23357801		
C2	1	1	07/21/09	242	242	242	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	GENINORG	Total Dissolved Solids	TDS		242	1.00	LANL Int BG LVL	127	1.9	2.4	mg/L	1				EPA:160.1	GELC	08/10/09	23359641		
C2	1	1	07/21/09	81.6	81.6	81.6	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	METALS	Boron	B		81.6	1.00	LANL Int BG LVL	15.12	5.4	15	ug/L	1				SW-846:6010B	GELC	08/10/09	23346521	many similar results since 1990s	
C2	1	1	07/21/09	6090	6090	6090	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	METALS	Iron	Fe		6090	1.00	LANL Int BG LVL	839.99	7.3	30	ug/L	1				SW-846:6010B	GELC	08/10/09	23362861	high F and UF results since 1950s	
C2	1	1	07/21/09	828	828	828	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	METALS	Manganese	Mn		828	1.00	LANL Int BG LVL	2	414.0	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23349791	many similar results since 1990s	
C2	1	1	07/21/09	2.74	2.74	2.74	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	METALS	Nickel	Ni		2.74	1.00	LANL Int BG LVL	1	2.7	0.5	ug/L	1				SW-846:6020	GELC	08/10/09	23344911		
C2	1	1	07/21/09	156	156	156	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	METALS	Strontium	Sr		156	1.00	LANL Int BG LVL	154.76	1.0	1	ug/L	1				SW-846:6010B	GELC	08/10/09	23346831		
C2	1	1	07/21/09	3530	3530	3530	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09	F	CS	METALS	Zinc	Zn		3530	1.00	LANL Int BG LVL	2	1765.0	3.3	ug/L	1				SW-846:6010B	GELC	08/10/09	23343591	high F and UF results since 1980s	
C2	6	6	07/31/06	0.032	0.054	0.043	2	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.3	5.9	07/13/09	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P		0.054	1.26	LANL Avl BG LVL	0.05	1.1	0.015	mg/L	1				EPA:365.4	GELC	08/17/09	23538761		
C2	6	6	08/03/06	54.4	82.7	65.4	6	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	07/13/09	F	CS	GENINORG	Chloride	Cl(-1)		82.7	1.26	LANL Avl BG LVL	69.76	1.2	0.66	mg/L	10				EPA:300.0	GELC	08/17/09	23555191		
C2	4	4	08/03/06	0.87	1.7	1.02	4	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	07/13/09	F	CS	METALS	Nickel	Ni		1.17	1.15	LANL Avl BG LVL	1	1.2	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/17/09	23540111		
C2	5	5	04/12/07	0.536	0.536	0.536	1	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	07/14/09	F	CS	GENINORG	Ammonia as Nitrogen	NH3-N		0.536	1.00	LANL Avl BG LVL	0.04	13.4	0.016	mg/L	1		J-	I6a	EPA:350.1	GELC	08/17/09	23552821		
C2	9	9	03/28/01	0.109	0.109	0.109	1	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	07/14/09	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P		0.109	1.00	LANL Avl BG LVL	0.05	2.2	0.015	mg/L	1				EPA:365.4	GELC	08/17/09	23549051		
C2	8	8	03/28/01	0.74	1.279999971	1.135	4	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	07/14/09	F	CS	METALS	Vanadium	V		1.17	1.03	LANL Avl BG LVL	1	1.2	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/18/09	23604151		
C2	8	8	01/20/00	0.146	0.258	0.171	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	07/07/09	F	CS	GENINORG	Fluoride	F(-1)		0.258	1.51	LANL Int BG LVL	0.23	1.1	0.033	mg/L	1				EPA:300.0	GELC	08/11/09	23410911		
C2	7	7	01/20/00	10.8	16.2	11.8	3	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	07/07/09	F	CS	METALS	Boron	B		16.2	1.37	LANL Int BG LVL	15.12	1.1	15	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/11/09	23407511		
C2	2	2	05/21/09	0.209	0.303	0.256	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	07/20/09	F	CS	GENINORG	Fluoride	F(-1)		0.303	1.18	LANL Int BG LVL	0.23	1.3	0.033	mg/L	1				EPA:300.0	GELC	08/07/09	23334211		
C2	10	10	11/15/05	0.133	0.247	0.149	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	07/08/09	F	CS	GENINORG	Fluoride	F(-1)		0.247	1.66	LANL Int BG LVL	0.23	1.1	0.033	mg/L	1				EPA:300.0	GELC	08/14/09	23501091		
C2	9	9	11/15/05	10.9	17.1	11.7	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	07/08/09	F	CS	METALS	Boron	B		17.1	1.46	LANL Int BG LVL	15.12	1.1	15	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/14/09	23493811		
C2	8	8	07/26/06	9.09	10.6	9.75	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	07/08/09	F	CS	GENINORG	Potassium	K		10.6	1.09	LANL Int BG LVL	10.03	1.1	0.05	mg/L	1				SW-846:6010B	GELC	08/14/09	23497751		
C2	8	8	07/26/06	127	159	136	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	07/08/09	F	CS	METALS	Strontium	Sr		159	1.17	LANL Int BG LVL	154.76	1.0	1	ug/L	1				SW-846:6010B	GELC	08/14/09	23485101		
C2	9	14	05/09/06	2.19	2.19	2.19	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	07/13/09	F	CS	METALS	Cobalt	Co		2.19	1.00	LANL Int BG LVL	0.5	4.4	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/17/09	23546951		

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C2	6	6	09/14/00	4	12.5	5.6	3	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	07/08/09	F	CS	METALS	Zinc	Zn		12.5	2.23	LANL Int BG LVL	2	6.3	3.3	ug/L	1				SW-846:6010B	GELC	08/14/09	23501321		
C2	6	6	09/15/00	15.4	22	18.7	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	07/08/09	F	CS	METALS	Boron	B		15.4	0.82	LANL Int BG LVL	15.12	1.0	15	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/14/09	23500361		
C2	6	6	09/15/00	4.64	4.64	4.64	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	07/08/09	F	CS	METALS	Zinc	Zn		4.64	1.00	LANL Int BG LVL	2	2.3	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/14/09	23481801		
C2	7	7	02/20/04	0.8	6.79	3.7	7	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-8	825	07/09/09	F	CS	METALS	Chromium	Cr		6.79	1.84	LANL Reg BG LVL	5.75	1.2	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/17/09	23539941		
C2	7	7	02/20/04	1.17	6.96	2.9	4	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-8	825	07/09/09	F	CS	METALS	Zinc	Zn		6.96	2.40	LANL Reg BG LVL	3.89	1.8	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/17/09	23558831		
C2	9	11	08/23/05	3.2	6.4	4.1	10	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-6	1205	07/14/09	F	CS	METALS	Chromium	Cr		5.75	1.40	LANL Reg BG LVL	5.75	1.0	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/18/09	23623591		
C2	2	3	11/10/08	0.427	0.756	0.429	3	Sandia Canyon	Regional	R-43	969.1	06/18/09	F	CS	GENINORG	Perchlorate	CIO4		0.756	1.76	LANL Reg BG LVL	0.46	1.6	0.05	ug/L	1				SW-846:6850	GELC	08/07/09	23309681		
C2	2	2	11/10/08	0.695	5.4	3.048	2	Sandia Canyon	Regional	R-43	969.1	06/18/09	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N		5.4	1.77	LANL Reg BG LVL	0.89	6.1	0.1	mg/L	10				EPA:353.2	GELC	08/07/09	23328851	similar to two results in 904 ft port	
C2	2	3	11/10/08	4.42	8.92	4.44	3	Sandia Canyon	Regional	R-43	969.1	06/18/09	F	CS	GENINORG	Sulfate	SO4(-2)		8.92	2.01	LANL Reg BG LVL	7.2	1.2	0.1	mg/L	1				EPA:300.0	GELC	08/07/09	23334641		
C2	3	4	03/11/09	0.79	3.43	1.36	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	06/17/09	F	CS	METALS	Nickel	Ni		3.43	2.52	LANL Reg BG LVL	3.09	1.1	0.5	ug/L	1				SW-846:6020	GELC	08/14/09	23491291		
C2	3	4	03/11/09	2.41	2.41	2.41	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	06/17/09	F	CS	METALS	Antimony	Sb		2.41	1.00	LANL Reg BG LVL	1	2.4	0.5	ug/L	1				SW-846:6020	GELC	08/14/09	23466031		
C2	2	2	02/28/09	0.453	0.486	0.47	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	07/16/09	F	CS	GENINORG	Perchlorate	CIO4		0.486	1.03	LANL Reg BG LVL	0.46	1.1	0.05	ug/L	1				SW-846:6850	GELC	08/04/09	23254231		
C2	2	2	02/28/09	4.11	4.77	4.44	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	07/16/09	F	CS	GENINORG	Magnesium	Mg		4.77	1.07	LANL Reg BG LVL	4.15	1.2	0.085	mg/L	1	E			SW-846:6010B	GELC	08/04/09	23263861		
C2	2	2	02/28/09	2.8	63.2	33	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	07/16/09	F	CS	METALS	Zinc	Zn		63.2	1.92	LANL Reg BG LVL	3.89	16.3	3.3	ug/L	1				SW-846:6010B	GELC	08/04/09	23269531		
C2	2	2	03/05/09	0.528	0.528	0.528	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	974.9	07/16/09	UF	CS	GENINORG	Total Organic Carbon	TOC		0.528	1.00	LANL Reg BG LVL	0.33	1.6	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	08/04/09	23254581		
C2	2	2	03/05/09	390	390	390	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	974.9	07/16/09	F	CS	METALS	Iron	Fe		390	1.00	LANL Reg BG LVL	21	18.6	30	ug/L	1				SW-846:6010B	GELC	08/04/09	23267711		
