

SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN MAY 2011

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 5-11 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.

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 and included below: they are labeled C1 through C6 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 one or more than one criteria and appear in the table multiple times. The table also presents only the instances where the results exceed criteria; therefore, not all seven criteria may appear in the table.

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 5-11 Groundwater Report

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	Std Result	Result/median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C1	3	5	10/13/10	0.3	0.3	0.3	1	Pueblo Canyon (includes Acid Canyon)	Regional	R-3	974.5	03/08/11		UF	CS	VOA	Toluene	108-88-3	0.3	1.00	NM GW STD	750	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	1	1	03/23/11	0.0338	0.0338	0.0338	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		UF	CS	PEST/PCB	BHC[beta-]	319-85-7	0.0338	1.00	EPA TAP SCRNLVL C-5	0.37	0.1	0.006	ug/L	1				SW-846:8081A	GELC	
C1	1	1	03/23/11	1.72	1.72	1.72	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		UF	CS	VOA	Toluene	108-88-3	1.72	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	1	1	03/23/11	10.1	10.1	10.1	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		UF	CS	VOA	Acetone	67-64-1	10.1	1.00	EPA TAP SCRNLVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	
C1	1	1	03/23/11	2.6	2.6	2.6	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		UF	CS	VOA	Butanone[2-]	78-93-3	2.6	1.00	EPA TAP SCRNLVL N	7100	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	33	48	03/21/00	1.42	1.42	1.42	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	04/11/11		UF	CS	VOA	Carbon Disulfide	75-15-0	1.42	1.00	EPA TAP SCRNLVL N	1000	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	8	14	02/05/07	0.264	0.36	0.31	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	03/30/11		UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	0.36	1.16	EPA TAP SCRNLVL C-5	120	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	1	1	04/12/11	1.25	1.25	1.25	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	R-63	1325	04/12/11		UF	CS	HEXP	RDX	121-82-4	1.25	1.00	EPA TAP SCRNLVL C-5	6.1	0.2	0.1	ug/L	2				SW-846:8321A_MOD	GELC	first result- 3rd well in regional aquifer
C1	18	22	01/29/02	3.45	4.21	4.1	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	04/12/11		UF	CS	VOA	Toluene	108-88-3	3.45	0.84	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	18	22	01/29/02	3.45	4.21	4.1	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	04/12/11		UF	CS	VOA	Toluene	108-88-3	4.18	1.02	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	18	22	01/29/02	3.45	4.21	4.1	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	04/12/11		UF	CS	VOA	Toluene	108-88-3	4.02	0.98	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	18	22	01/29/02	3.45	4.21	4.1	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	04/12/11		UF	CS	VOA	Toluene	108-88-3	4.21	1.03	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	4	8	05/19/10	3.59	3.59	3.59	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	R-30	1140	04/05/11	FD	UF	CS	VOA	Acetone	67-64-1	3.59	1.00	EPA TAP SCRNLVL N	22000	0.0	3.5	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C2	9	11	02/23/04	2.2	6.26	4.75	3	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		F	CS	METALS	Arsenic	As	4.75	1.00	LANL Int BG LVL	4.32	1.1	1.7	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	9	11	02/23/04	0.58	1.3	0.77	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		F	CS	METALS	Nickel	Ni	1.03	1.34	LANL Int BG LVL	1	1.0	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	8	9	08/10/06	5.52	5.52	5.52	1	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	METALS	Copper	Cu	5.52	1.00	LANL Int BG LVL	5.32	1.0	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	11	12	04/26/05	3.24	10.2	6.72	2	Pueblo Canyon (includes Acid Canyon)	Regional	R-2	918	03/09/11	FD	F	CS	METALS	Arsenic	As	10.2	1.52	LANL Reg BG LVL	10	1.0	1.7	ug/L	1				SW-846:6020	GELC	Primary value is 3.2 ug/L (J), UF results were 2.9 and 4.7 ug/L.; prior are ND