C2	2	2	03/05/09	2.5	27	14.8	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	974.9	07/16/09	F	CS	METALS	Zinc	Zn		27	1.82	LANL Reg BG LVL	3.89	6.9	3.3	ug/L	1				SW-846:6010B	GELC	08/04/09	23263081		
C2	2	2	02/17/09	16.8	16.8	16.8	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44	895	07/14/09	F	CS	METALS	Manganese	Mn		16.8	1.00	LANL Reg BG LVL	2.94	5.7	2	ug/L	1				SW-846:6010B	GELC	08/04/09	23266221		
C2	2	2	02/17/09	53.3	53.3	53.3	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44	895	07/14/09	F	CS	METALS	Zinc	Zn		53.3	1.00	LANL Reg BG LVL	3.89	13.7	3.3	ug/L	1				SW-846:6010B	GELC	08/04/09	23251871		
C2	2	3	02/22/09	2.7	12	11.4	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44	985.3	07/14/09	F	CS	METALS	Zinc	Zn		12	1.05	LANL Reg BG LVL	3.89	3.1	3.3	ug/L	1				SW-846:6010B	GELC	08/11/09	23381441		
C2	2	3	02/22/09	2.7	12	11.4	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44	985.3	07/14/09	FD	F	CS	METALS	Zinc	Zn		11.4	1.00	LANL Reg BG LVL	3.89	2.9	3.3	ug/L	1				SW-846:6010B	GELC	08/11/09	23378491	
C2	1	1	07/13/09	3.82	3.82	3.82	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	GENINORG	Chloride	Cl(-1)		3.82	1.00	LANL Reg BG LVL	3.57	1.1	0.066	mg/L	1				EPA:300.0	GELC	07/31/09	23223191		

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C2	1	1	07/13/09	0.613	0.613	0.613	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	GENINORG	Perchlorate	ClO4		0.613	1.00	LANL Reg BG LVL	0.46	1.3	0.05	ug/L	1				SW-846:6850	GELC	07/31/09	23220141		
C2	1	1	07/13/09	0.653	0.653	0.653	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	GENINORG	Fluoride	F(-1)		0.653	1.00	LANL Reg BG LVL	0.57	1.2	0.033	mg/L	1				EPA:300.0	GELC	07/31/09	23213051		
C2	1	1	07/13/09	4.89	4.89	4.89	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	GENINORG	Magnesium	Mg		4.89	1.00	LANL Reg BG LVL	4.15	1.2	0.085	mg/L	1	E	J	I18	SW-846:6010B	GELC	07/31/09	23215671		
C2	1	1	07/13/09	8.31	8.31	8.31	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	GENINORG	Sulfate	SO4(-2)		8.31	1.00	LANL Reg BG LVL	7.2	1.2	0.1	mg/L	1				EPA:300.0	GELC	07/31/09	23224781		
C2	1	1	07/13/09	0.601	0.601	0.601	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	UF	CS	GENINORG	Total Organic Carbon	TOC		0.601	1.00	LANL Reg BG LVL	0.33	1.8	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	07/31/09	23211441		
C2	1	1	07/13/09	1.17	1.17	1.17	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	METALS	Cobalt	Co		1.17	1.00	LANL Reg BG LVL	0.5	2.3	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/31/09	23220841		
C2	1	1	07/13/09	7.47	7.47	7.47	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	METALS	Manganese	Mn		7.47	1.00	LANL Reg BG LVL	2.94	2.5	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/31/09	23216711		
C2	1	1	07/13/09	3.45	3.45	3.45	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	METALS	Molybdenum	Mo		3.45	1.00	LANL Reg BG LVL	2	1.7	0.1	ug/L	1				SW-846:6020	GELC	07/31/09	23221311		
C2	1	1	07/13/09	115	115	115	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	929.3	07/13/09	F	CS	METALS	Zinc	Zn		115	1.00	LANL Reg BG LVL	3.89	29.6	3.3	ug/L	1				SW-846:6010B	GELC	07/31/09	23224791		
C2	1	1	06/22/09	4.7	4.7	4.7	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	1025.96	06/22/09	F	CS	METALS	Manganese	Mn		4.7	1.00	LANL Reg BG LVL	2.94	1.6	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/31/09	23218091		
C2	1	1	06/22/09	2.48	2.48	2.48	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	1025.96	06/22/09	F	CS	METALS	Molybdenum	Mo		2.48	1.00	LANL Reg BG LVL	2	1.2	0.1	ug/L	1				SW-846:6020	GELC	07/31/09	23211261		
C2	1	1	06/22/09	12.8	12.8	12.8	1	Mortadad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-37	1025.96	06/22/09	F	CS	METALS	Zinc	Zn		12.8	1.00	LANL Reg BG LVL	3.89	3.3	2	ug/L	1				SW-846:6010B	GELC	07/31/09	23219361		
C2	2	2	09/12/08	25.7	26.4	26.1	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	TMO-1	3.5	06/09/09	F	CS	GENINORG	Calcium	Ca		26.4	1.01	LANL Avl BG LVL	26.36	1.0	0.03	mg/L	1				SW-846:6010B	GELC	08/12/09	23421071		
C2	4	6	06/09/08	0.34	16.5	0.4	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09	F	CS	METALS	Uranium	U		16.5	41.25	LANL Avl BG LVL	1.03	16.0	0.05	ug/L	1				SW-846:6020	GELC	08/12/09	23400801		
C2	4	6	06/09/08	5.36	5.36	5.36	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09	F	CS	METALS	Zinc	Zn		5.36	1.00	LANL Avl BG LVL	2	2.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/12/09	23406681		
C2	1	1	06/01/09	140	140	140	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09	F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3		140	1.00	LANL Avl BG LVL	76	1.8	0.73	mg/L	1				EPA:310.1	GELC	08/06/09	23299401		
C2	1	1	06/01/09	42.5	42.5	42.5	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09	F	CS	GENINORG	Calcium	Ca		42.5	1.00	LANL Avl BG LVL	26.36	1.6	0.03	mg/L	1				SW-846:6010B	GELC	08/06/09	23300801		
C2	1	1	06/01/09	5.26	5.26	5.26	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09	F	CS	GENINORG	Potassium	K		5.26	1.00	LANL Avl BG LVL	5.21	1.0	0.05	mg/L	1				SW-846:6010B	GELC	08/06/09	23299361		
C2	1	1	06/01/09	0.042	0.042	0.042	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09	F	CS	GENINORG	Ammonia as Nitrogen	NH3-N		0.042	1.00	LANL Avl BG LVL	0.04	1.1	0.016	mg/L	1	J	J	J_LAB	EPA:350.1	GELC	08/06/09	23277771		

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C2	1	1	06/01/09	16.5	16.5	16.5	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09		F	CS	GENINORG	Sodium	Na		16.5	1.00	LANL Avl BG LVL	15.54	1.1	0.045	mg/L	1				SW-846:6010B	GELC	08/06/09	23278491	
C2	1	1	06/01/09	232	232	232	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09		F	CS	GENINORG	Total Dissolved Solids	TDS		232	1.00	LANL Avl BG LVL	139	1.7	2.4	mg/L	1				EPA:160.1	GELC	08/06/09	23293451	
C2	1	1	06/01/09	121	121	121	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09		F	CS	METALS	Barium	Ba		121	1.00	LANL Avl BG LVL	68.57	1.8	1	ug/L	1				SW-846:6010B	GELC	08/06/09	23290771	
C2	1	1	06/01/09	5.46	5.46	5.46	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09		F	CS	METALS	Manganese	Mn		5.46	1.00	LANL Avl BG LVL	2	2.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/06/09	23284751	
C2	1	1	06/01/09	1.44	1.44	1.44	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09		F	CS	METALS	Nickel	Ni		1.44	1.00	LANL Avl BG LVL	1	1.4	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/06/09	23288561	
C2	1	1	06/01/09	241	241	241	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09		F	CS	METALS	Strontium	Sr		241	1.00	LANL Avl BG LVL	120	2.0	1	ug/L	1				SW-846:6010B	GELC	08/06/09	23300221	
C2	1	1	06/01/09	13.3	13.3	13.3	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-6	8	06/01/09		F	CS	METALS	Zinc	Zn		13.3	1.00	LANL Avl BG LVL	2	6.7	2	ug/L	1				SW-846:6010B	GELC	08/06/09	23285281	
C2	12	14	08/31/06	0.126	0.126	0.126	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	05/28/09		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N		0.126	1.00	LANL Avl BG LVL	0.04	3.2	0.016	mg/L	1				EPA:350.1	GELC	07/29/09	23199961	
C2	5	5	06/22/08	3.63	5.49	4.31	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	06/02/09		F	CS	GENINORG	Potassium	K		5.49	1.27	LANL Avl BG LVL	5.21	1.1	0.05	mg/L	1				SW-846:6010B	GELC	08/10/09	23339471	
C2	13	13	06/27/06	0.715	0.715	0.715	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/10/09		F	CS	METALS	Antimony	Sb		0.715	1.00	LANL Int BG LVL	0.5	1.4	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/10/09	23348091	
C2	13	20	06/23/06	1.02	1.8	1.41	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09		F	CS	METALS	Beryllium	Be		1.02	0.72	LANL Int BG LVL	1	1.0	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/10/09	23343161	
C2	7	13	12/18/07	10.1	86.2	15.1	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09		F	CS	METALS	Silicon Dioxide	SiO2		86.2	5.71	LANL Int BG LVL	50.72	1.7	0.032	mg/L	1	N	J+	I6b	SW-846:6010B	GELC	08/10/09	23363081	
C2	13	20	06/23/06	0.12	1.2	0.3	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09		F	CS	METALS	Uranium	U		0.724	2.41	LANL Int BG LVL	0.72	1.0	0.05	ug/L	1				SW-846:6020	GELC	08/10/09	23359241	
C2	1	1	06/11/09	52	52	52	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3		52	1.00	LANL Int BG LVL	52	1.0	0.73	mg/L	1				EPA:310.1	GELC	07/29/09	23183181	
C2	1	1	06/11/09	0.192	0.192	0.192	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		F	CS	GENINORG	Perchlorate	ClO4		0.192	1.00	LANL Int BG LVL	0.05	3.8	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	07/29/09	23197881	
C2	1	1	06/11/09	16.9	16.9	16.9	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		F	CS	METALS	Boron	B		16.9	1.00	LANL Int BG LVL	15.12	1.1	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/29/09	23187671	
C2	1	1	06/11/09	11.5	11.5	11.5	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		F	CS	METALS	Manganese	Mn		11.5	1.00	LANL Int BG LVL	2	5.8	2	ug/L	1				SW-846:6010B	GELC	07/29/09	23191911	
C2	1	1	06/11/09	1.8	1.8	1.8	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		F	CS	METALS	Nickel	Ni		1.8	1.00	LANL Int BG LVL	1	1.8	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	07/29/09	23196011	
C2	1	1	06/11/09	67.1	67.1	67.1	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		F	CS	METALS	Silicon Dioxide	SiO2		67.1	1.00	LANL Int BG LVL	50.72	1.3	0.032	mg/L	1				SW-846:6010B	GELC	07/29/09	23187001	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C2	1	1	06/11/09	2.6	2.6	2.6	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	06/11/09		F	CS	METALS	Zinc	Zn		2.6	1.00	LANL Int BG LVL	2	1.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/29/09	23201871	
C2	2	2	01/28/09	154	957	556	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	06/10/09		F	CS	METALS	Iron	Fe		957	1.72	LANL Int BG LVL	839.99	1.1	25	ug/L	1				SW-846:6010B	GELC	08/13/09	23441581	
C2	2	2	02/25/09	44.7	41800	20922.4	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	06/10/09		F	CS	METALS	Silicon Dioxide	SiO2		41800	2.00	LANL Int BG LVL	50.72	824.1	0.032	mg/L	1				SW-846:6010B	GELC	08/13/09	23448541	
C2	6	7	10/11/06	0.55	1.1	0.64	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	06/10/09		F	CS	METALS	Uranium	U		0.772	1.21	LANL Int BG LVL	0.72	1.1	0.05	ug/L	1				SW-846:6020	GELC	08/13/09	23457681	
C2	6	7	10/11/06	3.6	7	4.1	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	06/10/09		F	CS	METALS	Zinc	Zn		4.07	0.99	LANL Int BG LVL	2	2.0	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/13/09	23441061	
C2	10	10	09/26/00	3.1	5.94	5.84	3	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-19	1190.7	05/29/09		F	CS	METALS	Zinc	Zn		5.84	1.00	LANL Reg BG LVL	3.89	1.5	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/06/09	23279071	
C2	5	5	06/23/08	0.047	0.101	0.074	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	05/29/09		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N		0.101	1.36	LANL Reg BG LVL	0.05	2.0	0.016	mg/L	1		J-	I6a	EPA:350.1	GELC	08/04/09	23264001	
C2	1	1	06/23/09	7.89	7.89	7.89	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		F	CS	GENINORG	Sulfate	SO4(-2)		7.89	1.00	LANL Reg BG LVL	7.2	1.1	0.1	mg/L	1				EPA:300.0	GELC	07/31/09	23221301	
C2	1	1	06/23/09	3.54	3.54	3.54	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		UF	CS	GENINORG	Total Organic Carbon	TOC		3.54	1.00	LANL Reg BG LVL	0.33	10.7	0.33	mg/L	1				SW-846:9060	GELC	07/31/09	23218051	
C2	1	1	06/23/09	331	331	331	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		F	CS	METALS	Aluminum	Al		331	1.00	LANL Reg BG LVL	68	4.9	68	ug/L	1	N	J+	I6b	SW-846:6010B	GELC	07/31/09	23219831	
C2	1	1	06/23/09	78.5	78.5	78.5	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		F	CS	METALS	Iron	Fe		78.5	1.00	LANL Reg BG LVL	21	3.7	25	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/31/09	23219631	
C2	1	1	06/23/09	6.03	6.03	6.03	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		F	CS	METALS	Manganese	Mn		6.03	1.00	LANL Reg BG LVL	2.94	2.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/31/09	23215811	
C2	1	1	06/23/09	2.02	2.02	2.02	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		F	CS	METALS	Molybdenum	Mo		2.02	1.00	LANL Reg BG LVL	2	1.0	0.1	ug/L	1				SW-846:6020	GELC	07/31/09	23225071	
C2	1	1	06/23/09	9.47	9.47	9.47	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	845	06/23/09		F	CS	METALS	Zinc	Zn		9.47	1.00	LANL Reg BG LVL	3.89	2.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/31/09	23212541	
C2	1	1	06/18/09	0.063	0.063	0.063	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	905.6	06/18/09		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N		0.063	1.00	LANL Reg BG LVL	0.05	1.3	0.016	mg/L	1		J-	I6a	EPA:350.1	GELC	07/31/09	23211741	
C2	1	1	06/18/09	222	222	222	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	905.6	06/18/09		F	CS	GENINORG	Total Dissolved Solids	TDS		222	1.00	LANL Reg BG LVL	191.68	1.2	2.4	mg/L	1				EPA:160.1	GELC	07/31/09	23225291	
C2	1	1	06/18/09	0.738	0.738	0.738	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	905.6	06/18/09		UF	CS	GENINORG	Total Organic Carbon	TOC		0.738	1.00	LANL Reg BG LVL	0.33	2.2	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	07/30/09	23206971	
C2	1	1	06/18/09	4.09	4.09	4.09	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-49	905.6	06/18/09		F	CS	METALS	Manganese	Mn		4.09	1.00	LANL Reg BG LVL	2.94	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	07/31/09	23214551	
C2	2	2	04/15/09	1.44	1.44	1.44	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 PZ-2	150	06/11/09		F	CS	METALS	Antimony	Sb		1.44	1.00	LANL Int BG LVL	0.5	2.9	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/07/09	23326531	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C2	2	3	01/05/09	0.119	0.119	0.119	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P		0.119	1.00	LANL Int BG LVL	0.08	1.5	0.015	mg/L	1		J	I4a	EPA:365.4	GELC	08/11/09	23393861	
C2	2	3	01/05/09	51.4	51.4	51.4	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		F	CS	METALS	Boron	B		51.4	1.00	LANL Int BG LVL	15.12	3.4	10	ug/L	1				SW-846:6010B	GELC	08/11/09	23395661	
C2	2	3	01/05/09	1.7	1.7	1.7	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		F	CS	METALS	Chromium	Cr		1.7	1.00	LANL Int BG LVL	1	1.7	1.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/11/09	23367871	
C2	2	3	01/05/09	7.47	7.47	7.47	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		F	CS	METALS	Copper	Cu		7.47	1.00	LANL Int BG LVL	5.32	1.4	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/11/09	23391891	
C2	2	3	01/05/09	0.54	0.54	0.54	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		F	CS	METALS	Lead	Pb		0.54	1.00	LANL Int BG LVL	0.5	1.1	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/11/09	23414931	
C2	2	3	01/05/09	1.26	1.26	1.26	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		F	CS	METALS	Antimony	Sb		1.26	1.00	LANL Int BG LVL	0.5	2.5	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/11/09	23393461	
C3	13	14	06/17/00	20.1	898	60	11	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	07/07/09		F	CS	METALS	Iron	Fe		816	13.60	NM GW STD	1000	1.6	30	ug/L	1				SW-846:6010B	GELC	08/14/09	23490491	
C3	2	2	07/30/01	0.266	8.18	4.223	2	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		UF	CS	METALS	Cadmium	Cd		8.18	1.94	EPA MCL	5	3.3	0.11	ug/L	1	N	J+	I6b	SW-846:6020	GELC	08/10/09	23347341	
C3	1	1	07/21/09	6090	6090	6090	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		F	CS	METALS	Iron	Fe		6090	1.00	NM GW STD	1000	12.2	30	ug/L	1				SW-846:6010B	GELC	08/10/09	23362861	high F and UF results since 1950s
C3	1	1	07/21/09	828	828	828	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		F	CS	METALS	Manganese	Mn		828	1.00	NM GW STD	200	8.3	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23349791	many similar results since 1990s
C3	2	2	07/30/01	3.57	321	162.29	2	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		UF	CS	METALS	Lead	Pb		321	1.98	EPA MCL	15	42.8	0.5	ug/L	1	E	J	I18	SW-846:6020	GELC	08/10/09	23354251	many similar results since 1980s
C3	11	14	08/24/05	0.837	0.837	0.837	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Indeno(1,2,3-cd)pyrene	193-39-5		0.837	1.00	EPA TAP SCR N LVL C-5	0.29	5.8	0.22	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/18/09	23626551	
C3	11	14	08/24/05	3.68	3.68	3.68	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Benzo(b)fluoranthene	205-99-2		3.68	1.00	EPA TAP SCR N LVL C-5	0.29	25.4	0.22	ug/L	1				SW-846:8270C	GELC	08/18/09	23580311	