C2	11	12	04/26/05	1.6	8.76	4.55	12	Pueblo Canyon (includes Acid Canyon)	Regional	R-2	918	03/09/11		F	CS	METALS	Chromium	Cr	8.76	1.93	LANL Reg BG LVL	5.75	1.5	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated
C2	11	12	04/26/05	1.6	8.76	4.55	12	Pueblo Canyon (includes Acid Canyon)	Regional	R-2	918	03/09/11	FD	F	CS	METALS	Chromium	Cr	7.8	1.71	LANL Reg BG LVL	5.75	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated
C2	10	12	11/14/01	24.29999924	40.4	36.2	11	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	718.6	03/10/11		F	CS	METALS	Boron	B	39.1	1.08	LANL Reg BG LVL	38.77	1.0	15	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	8	11	11/14/01	1.02	6.58	3.88	4	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	860.9	03/09/11		F	CS	METALS	Chromium	Cr	6.58	1.70	LANL Reg BG LVL	5.75	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated
C2	8	11	11/14/01	1.399999976	18.1	4.73	11	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	860.9	03/09/11		F	CS	METALS	Nickel	Ni	3.09	0.65	LANL Reg BG LVL	3.09	1.0	0.5	ug/L	1				SW-846:6020	GELC	
C2	5	5	07/31/06	18.4	26.5	20.5	5	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.3	5.9	03/07/11		F	CS	GENINORG	Calcium	Ca	26.5	1.29	LANL Avl BG LVL	26.36	1.0	0.05	mg/L	1				SW-846:6010B	GELC	
C2	5	5	07/31/06	3.5	3.5	3.5	1	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.3	5.9	03/07/11		F	CS	METALS	Copper	Cu	3.5	1.00	LANL Avl BG LVL	3	1.2	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	7	7	08/03/06	0.0707	0.0707	0.0707	1	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	03/08/11		F	CS	GENINORG	Bromide	Br(-1)	0.0707	1.00	LANL Avl BG LVL	0.07	1.0	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	5	5	08/03/06	21.3	43.4	23.9	5	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	03/08/11		F	CS	GENINORG	Calcium	Ca	43.4	1.82	LANL Avl BG LVL	26.36	1.7	0.05	mg/L	1				SW-846:6010B	GELC	
C2	5	5	08/03/06	4.22	6.09	4.5	5	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	03/08/11		F	CS	GENINORG	Potassium	K	6.09	1.35	LANL Avl BG LVL	5.21	1.2	0.05	mg/L	1				SW-846:6010B	GELC	
C2	5	5	08/03/06	4.1	8.64	4.42	5	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	03/08/11		F	CS	GENINORG	Magnesium	Mg	8.64	1.95	LANL Avl BG LVL	7.78	1.1	0.11	mg/L	1				SW-846:6010B	GELC	
C2	5	5	08/03/06	46	96.3	49.8	5	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	03/08/11		F	CS	METALS	Barium	Ba	96.3	1.93	LANL Avl BG LVL	68.57	1.4	1	ug/L	1				SW-846:6010B	GELC	Related to road salt?
C2	10	10	04/02/01	0.79	1.56	1.18	2	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	METALS	Cobalt	Co	1.56	1.32	LANL Avl BG LVL	0.5	3.1	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	10	10	04/02/01	0.54	4.6	2.97	5	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	METALS	Copper	Cu	3.14	1.06	LANL Avl BG LVL	3	1.1	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	7	11	08/01/06	0.038	0.041	0.04	2	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.041	1.03	LANL Avl BG LVL	0.04	1.0	0.015	mg/L	1	J	J	J_LAB	EPA:350.1	GELC	
C2	10	10	01/20/00	0.0697	0.0697	0.0697	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	03/08/11		F	CS	GENINORG	Bromide	Br(-1)	0.0697	1.00	LANL Int BG LVL	0.03	2.3	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	10	10	01/20/00	7.65	7.65	7.65	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	03/08/11		F	CS	METALS	Copper	Cu	7.65	1.00	LANL Int BG LVL	5.32	1.4	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C2	7	7	04/26/07	0.0756	0.0756	0.0756	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LADP-3	316	03/07/11		F	CS	GENINORG	Bromide	Br(-1)	0.0756	1.00	LANL Int BG LVL	0.03	2.5	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	8	8	09/15/00	703	1700	970	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	03/18/11		F	CS	METALS	Iron	Fe	1110	1.14	LANL Int BG LVL	839.99	1.3	30	ug/L	1				SW-846:6010B	GELC	Several values in this range in 2000-01, UF result was 32 ug/L, F Zn and Mn also higher than UF