C3	11	14	08/24/05	2.12	2.12	2.12	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Benzo(a)pyrene	50-32-8		2.12	1.00	EPA MCL	0.2	21.2	0.22	ug/L	1				SW-846:8270C	GELC	08/18/09	23620961	
C3	1	2	05/21/09	15.6	16.3	16	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	05/21/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		15.6	0.98	EPA MCL	6	5.2	2.1	ug/L	1				SW-846:8270C	GELC	07/22/09	23125401	present in several new wells
C3	1	2	05/21/09	15.6	16.3	16	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	05/21/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		16.3	1.02	EPA MCL	6	5.4	2.3	ug/L	1				SW-846:8270C	GELC	07/22/09	23122281	present in several new wells
C3	6	6	09/14/00	81.2	1000	700	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	07/08/09		F	CS	METALS	Manganese	Mn		244	0.35	NM GW STD	200	2.4	2	ug/L	1				SW-846:6010B	GELC	08/14/09	23523781	
C3	2	3	11/05/08	4.67	4.82	4.75	2	Sandia Canyon	Regional	R-43	903.9	06/19/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		4.67	0.98	EPA MCL	6	1.6	2.4	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/11/09	23415461	present in several new wells
C3	2	3	11/05/08	4.67	4.82	4.75	2	Sandia Canyon	Regional	R-43	903.9	06/19/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		4.82	1.01	EPA MCL	6	1.6	2.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/11/09	23398441	present in several new wells
C3	2	2	11/10/08	0.695	5.4	3.048	2	Sandia Canyon	Regional	R-43	969.1	06/18/09		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N		5.4	1.77	EPA MCL	10	1.1	0.1	mg/L	10				EPA:353.2	GELC	08/07/09	23328851	similar to two results in 904 ft port
C3	4	6	06/09/08	0.34	16.5	0.4	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	METALS	Uranium	U		16.5	41.25	EPA MCL	30	1.1	0.05	ug/L	1				SW-846:6020	GELC	08/12/09	23400801	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment	
C3	4	6	06/09/08	0.42	16.3	0.46	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		UF	CS	METALS	Uranium	U		16.3	35.43	EPA MCL	30	1.1	0.05	ug/L	1				SW-846:6020	GELC	08/12/09	23419921		
C3	13	20	06/23/06	0.51	20	2.4	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09		F	CS	METALS	Lead	Pb		11.7	4.88	EPA MCL	15	1.6	0.5	ug/L	1				SW-846:6020	GELC	08/10/09	23361371	values variable, one higher prior value	
C3	2	2	01/28/09	154	957	556	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	06/10/09		F	CS	METALS	Iron	Fe		957	1.72	NM GW STD	1000	1.9	25	ug/L	1				SW-846:6010B	GELC	08/13/09	23441581		
C3	2	5	01/28/09	4.85	4.85	4.85	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	06/10/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		4.85	1.00	EPA MCL	6	1.6	2.2	ug/L	1	J	J	J	J_LAB	SW-846:8270C	GELC	08/13/09	23435761	present in several new wells
C3	2	3	01/05/09	90.5	102	96.3	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		F	CS	METALS	Manganese	Mn		102	1.06	NM GW STD	200	1.0	2	ug/L	1				SW-846:6010B	GELC	08/11/09	23408251		
C5	13	14	06/17/00	31	69.6	39.4	14	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	07/07/09		F	CS	GENINORG	Sodium	Na		69.6	1.77	LANL Avl BG LVL	15.54	2.2	0.1	mg/L	1				SW-846:6010B	GELC	08/14/09	23503061		
C5	9	10	10/30/01	0.18	0.388	0.287	10	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	07/07/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P		0.334	1.16	LANL Avl BG LVL	0.05	3.3	0.015	mg/L	1		J	I4a	EPA:365.4	GELC	08/14/09	23482881		
C5	13	14	06/17/00	1.3	4.8	3.3	14	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	07/07/09		F	CS	METALS	Vanadium	V		4.49	1.36	LANL Avl BG LVL	1	2.3	1	ug/L	1	J	J	J	J_LAB	SW-846:6010B	GELC	08/14/09	23530591	
C5	4	4	08/10/06	34.2	74.8	53.8	4	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-2	6.06	07/10/09		F	CS	GENINORG	Sodium	Na		74.8	1.39	LANL Avl BG LVL	15.54	2.4	0.1	mg/L	1				SW-846:6010B	GELC	08/14/09	23512751		
C5	5	5	08/10/06	0.229	0.436	0.355	5	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-2	6.06	07/10/09		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P		0.355	1.00	LANL Avl BG LVL	0.05	3.6	0.015	mg/L	1				EPA:365.4	GELC	08/14/09	23488341		
C5	4	4	08/10/06	4.71	5.9	5	4	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-2	6.06	07/10/09		F	CS	METALS	Vanadium	V		4.71	0.94	LANL Avl BG LVL	1	2.4	1	ug/L	1	J	J	J	J_LAB	SW-846:6010B	GELC	08/14/09	23476741	
C5	10	10	04/26/05	2.3	35.2	13.8	10	Pueblo Canyon (includes Acid Canyon)	Regional	R-2	918	07/10/09		F	CS	METALS	Manganese	Mn		12.6	0.91	LANL Reg BG LVL	2.94	2.1	2	ug/L	1				SW-846:6010B	GELC	08/14/09	23513471		
C5	4	4	07/31/06	44.2	53.5	49	4	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.3	5.9	07/13/09		F	CS	GENINORG	Sodium	Na		53.4	1.09	LANL Avl BG LVL	15.54	1.7	0.1	mg/L	1	E	J	I18	SW-846:6010B	GELC	08/17/09	23534051		
C5	4	4	08/03/06	49.6	64.5	55.2	4	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	07/13/09		F	CS	GENINORG	Sodium	Na		60.7	1.10	LANL Avl BG LVL	15.54	2.0	0.1	mg/L	1	E			SW-846:6010B	GELC	08/17/09	23535791		
C5	7	7	05/02/05	0.142	0.977	0.451	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	07/15/09		F	CS	GENINORG	Perchlorate	ClO4		0.234	0.52	LANL Avl BG LVL	0.05	2.3	0.05	ug/L	1				SW-846:6850	GELC	08/18/09	23599341		
C5	14	16	06/26/00	0.514	0.809	0.637	15	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	07/15/09		F	CS	GENINORG	Fluoride	F(-1)		0.716	1.12	LANL Avl BG LVL	0.27	1.3	0.033	mg/L	1				EPA:300.0	GELC	08/18/09	23567321		
C5	11	14	06/26/00	28.98399925	65.3	46.25	12	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	07/15/09		F	CS	GENINORG	Sodium	Na		48.8	1.06	LANL Avl BG LVL	15.54	1.6	0.1	mg/L	1				SW-846:6010B	GELC	08/18/09	23592661		
C5	11	14	06/26/00	0.907	12.0000001	2.27	10	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	07/15/09		F	CS	METALS	Chromium	Cr		2.9	1.28	LANL Avl BG LVL	1	1.5	2.5	ug/L	1	J	J	J	J_LAB	SW-846:6020	GELC	08/18/09	23603491	
C5	11	14	06/26/00	177	2000	317	12	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	07/15/09		F	CS	METALS	Molybdenum	Mo		208	0.66	LANL Avl BG LVL	2	52.0	0.1	ug/L	1				SW-846:6020	GELC	08/18/09	23567951		
C5	11	14	06/26/00	0.62	4.36	2.85	10	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	07/15/09		F	CS	METALS	Vanadium	V		2.39	0.84	LANL Avl BG LVL	1	1.2	1	ug/L	1	J	J	J	J_LAB	SW-846:6010B	GELC	08/18/09	23564391	
C5	6	9	08/01/06	0.215	2.57	0.994	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09	FD	F	CS	GENINORG	Bromide	Br(-1)		0.816	0.82	LANL Avl BG LVL	0.07	5.8	0.066	mg/L	1				EPA:300.0	GELC	08/18/09	23561051		
C5	6	9	08/01/06	0.215	2.57	0.994	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09		F	CS	GENINORG	Bromide	Br(-1)		0.818	0.82	LANL Avl BG LVL	0.07	5.8	0.066	mg/L	1				EPA:300.0	GELC	08/18/09	23603221		
C5	6	9	08/01/06	0.229	0.614	0.266	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09		F	CS	GENINORG	Perchlorate	ClO4		0.248	0.93	LANL Avl BG LVL	0.05	2.5	0.05	ug/L	1				SW-846:6850	GELC	08/18/09	23572631		

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flg QC Type Code	Flg Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment	
C5	6	9	08/01/06	0.229	0.614	0.266	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09	FD	F	CS	GENINORG	Perchlorate	CIO4		0.243	0.91	LANL Avl BG LVL	0.05	2.4	0.05	ug/L	1				SW-846:6850	GELC	08/18/09	23599371		
C5	12	19	06/26/00	0.227	0.933	0.629	19	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09	FD	F	CS	GENINORG	Fluoride	F(-1)		0.646	1.03	LANL Avl BG LVL	0.27	1.2	0.033	mg/L	1				EPA:300.0	GELC	08/18/09	23598721		
C5	12	19	06/26/00	0.227	0.933	0.629	19	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09		F	CS	GENINORG	Fluoride	F(-1)		0.655	1.04	LANL Avl BG LVL	0.27	1.2	0.033	mg/L	1				EPA:300.0	GELC	08/18/09	23595711		
C5	10	14	06/26/00	29.2840004	60	44.15	14	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09	FD	F	CS	GENINORG	Sodium	Na		47	1.06	LANL Avl BG LVL	15.54	1.5	0.1	mg/L	1				SW-846:6010B	GELC	08/18/09	23582441		
C5	10	14	06/26/00	29.2840004	60	44.15	14	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09		F	CS	GENINORG	Sodium	Na		50.4	1.14	LANL Avl BG LVL	15.54	1.6	0.1	mg/L	1				SW-846:6010B	GELC	08/18/09	23610641		
C5	9	13	06/26/00	2	12.0000001	2.8	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09		F	CS	METALS	Chromium	Cr		3.32	1.19	LANL Avl BG LVL	1	1.7	2.5	ug/L	1	J	J	J	J_LAB	SW-846:6020	GELC	08/18/09	23559761	
C5	9	13	06/26/00	2	12.0000001	2.8	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09	FD	F	CS	METALS	Chromium	Cr		2.96	1.06	LANL Avl BG LVL	1	1.5	2.5	ug/L	1	J	J	J	J_LAB	SW-846:6020	GELC	08/18/09	23600271	
C5	9	13	06/26/00	170	2470	656	13	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09	FD	F	CS	METALS	Molybdenum	Mo		177	0.27	LANL Avl BG LVL	2	44.3	0.1	ug/L	1				SW-846:6020	GELC	08/18/09	23608681		
C5	9	13	06/26/00	170	2470	656	13	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09		F	CS	METALS	Molybdenum	Mo		170	0.26	LANL Avl BG LVL	2	42.5	0.1	ug/L	1				SW-846:6020	GELC	08/18/09	23559801		
C5	9	13	06/26/00	2.6	3.7	2.8	10	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09	FD	F	CS	METALS	Vanadium	V		2.78	0.99	LANL Avl BG LVL	1	1.4	1	ug/L	1	J	J	J	J_LAB	SW-846:6010B	GELC	08/18/09	23588431	
C5	9	13	06/26/00	2.6	3.7	2.8	10	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	07/15/09		F	CS	METALS	Vanadium	V		2.73	0.98	LANL Avl BG LVL	1	1.4	1	ug/L	1	J	J	J	J_LAB	SW-846:6010B	GELC	08/18/09	23583711	
C5	8	8	06/26/01	0.161	0.496	0.383	8	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	07/14/09		F	CS	GENINORG	Bromide	Br(-1)		0.161	0.42	LANL Avl BG LVL	0.07	1.2	0.066	mg/L	1	J	J	J	J_LAB	EPA:300.0	GELC	08/17/09	23535421	
C5	6	6	05/02/05	0.0898	0.458	0.193	6	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	07/14/09		F	CS	GENINORG	Perchlorate	CIO4		0.183	0.95	LANL Avl BG LVL	0.05	1.8	0.05	ug/L	1	J	J	J	J_LAB	SW-846:6850	GELC	08/17/09	23539241	
C5	11	11	03/28/01	0.47	0.647	0.58	11	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	07/14/09		F	CS	GENINORG	Fluoride	F(-1)		0.581	1.00	LANL Avl BG LVL	0.27	1.1	0.033	mg/L	1				EPA:300.0	GELC	08/17/09	23539381		
C5	8	8	03/28/01	28	44.4	37.7	8	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	07/14/09		F	CS	GENINORG	Sodium	Na		38.3	1.02	LANL Avl BG LVL	15.54	1.2	0.2	mg/L	2	N			SW-846:6010B	GELC	08/18/09	23605421		
C5	8	8	03/28/01	19.5	44.3	28.4	8	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	07/14/09		F	CS	METALS	Molybdenum	Mo		40.7	1.43	LANL Avl BG LVL	2	10.2	0.1	ug/L	1				SW-846:6020	GELC	08/18/09	23577581		
C5	6	6	08/04/06	0.167	0.204	0.185	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	07/07/09		F	CS	GENINORG	Perchlorate	CIO4		0.204	1.10	LANL Int BG LVL	0.05	2.0	0.05	ug/L	1				SW-846:6850	GELC	08/11/09	23369991		
C5	4	4	04/26/07	31.3	35.8	34	4	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LADP-3	316	07/15/09		F	CS	GENINORG	Chloride	Cl(-1)		31.3	0.92	LANL Int BG LVL	7.78	2.0	0.33	mg/L	5				EPA:300.0	GELC	08/18/09	23587601		
C5	5	5	04/26/07	0.13	0.149	0.135	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LADP-3	316	07/15/09		F	CS	GENINORG	Perchlorate	CIO4		0.135	1.00	LANL Int BG LVL	0.05	1.4	0.05	ug/L	1	J	J	J	J_LAB	SW-846:6850	GELC	08/18/09	23623111	
C5	4	4	04/26/07	8.8	11.4	10.3	4	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LADP-3	316	07/15/09		F	CS	METALS	Chromium	Cr		11.4	1.11	LANL Int BG LVL	1	5.7	2.5	ug/L	1				SW-846:6020	GELC	08/18/09	23587131		
C5	11	14	08/24/05	15.7	18	16.8	14	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		F	CS	GENINORG	Chloride	Cl(-1)		16.6	0.99	LANL Int BG LVL	7.78	1.1	0.066	mg/L	1				EPA:300.0	GELC	08/18/09	23627211		
C5	7	10	07/26/06	6.39	8.32	7.26	10	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		F	CS	GENINORG	Perchlorate	CIO4		7	0.96	LANL Int BG LVL	0.05	70.0	0.5	ug/L	10				SW-846:6850	GELC	08/18/09	23574911		
C5	11	14	08/24/05	0.575	0.725	0.641	14	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		F	CS	GENINORG	Fluoride	F(-1)		0.66	1.03	LANL Int BG LVL	0.23	1.4	0.033	mg/L	1				EPA:300.0	GELC	08/18/09	23565301		
C5	8	8	07/25/06	3.01	7.3	5.31	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	07/08/09		F	CS	GENINORG	Perchlorate	CIO4		4.45	0.84	LANL Int BG LVL	0.05	44.5	0.25	ug/L	5				SW-846:6850	GELC	08/14/09	23485011		
C5	9	9	11/15/05	7.3	380	15.8	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	07/08/09		F	CS	METALS	Manganese	Mn		10.4	0.66	LANL Int BG LVL	2	2.6	2	ug/L	1				SW-846:6010B	GELC	08/14/09	23507461		

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flg QC Type Code	Flg Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C5	9	9	07/26/06	0.162	0.318	0.24	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	07/08/09	F	CS	GENINORG	Bromide	Br(-1)		0.318	1.33	LANL Int BG LVL	0.03	5.3	0.066	mg/L	1				EPA:300.0	GELC	08/14/09	23488351		
C5	9	9	07/26/06	19.1	21.8	20.2	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	07/08/09	F	CS	GENINORG	Chloride	Cl(-1)		20.4	1.01	LANL Int BG LVL	7.78	1.3	0.13	mg/L	2				EPA:300.0	GELC	08/14/09	23467101		
C5	9	9	07/26/06	2.85	4.65	3.4	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	07/08/09	F	CS	GENINORG	Perchlorate	ClO4		2.85	0.84	LANL Int BG LVL	0.05	28.5	0.25	ug/L	5				SW-846:6850	GELC	08/14/09	23484961		
C5	8	8	07/26/06	1.1	1.69	1.45	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	07/08/09	F	CS	METALS	Uranium	U		1.69	1.17	LANL Int BG LVL	0.72	1.2	0.05	ug/L	1				SW-846:6020	GELC	08/14/09	23492341		
C5	10	15	05/09/06	0.088	0.242	0.131	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	07/13/09	F	CS	GENINORG	Bromide	Br(-1)		0.109	0.83	LANL Int BG LVL	0.03	1.8	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	08/17/09	23533211		
C5	10	15	05/09/06	18.4	38.3	18.8	15	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	07/13/09	F	CS	GENINORG	Chloride	Cl(-1)		27.3	1.45	LANL Int BG LVL	7.78	1.8	0.13	mg/L	2				EPA:300.0	GELC	08/17/09	23543231		
C5	10	14	05/09/06	0.522	0.877	0.768	14	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	07/13/09	F	CS	GENINORG	Perchlorate	ClO4		0.66	0.86	LANL Int BG LVL	0.05	6.6	0.05	ug/L	1				SW-846:6850	GELC	08/17/09	23550071		
C5	9	14	05/09/06	1.1	6.1	1.5	14	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	07/13/09	F	CS	METALS	Nickel	Ni		2.25	1.50	LANL Int BG LVL	1	1.1	0.5	ug/L	1				SW-846:6020	GELC	08/17/09	23554721		
C5	7	8	09/14/00	24	40	26	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	07/08/09	F	CS	GENINORG	Chloride	Cl(-1)		39	1.50	LANL Int BG LVL	7.78	2.5	0.33	mg/L	5				EPA:300.0	GELC	08/14/09	23515591		
C5	6	6	09/14/00	1.39	5.199999809	1.85	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	07/08/09	F	CS	METALS	Cobalt	Co		1.85	1.00	LANL Int BG LVL	0.5	1.9	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/14/09	23515691		
C5	6	6	09/14/00	81.2	1000	700	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	07/08/09	F	CS	METALS	Manganese	Mn		244	0.35	LANL Int BG LVL	2	61.0	2	ug/L	1				SW-846:6010B	GELC	08/14/09	23523781		
C5	6	6	09/14/00	37.2	140	100.9	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	07/08/09	F	CS	METALS	Nickel	Ni		91.8	0.91	LANL Int BG LVL	1	45.9	0.5	ug/L	1				SW-846:6020	GELC	08/14/09	23522271		
C5	3	3	09/02/08	2.01	2.37	2.07	3	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	07/08/09	F	CS	GENINORG	Perchlorate	ClO4		2.37	1.14	LANL Int BG LVL	0.05	23.7	0.2	ug/L	4				SW-846:6850	GELC	08/14/09	23513501		
C5	6	6	09/15/00	18.6	580	503.5	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	07/08/09	F	CS	METALS	Manganese	Mn		18.6	0.04	LANL Int BG LVL	2	4.7	2	ug/L	1				SW-846:6010B	GELC	08/14/09	23504451		
C5	6	6	09/15/00	5.12	110	16.1	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	07/08/09	F	CS	METALS	Nickel	Ni		5.12	0.32	LANL Int BG LVL	1	2.6	0.5	ug/L	1				SW-846:6020	GELC	08/14/09	23501361		
C5	7	7	02/20/04	119	191	157	7	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-8	825	07/09/09	F	CS	METALS	Barium	Ba		183	1.17	LANL Reg BG LVL	56.83	1.6	1	ug/L	1				SW-846:6010B	GELC	08/17/09	23542241		
C5	7	12	07/31/06	0.884	1.08	0.954	12	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	07/13/09	F	CS	GENINORG	Perchlorate	ClO4		1.03	1.08	LANL Reg BG LVL	0.46	1.1	0.1	ug/L	2				SW-846:6850	GELC	08/17/09	23555901		
C5	7	12	07/31/06	0.884	1.08	0.954	12	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	07/13/09	FD	F	CS	GENINORG	Perchlorate	ClO4		1.08	1.13	LANL Reg BG LVL	0.46	1.2	0.1	ug/L	2				SW-846:6850	GELC	08/17/09	23546941	