C2	8	8	02/20/04	0.066	0.066	0.066	1	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-8	825	03/16/11		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.066	1.00	LANL Reg BG LVL	0.05	1.3	0.015	mg/L	1	J	J	J_LAB	EPA:350.1	GELC	
C2	11	16	02/28/00	0.879999995	3.34	2.109999998	2	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	03/07/11		F	CS	METALS	Copper	Cu	3.34	1.58	LANL Reg BG LVL	3	1.1	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	11	14	11/15/05	0.121	0.121	0.121	1	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Regional	R-24	825	03/11/11		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.121	1.00	LANL Reg BG LVL	0.05	2.4	0.015	mg/L	1				EPA:350.1	GELC	
C2	1	1	03/23/11	89.5	89.5	89.5	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	89.5	1.00	LANL Int BG LVL	52	1.7	0.73	mg/L	1				EPA:310.1	GELC	
C2	1	1	03/23/11	0.244	0.244	0.244	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Bromide	Br(-1)	0.244	1.00	LANL Int BG LVL	0.03	8.1	0.066	mg/L	1				EPA:300.0	GELC	
C2	1	1	03/23/11	35.3	35.3	35.3	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Calcium	Ca	35.3	1.00	LANL Int BG LVL	17.31	2.0	0.05	mg/L	1				SW-846:6010B	GELC	
C2	1	1	03/23/11	16.6	16.6	16.6	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Chloride	Cl(-1)	16.6	1.00	LANL Int BG LVL	7.78	2.1	0.066	mg/L	1	J+		I6b	EPA:300.0	GELC	
C2	1	1	03/23/11	0.987	0.987	0.987	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Perchlorate	ClO4	0.987	1.00	LANL Int BG LVL	0.05	19.7	0.1	ug/L	2				SW-846:6850	GELC	An unusually high result for this area
C2	1	1	03/23/11	9.17	9.17	9.17	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Magnesium	Mg	9.17	1.00	LANL Int BG LVL	6.12	1.5	0.11	mg/L	1				SW-846:6010B	GELC	
C2	1	1	03/23/11	3.88	3.88	3.88	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	3.88	1.00	LANL Int BG LVL	2.41	1.6	0.05	mg/L	5				EPA:353.2	GELC	An unusually high result for this area
C2	1	1	03/23/11	13.1	13.1	13.1	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Sodium	Na	13.1	1.00	LANL Int BG LVL	12.19	1.1	0.1	mg/L	1				SW-846:6010B	GELC	
C2	1	1	03/23/11	218	218	218	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	GENINORG	Total Dissolved Solids	TDS	218	1.00	LANL Int BG LVL	127	1.7	2.4	mg/L	1				EPA:160.1	GELC	
C2	1	1	03/23/11	16.8	16.8	16.8	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Boron	B	16.8	1.00	LANL Int BG LVL	15.12	1.1	15	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	03/23/11	1.26	1.26	1.26	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Cobalt	Co	1.26	1.00	LANL Int BG LVL	0.5	2.5	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	03/23/11	3.81	3.81	3.81	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Chromium	Cr	3.81	1.00	LANL Int BG LVL	1	3.8	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated
C2	1	1	03/23/11	435	435	435	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Manganese	Mn	435	1.00	LANL Int BG LVL	2	217.5	2	ug/L	1				SW-846:6010B	GELC	New well, first result
C2	1	1	03/23/11	7.76	7.76	7.76	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Molybdenum	Mo	7.76	1.00	LANL Int BG LVL	2	3.9	0.17	ug/L	1				SW-846:6020	GELC	
C2	1	1	03/23/11	3.86	3.86	3.86	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Nickel	Ni	3.86	1.00	LANL Int BG LVL	1	3.9	0.5	ug/L	1				SW-846:6020	GELC	
C2	1	1	03/23/11	166	166	166	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Strontium	Sr	166	1.00	LANL Int BG LVL	154.76	1.1	1	ug/L	1				SW-846:6010B	GELC	