C5	10	15	02/28/00	99	209	186	15	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	07/13/09	F	CS	METALS	Barium	Ba		186	1.00	LANL Reg BG LVL	56.83	1.6	1	ug/L	1				SW-846:6010B	GELC	08/17/09	23549701		
C5	10	15	02/28/00	99	209	186	15	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	07/13/09	FD	F	CS	METALS	Barium	Ba		192	1.03	LANL Reg BG LVL	56.83	1.7	1	ug/L	1				SW-846:6010B	GELC	08/17/09	23553391	
C5	10	12	07/26/00	143	271	168	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	07/08/09	F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3		164	0.98	LANL Avl BG LVL	76	1.1	0.73	mg/L	1				EPA:310.1	GELC	08/14/09	23492831		
C5	10	12	06/27/00	30	48.7	34.7	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	07/08/09	F	CS	GENINORG	Sodium	Na		41.5	1.20	LANL Avl BG LVL	15.54	1.3	0.1	mg/L	1				SW-846:6010B	GELC	08/14/09	23528531		
C5	9	10	06/27/00	284	348	320	10	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	07/08/09	F	CS	GENINORG	Total Dissolved Solids	TDS		306	0.96	LANL Avl BG LVL	139	1.1	2.4	mg/L	1				EPA:160.1	GELC	08/14/09	23516661		
C5	10	12	06/27/00	134	181	144	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	07/08/09	F	CS	METALS	Barium	Ba		144	1.00	LANL Avl BG LVL	68.57	1.1	1	ug/L	1				SW-846:6010B	GELC	08/14/09	23503961		
C5	6	6	05/11/05	410	507	428	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	07/08/09	F	CS	METALS	Strontium	Sr		436	1.02	LANL Avl BG LVL	120	1.8	1	ug/L	1				SW-846:6010B	GELC	08/14/09	23522971		

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flg QC Type Code	Flg Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C5	10	10	07/27/01	0.108	0.185	0.12	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09	F	CS	GENINORG	Bromide	Br(-1)		0.114	0.95	LANL Int BG LVL	0.03	1.9	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	08/17/09	23550001		
C5	20	22	06/27/00	21.7	51	32.3	22	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09	F	CS	GENINORG	Chloride	Cl(-1)		22.9	0.71	LANL Int BG LVL	7.78	1.5	0.13	mg/L	2				EPA:300.0	GELC	08/17/09	23550641		
C5	7	7	05/11/05	0.594	4.39	1.38	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09	F	CS	GENINORG	Perchlorate	ClO4		3.8	2.75	LANL Int BG LVL	0.05	38.0	0.25	ug/L	5				SW-846:6850	GELC	08/12/09	23368971	values tripled since early 2008	
C5	16	18	06/27/00	0.3	0.545	0.367	17	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09	F	CS	GENINORG	Fluoride	F(-1)		0.545	1.49	LANL Int BG LVL	0.23	1.2	0.033	mg/L	1				EPA:300.0	GELC	08/17/09	23539931		
C5	20	21	06/27/00	25.6	53.11399841	47.6	21	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09	F	CS	GENINORG	Sodium	Na		28.8	0.61	LANL Int BG LVL	12.19	1.2	0.1	mg/L	1				SW-846:6010B	GELC	08/17/09	23544361		
C5	14	15	07/25/00	0.021	2.839999914	1.37	15	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P		0.918	0.67	LANL Int BG LVL	0.08	5.7	0.015	mg/L	1		J	I4a	EPA:365.4	GELC	08/17/09	23531551		
C5	13	14	07/25/00	81.6	280.0000012	206	14	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09	F	CS	METALS	Boron	B		84.7	0.41	LANL Int BG LVL	15.12	2.8	15	ug/L	1				SW-846:6010B	GELC	08/17/09	23544511		
C5	20	21	06/27/00	2.3	10.1	8	19	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Basalt Spring	0	07/09/09	F	CS	METALS	Nickel	Ni		3.1	0.39	LANL Int BG LVL	1	1.6	0.5	ug/L	1				SW-846:6020	GELC	08/17/09	23544651		
C5	6	7	04/26/07	0.253	0.325	0.273	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	FD	F	CS	GENINORG	Bromide	Br(-1)		0.254	0.93	LANL Int BG LVL	0.03	4.2	0.066	mg/L	1				EPA:300.0	GELC	08/17/09	23539051	
C5	6	7	04/26/07	0.253	0.325	0.273	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	F	CS	GENINORG	Bromide	Br(-1)		0.253	0.93	LANL Int BG LVL	0.03	4.2	0.066	mg/L	1				EPA:300.0	GELC	08/17/09	23540911		
C5	6	7	04/26/07	18.8	19.6	19.3	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	F	CS	GENINORG	Chloride	Cl(-1)		19.6	1.02	LANL Int BG LVL	7.78	1.3	0.066	mg/L	1				EPA:300.0	GELC	08/17/09	23532011		
C5	6	7	04/26/07	18.8	19.6	19.3	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	FD	F	CS	GENINORG	Chloride	Cl(-1)		19.6	1.02	LANL Int BG LVL	7.78	1.3	0.066	mg/L	1				EPA:300.0	GELC	08/17/09	23545551	
C5	6	7	04/26/07	1.43	1.65	1.6	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	F	CS	GENINORG	Perchlorate	ClO4		1.65	1.03	LANL Int BG LVL	0.05	16.5	0.1	ug/L	2				SW-846:6850	GELC	08/12/09	23387811		
C5	6	7	04/26/07	1.43	1.65	1.6	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	FD	F	CS	GENINORG	Perchlorate	ClO4		1.64	1.03	LANL Int BG LVL	0.05	16.4	0.1	ug/L	2				SW-846:6850	GELC	08/12/09	23377131	
C5	6	7	04/26/07	0.847	0.961	0.903	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	F	CS	GENINORG	Fluoride	F(-1)		0.956	1.06	LANL Int BG LVL	0.23	2.1	0.033	mg/L	1				EPA:300.0	GELC	08/17/09	23558601		
C5	6	7	04/26/07	0.847	0.961	0.903	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	FD	F	CS	GENINORG	Fluoride	F(-1)		0.961	1.06	LANL Int BG LVL	0.23	2.1	0.033	mg/L	1				EPA:300.0	GELC	08/17/09	23535821	
C5	6	7	04/26/07	4.3	5.34	5	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	FD	F	CS	METALS	Chromium	Cr		4.99	1.00	LANL Int BG LVL	1	2.5	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/17/09	23549871	
C5	6	7	04/26/07	4.3	5.34	5	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	F	CS	METALS	Chromium	Cr		5.34	1.07	LANL Int BG LVL	1	2.7	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	08/17/09	23559031		
C5	6	7	04/26/07	1.57	2.8	2.1	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	F	CS	METALS	Uranium	U		1.67	0.80	LANL Int BG LVL	0.72	1.2	0.05	ug/L	1				SW-846:6020	GELC	08/17/09	23536511		
C5	6	7	04/26/07	1.57	2.8	2.1	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	FD	F	CS	METALS	Uranium	U		1.57	0.75	LANL Int BG LVL	0.72	1.1	0.05	ug/L	1				SW-846:6020	GELC	08/17/09	23547371	
C5	17	26	05/17/05	13.5	34.9	21.5	26	Sandia Canyon	Regional	R-11	855	04/29/09	F	CS	METALS	Chromium	Cr		17	0.79	LANL Reg BG LVL	5.75	1.5	1.5	ug/L	1				SW-846:6020	GELC	06/15/09	23642121		
C5	3	4	03/11/09	1.09	7.67	6.17	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	06/17/09		UF	CS	GENINORG	Total Organic Carbon	TOC		5.91	0.96	LANL Reg BG LVL	0.33	9.0	0.33	mg/L	1				SW-846:9060	GELC	08/13/09	23451711	
C5	3	4	03/11/09	6.46	8	7.22	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	06/17/09	F	CS	METALS	Manganese	Mn		8	1.11	LANL Reg BG LVL	2.94	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/14/09	23518841		
C5	10	13	01/24/06	198	468	270	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	06/24/09	F	CS	METALS	Zinc	Zn		198	0.73	LANL Reg BG LVL	3.89	25.5	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23357551		

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C5	4	6	06/09/08	241	444	350	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3		337	0.96	LANL Avl BG LVL	76	2.2	0.73	mg/L	1				EPA:310.1	GELC	08/12/09	23396981	
C5	4	6	06/09/08	61.9	114	87.8	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	GENINORG	Calcium	Ca		89.9	1.02	LANL Avl BG LVL	26.36	1.7	0.03	mg/L	1				SW-846:6010B	GELC	08/12/09	23367011	
C5	4	6	06/09/08	15.2	26.3	20.2	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	GENINORG	Magnesium	Mg		19.2	0.95	LANL Avl BG LVL	7.78	1.2	0.085	mg/L	1				SW-846:6010B	GELC	08/12/09	23409091	
C5	4	6	06/09/08	0.932	1.66	1.335	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N		1.66	1.24	LANL Avl BG LVL	0.04	20.8	0.016	mg/L	1		J-	l6a	EPA:350.1	GELC	08/12/09	23399981	
C5	4	6	06/09/08	331	522	431	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	GENINORG	Total Dissolved Solids	TDS		439	1.02	LANL Avl BG LVL	139	1.6	2.4	mg/L	1				EPA:160.1	GELC	08/12/09	23366661	apparent road salt runoff
C5	4	6	06/09/08	281	601	436	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	METALS	Barium	Ba		385	0.88	LANL Avl BG LVL	68.57	2.8	1	ug/L	1				SW-846:6010B	GELC	08/12/09	23386401	
C5	4	6	06/09/08	9.6	23.6	18.7	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	METALS	Cobalt	Co		20.2	1.08	LANL Avl BG LVL	0.5	20.2	1	ug/L	1				SW-846:6010B	GELC	08/12/09	23404021	
C5	4	6	06/09/08	6040	17500	11850	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	METALS	Manganese	Mn		11000	0.93	LANL Avl BG LVL	2	2750.0	40	ug/L	20				SW-846:6010B	GELC	08/12/09	23385171	
C5	4	6	06/09/08	6.8	9.74	7.5	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	METALS	Molybdenum	Mo		9.74	1.30	LANL Avl BG LVL	2	2.4	0.1	ug/L	1				SW-846:6020	GELC	08/12/09	23373741	
C5	4	6	06/09/08	5.8	14.9	8.8	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	METALS	Nickel	Ni		14.9	1.69	LANL Avl BG LVL	1	7.5	0.5	ug/L	1				SW-846:6020	GELC	08/12/09	23399861	
C5	4	6	06/09/08	383	777	580	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-5	14.7	06/09/09		F	CS	METALS	Strontium	Sr		551	0.95	LANL Avl BG LVL	120	2.3	1	ug/L	1				SW-846:6010B	GELC	08/12/09	23378531	
C5	12	13	08/29/06	0.268	0.388	0.308	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-BG-1	10	05/29/09		F	CS	GENINORG	Perchlorate	ClO4		0.308	1.00	LANL Avl BG LVL	0.05	3.1	0.05	ug/L	1				SW-846:6850	GELC	08/04/09	23256061	
C5	12	14	08/31/06	0.266	0.417	0.326	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	05/28/09		F	CS	GENINORG	Perchlorate	ClO4		0.3	0.92	LANL Avl BG LVL	0.05	3.0	0.05	ug/L	1				SW-846:6850	GELC	07/29/09	23184201	
C5	12	15	08/31/06	0.214	0.568	0.291	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	05/27/09	FD	F	CS	GENINORG	Perchlorate	ClO4		0.283	0.97	LANL Avl BG LVL	0.05	2.8	0.05	ug/L	1				SW-846:6850	GELC	08/03/09	23239641	
C5	12	15	08/31/06	0.214	0.568	0.291	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	05/27/09		F	CS	GENINORG	Perchlorate	ClO4		0.291	1.00	LANL Avl BG LVL	0.05	2.9	0.05	ug/L	1				SW-846:6850	GELC	08/03/09	23239141	
C5	5	5	06/22/08	0.251	0.302	0.256	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7a	9.7	06/02/09		F	CS	GENINORG	Perchlorate	ClO4		0.256	1.00	LANL Avl BG LVL	0.05	2.6	0.05	ug/L	1				SW-846:6850	GELC	08/10/09	23338751	
C5	12	12	08/23/06	52.1	566	135.5	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/10/09		F	CS	GENINORG	Chloride	Cl(-1)		119	0.88	LANL Int BG LVL	7.78	7.7	0.66	mg/L	10				EPA:300.0	GELC	08/10/09	23353311	apparent road salt runoff
C5	5	5	06/25/08	0.204	0.254	0.237	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09		F	CS	GENINORG	Perchlorate	ClO4		0.254	1.07	LANL Avl BG LVL	0.05	2.5	0.05	ug/L	1				SW-846:6850	GELC	08/11/09	23371731	
C5	13	13	06/27/06	40.3	291	93.1	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/10/09		F	CS	GENINORG	Sodium	Na		91.3	0.98	LANL Int BG LVL	12.19	3.7	0.045	mg/L	1				SW-846:6010B	GELC	08/10/09	23340271	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C5	5	5	06/25/08	39.5	298	46	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09	F	CS	GENINORG	Sodium	Na		298	6.48	LANL Avl BG LVL	15.54	9.6	0.045	mg/L	1				SW-846:6010B	GELC	08/11/09	23393291		
C5	5	5	06/25/08	140	2580	184	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09	F	CS	METALS	Barium	Ba		2580	14.02	LANL Avl BG LVL	68.57	18.8	1	ug/L	1				SW-846:6010B	GELC	08/11/09	23408131		
C5	13	13	06/27/06	4.3	300	15.3	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/10/09	F	CS	METALS	Manganese	Mn		15.1	0.99	LANL Int BG LVL	2	3.8	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23337661		
C5	5	5	06/25/08	6.8	609	10.1	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09	F	CS	METALS	Manganese	Mn		8.42	0.83	LANL Avl BG LVL	2	2.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/11/09	23376231		
C5	5	5	06/25/08	1.8	5.2	2	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09	F	CS	METALS	Nickel	Ni		5.2	2.60	LANL Avl BG LVL	1	2.6	0.5	ug/L	1				SW-846:6020	GELC	08/11/09	23380011		
C5	13	13	06/27/06	6.4	50.8	19	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/10/09	F	CS	METALS	Zinc	Zn		35.2	1.85	LANL Int BG LVL	2	8.8	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23344751		
C5	5	5	06/25/08	26.6	872	143	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09	F	CS	METALS	Zinc	Zn		163	1.14	LANL Avl BG LVL	2	40.8	2	ug/L	1				SW-846:6010B	GELC	08/11/09	23416281		
C5	13	20	06/23/06	43.2	610	142.5	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	F	CS	GENINORG	Chloride	Cl(-1)		108	0.76	LANL Int BG LVL	7.78	6.9	0.66	mg/L	10				EPA:300.0	GELC	08/10/09	23361641	apparent road salt runoff	
C5	13	20	06/23/06	43.2	610	142.5	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	FD	F	CS	GENINORG	Chloride	Cl(-1)		107	0.75	LANL Int BG LVL	7.78	6.9	0.66	mg/L	10				EPA:300.0	GELC	08/10/09	23353351	apparent road salt runoff
C5	13	20	06/23/06	44.3	347	90.3	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	F	CS	GENINORG	Sodium	Na		90.3	1.00	LANL Int BG LVL	12.19	3.7	0.045	mg/L	1				SW-846:6010B	GELC	08/10/09	23345061		
C5	13	20	06/23/06	44.3	347	90.3	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	FD	F	CS	GENINORG	Sodium	Na		89.1	0.99	LANL Int BG LVL	12.19	3.7	0.045	mg/L	1				SW-846:6010B	GELC	08/10/09	23349671	
C5	13	26	06/23/06	184	1230	316	26	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS		339	1.07	LANL Int BG LVL	127	1.3	2.4	mg/L	1				EPA:160.1	GELC	08/10/09	23345301	apparent road salt runoff
C5	13	26	06/23/06	184	1230	316	26	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	F	CS	GENINORG	Total Dissolved Solids	TDS		316	1.00	LANL Int BG LVL	127	1.2	2.4	mg/L	1				EPA:160.1	GELC	08/10/09	23355411	apparent road salt runoff	
C5	13	20	06/23/06	3.1	681	30.8	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	FD	F	CS	METALS	Manganese	Mn		28.1	0.91	LANL Int BG LVL	2	7.0	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23358481	
C5	13	20	06/23/06	3.1	681	30.8	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	F	CS	METALS	Manganese	Mn		51.8	1.68	LANL Int BG LVL	2	13.0	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23361071		
C5	13	20	06/23/06	0.51	20	2.4	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	F	CS	METALS	Lead	Pb		11.7	4.88	LANL Int BG LVL	0.5	11.7	0.5	ug/L	1				SW-846:6020	GELC	08/10/09	23361371	values variable, one higher prior value	
C5	13	20	06/23/06	0.51	20	2.4	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	FD	F	CS	METALS	Lead	Pb		5.12	2.13	LANL Int BG LVL	0.5	5.1	0.5	ug/L	1				SW-846:6020	GELC	08/10/09	23343901	values variable, one higher prior value
C5	13	20	06/23/06	3.3	83.5	24.4	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	F	CS	METALS	Zinc	Zn		83.5	3.42	LANL Int BG LVL	2	20.9	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23344631		
C5	13	20	06/23/06	3.3	83.5	24.4	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	FD	F	CS	METALS	Zinc	Zn		58.7	2.41	LANL Int BG LVL	2	14.7	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23361061	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C5	5	5	07/21/05	0.317	0.357	0.326	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19	909.3	06/03/09		F	CS	GENINORG	Perchlorate	CIO4		0.357	1.10	LANL Int BG LVL	0.05	3.6	0.05	ug/L	1				SW-846:6850	GELC	08/11/09	23412551	
C5	10	10	09/22/00	3	87	6	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19	909.3	06/03/09		F	CS	METALS	Zinc	Zn		5.73	0.96	LANL Int BG LVL	2	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	08/11/09	23368681	
C5	7	9	09/06/07	6.93	36.7	31.8	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	06/09/09		F	CS	GENINORG	Chloride	Cl(-1)		32.3	1.02	LANL Int BG LVL	7.78	2.1	0.33	mg/L	5				EPA:300.0	GELC	08/11/09	23404401	
C5	7	9	09/06/07	0.11	0.231	0.175	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	06/09/09		F	CS	GENINORG	Perchlorate	CIO4		0.172	0.98	LANL Int BG LVL	0.05	1.7	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	08/11/09	23399551	
C5	11	13	10/03/06	0.146	0.281	0.211	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	06/04/09		F	CS	GENINORG	Perchlorate	CIO4		0.221	1.05	LANL Int BG LVL	0.05	2.2	0.05	ug/L	1				SW-846:6850	GELC	08/11/09	23400731	
C5	11	13	10/03/06	0.146	0.281	0.211	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	06/04/09	FD	F	CS	GENINORG	Perchlorate	CIO4		0.221	1.05	LANL Int BG LVL	0.05	2.2	0.05	ug/L	1				SW-846:6850	GELC	08/11/09	23412761	
C5	8	9	10/11/06	0.186	0.274	0.235	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	06/10/09		F	CS	GENINORG	Perchlorate	CIO4		0.213	0.91	LANL Int BG LVL	0.05	2.1	0.05	ug/L	1				SW-846:6850	GELC	08/13/09	23449611	
C5	14	26	08/25/05	0.364	1.28	0.704	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	05/28/09	FD	UF	CS	GENINORG	Total Organic Carbon	TOC		0.693	0.98	LANL Reg BG LVL	0.33	1.1	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	07/29/09	23201321	
C5	12	17	08/28/06	0.0972	0.242	0.14	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09	FD	F	CS	GENINORG	Perchlorate	CIO4		0.15	1.07	LANL Avl BG LVL	0.05	1.5	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	08/04/09	23252721	
C5	12	17	08/28/06	0.0972	0.242	0.14	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09		F	CS	GENINORG	Perchlorate	CIO4		0.135	0.96	LANL Avl BG LVL	0.05	1.4	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	08/04/09	23245891	
C5	12	17	08/28/06	45.1	126	62.1	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09	FD	F	CS	GENINORG	Sodium	Na		121	1.95	LANL Avl BG LVL	15.54	3.9	0.045	mg/L	1				SW-846:6010B	GELC	08/04/09	23245961	
C5	12	17	08/28/06	45.1	126	62.1	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09		F	CS	GENINORG	Sodium	Na		126	2.03	LANL Avl BG LVL	15.54	4.1	0.045	mg/L	1				SW-846:6010B	GELC	08/04/09	23246151	
C5	12	19	08/28/06	235	798	351	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09		F	CS	GENINORG	Total Dissolved Solids	TDS		744	2.12	LANL Avl BG LVL	139	2.7	2.4	mg/L	1				EPA:160.1	GELC	08/04/09	23259741	apparent road salt runoff
C5	12	19	08/28/06	235	798	351	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS		798	2.27	LANL Avl BG LVL	139	2.9	2.4	mg/L	1				EPA:160.1	GELC	08/04/09	23277201	apparent road salt runoff
C5	12	17	08/28/06	103	475	169	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09		F	CS	METALS	Barium	Ba		475	2.81	LANL Avl BG LVL	68.57	3.5	1	ug/L	1				SW-846:6010B	GELC	08/04/09	23264511	
C5	12	17	08/28/06	103	475	169	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09	FD	F	CS	METALS	Barium	Ba		457	2.70	LANL Avl BG LVL	68.57	3.3	1	ug/L	1				SW-846:6010B	GELC	08/04/09	23256251	
C5	5	5	06/21/08	15.8	27.5	18.5	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	06/02/09		F	CS	METALS	Manganese	Mn		15.8	0.85	LANL Reg BG LVL	2.94	2.7	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23350831	
C5	5	5	06/23/08	113	141	129	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	05/29/09		F	CS	METALS	Barium	Ba		136	1.05	LANL Reg BG LVL	56.83	1.2	1	ug/L	1				SW-846:6010B	GELC	08/04/09	23262241	
C5	5	5	06/23/08	58	72.2	63.8	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	05/29/09		F	CS	METALS	Manganese	Mn		66.5	1.04	LANL Reg BG LVL	2.94	11.3	2	ug/L	1				SW-846:6010B	GELC	08/04/09	23247931	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
C5	7	13	12/14/07	27.6	103	44.9	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	867.5	06/08/09		F	CS	METALS	Zinc	Zn		27.6	0.61	LANL Reg BG LVL	3.89	3.6	2	ug/L	1				SW-846:6010B	GELC	08/11/09	23408471	
C6	6	7	04/26/07	0.847	0.961	0.903	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09	FD	F	CS	GENINORG	Fluoride	F(-1)		0.961	1.06	NM GW STD	1.6	1.2	0.033	mg/L	1				EPA:300.0	GELC	08/17/09	23535821	
C6	6	7	04/26/07	0.847	0.961	0.903	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	07/09/09		F	CS	GENINORG	Fluoride	F(-1)		0.956	1.06	NM GW STD	1.6	1.2	0.033	mg/L	1				EPA:300.0	GELC	08/17/09	23558601	
C6	5	5	06/25/08	61.6	994	94.8	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09		F	CS	GENINORG	Chloride	Cl(-1)		994	10.49	NM GW STD	250	8.0	6.6	mg/L	100				EPA:300.0	GELC	08/11/09	23382431	apparent road salt runoff
C6	5	5	06/25/08	235	2140	270	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09		F	CS	GENINORG	Total Dissolved Solids	TDS		2140	7.93	NM GW STD	1000	4.3	2.4	mg/L	1				EPA:160.1	GELC	08/11/09	23389621	apparent road salt runoff
C6	5	5	06/25/08	140	2580	184	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-7b2	10	06/04/09		F	CS	METALS	Barium	Ba		2580	14.02	NM GW STD	1000	5.2	1	ug/L	1				SW-846:6010B	GELC	08/11/09	23408131	
C6	12	17	08/28/06	51.3	320	93.3	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09	FD	F	CS	GENINORG	Chloride	Cl(-1)		320	3.43	NM GW STD	250	2.6	3.3	mg/L	50				EPA:300.0	GELC	08/04/09	23260631	apparent road salt runoff
C6	12	17	08/28/06	51.3	320	93.3	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09		F	CS	GENINORG	Chloride	Cl(-1)		312	3.34	NM GW STD	250	2.5	3.3	mg/L	50				EPA:300.0	GELC	08/04/09	23245981	apparent road salt runoff
C6	12	19	08/28/06	235	798	351	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09		F	CS	GENINORG	Total Dissolved Solids	TDS		744	2.12	NM GW STD	1000	1.5	2.4	mg/L	1				EPA:160.1	GELC	08/04/09	23259741	apparent road salt runoff
C6	12	19	08/28/06	235	798	351	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	05/29/09	FD	F	CS	GENINORG	Total Dissolved Solids	TDS		798	2.27	NM GW STD	1000	1.6	2.4	mg/L	1				EPA:160.1	GELC	08/04/09	23277201	apparent road salt runoff
CA	2	2	07/30/01	0.266	8.18	4.223	2	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		UF	CS	METALS	Cadmium	Cd		8.18	1.94	EPA MCL	5	1.6	0.11	ug/L	1	N	J+	I6b	SW-846:6020	GELC	08/10/09	23347341	
CA	1	1	07/21/09	6090	6090	6090	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		F	CS	METALS	Iron	Fe		6090	1.00	NM GW STD	1000	6.1	30	ug/L	1				SW-846:6010B	GELC	08/10/09	23362861	high F and UF results since 1950s
CA	1	1	07/21/09	828	828	828	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		F	CS	METALS	Manganese	Mn		828	1.00	NM GW STD	200	4.1	2	ug/L	1				SW-846:6010B	GELC	08/10/09	23349791	many similar results since 1990s
CA	2	2	07/30/01	3.57	321	162.29	2	Pueblo Canyon (includes Acid Canyon)	Intermediate	Test Well 2A	123	07/21/09		UF	CS	METALS	Lead	Pb		321	1.98	EPA MCL	15	21.4	0.5	ug/L	1	E	J	I18	SW-846:6020	GELC	08/10/09	23354251	many similar results since 1980s
CA	11	14	08/24/05	0.837	0.837	0.837	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Indeno(1,2,3-cd)pyrene	193-39-5		0.837	1.00	EPA TAP SCRNLVL C-5	0.29	2.9	0.22	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	08/18/09	23626551	
CA	11	14	08/24/05	3.68	3.68	3.68	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Benzo(b)fluoranthene	205-99-2		3.68	1.00	EPA TAP SCRNLVL C-5	0.29	12.7	0.22	ug/L	1				SW-846:8270C	GELC	08/18/09	23580311	
CA	11	14	08/24/05	2.12	2.12	2.12	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	07/14/09		UF	CS	SVOA	Benzo(a)pyrene	50-32-8		2.12	1.00	EPA MCL	0.2	10.6	0.22	ug/L	1				SW-846:8270C	GELC	08/18/09	23620961	
CA	1	2	05/21/09	15.6	16.3	16	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	05/21/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		15.6	0.98	EPA MCL	6	2.6	2.1	ug/L	1				SW-846:8270C	GELC	07/22/09	23125401	present in several new wells
CA	1	2	05/21/09	15.6	16.3	16	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	05/21/09		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7		16.3	1.02	EPA MCL	6	2.7	2.3	ug/L	1				SW-846:8270C	GELC	07/22/09	23122281	present in several new wells
CA	6	6	09/14/00	81.2	1000	700	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	07/08/09		F	CS	METALS	Manganese	Mn		244	0.35	NM GW STD	200	1.2	2	ug/L	1				SW-846:6010B	GELC	08/14/09	23523781	
CA	13	13	06/27/06	1.4	22.1	4.1	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/10/09		UF	CS	METALS	Lead	Pb		18.1	4.41	EPA MCL	15	1.2	0.5	ug/L	1				SW-846:6020	GELC	08/10/09	23346121	values variable, one higher prior value
CA	13	20	06/23/06	0.57	23.5	4.15	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09	FD	UF	CS	METALS	Lead	Pb		15.5	3.73	EPA MCL	15	1.0	0.5	ug/L	1				SW-846:6020	GELC	08/10/09	23352371	values variable, one higher prior value

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Symbol	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	Load Date	Uri	Comment
CA	13	20	06/23/06	0.57	23.5	4.15	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/10/09		UF	CS	METALS	Lead	Pb		15.9	3.83	EPA MCL	15	1.1	0.5	ug/L	1				SW-846:6020	GELC	08/10/09	23353961	values variable, one higher prior value
CA	2	2	01/28/09	106	209	158	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	06/10/09		F	CS	METALS	Manganese	Mn		209	1.32	NM GW STD	200	1.1	2	ug/L	1				SW-846:6010B	GELC	08/13/09	23425031	
CA	2	3	01/05/09	5.68	10.2	6.08	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	06/08/09		UF	CS	HEXP	RDX	121-82-4		10.2	1.68	EPA TAP SCRNLVL C-5	6.1	1.7	0.13	ug/L	2				SW-846:8321A_MOD	GELC	08/10/09	23354161	expected at this location