C2	1	1	03/23/11	1.12	1.12	1.12	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Uranium	U	1.12	1.00	LANL Int BG LVL	0.72	1.6	0.067	ug/L	1				SW-846:6020	GELC	
C2	1	1	03/23/11	10.4	10.4	10.4	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Zinc	Zn	10.4	1.00	LANL Int BG LVL	2	5.2	3.3	ug/L	1				SW-846:6010B	GELC	
C2	34	37	03/23/00	0.584	5.43	1.1	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02658	1.9	04/07/11		F	CS	METALS	Chromium	Cr	5.43	4.94	LANL Avl BG LVL	1	5.4	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated, most results since 2000 are ND
C2	6	8	01/05/09	0.0714	0.0714	0.0714	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	04/07/11		F	CS	GENINORG	Bromide	Br(-1)	0.0714	1.00	LANL Int BG LVL	0.03	2.4	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	3	3	09/18/10	0.617	1.19	0.904	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	1110	03/31/11		F	CS	METALS	Nickel	Ni	1.19	1.32	LANL Int BG LVL	1	1.2	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	3	3	09/18/10	10	10	10	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	1110	03/31/11		F	CS	METALS	Zinc	Zn	10	1.00	LANL Int BG LVL	2	5.0	3.3	ug/L	1				SW-846:6010B	GELC	
C2	11	16	12/15/05	0.0747	0.08	0.0774	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	03/30/11		F	CS	GENINORG	Bromide	Br(-1)	0.0747	0.97	LANL Int BG LVL	0.03	2.5	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	5	6	12/21/09	0.0627	0.15	0.1064	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-47i	840	04/07/11		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.15	1.41	LANL Int BG LVL	0.08	1.9	0.015	mg/L	1				EPA:365.4	GELC	
C2	1	1	04/12/11	0.544	0.544	0.544	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	R-63	1325	04/12/11		UF	CS	GENINORG	Total Organic Carbon	TOC	0.544	1.00	LANL Reg BG LVL	0.33	1.7	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	1	1	04/12/11	5.72	5.72	5.72	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	R-63	1325	04/12/11		F	CS	METALS	Manganese	Mn	5.72	1.00	LANL Reg BG LVL	2.94	2.0	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	4	04/12/11	0.546	1.03	0.741	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	04/12/11		F	CS	GENINORG	Total Organic Carbon	TOC	0.606	0.82	LANL Reg BG LVL	0.46	1.3	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	1	4	04/12/11	0.546	1.03	0.741	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	04/12/11		F	CS	GENINORG	Total Organic Carbon	TOC	0.546	0.74	LANL Reg BG LVL	0.46	1.2	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	1	4	04/12/11	0.546	1.03	0.741	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	04/12/11		F	CS	GENINORG	Total Organic Carbon	TOC	0.875	1.18	LANL Reg BG LVL	0.46	1.9	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	

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	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C2	1	4	04/12/11	0.546	1.03	0.741	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	04/12/11		F	CS	GENINORG	Total Organic Carbon	TOC	1.03	1.39	LANL Reg BG LVL	0.46	2.2	0.33	mg/L	1				SW-846:9060	GELC	
C2	10	10	08/24/05	0.034	0.123	0.079	2	Ancho Canyon	Regional	Test Well DT-5A	1172	03/29/11		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.123	1.56	LANL Reg BG LVL	0.05	2.5	0.016	mg/L	1	J	I4a	EPA:350.1	GELC		
C3	10	13	02/23/04	1.5	5.34	2.46	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		UF	CS	METALS	Arsenic	As	5.34	2.17	EPA MCL	10	1.1	1.7	ug/L	1				SW-846:6020	GELC	most prior results ND
C3	11	12	04/26/05	3.24	10.2	6.72	2	Pueblo Canyon (includes Acid Canyon)	Regional	R-2	918	03/09/11	FD	F	CS	METALS	Arsenic	As	10.2	1.52	EPA MCL	10	2.0	1.7	ug/L	1				SW-846:6020	GELC	Primary value is 3.2 ug/L (J), UF results were 2.9 and 4.7 ug/L.; prior are ND
C3	8	11	11/14/01	3.55	5.2	4.38	2	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	860.9	03/09/11		F	CS	METALS	Arsenic	As	5.2	1.19	EPA MCL	10	1.0	1.7	ug/L	1				SW-846:6020	GELC	most prior results ND
C3	7	7	07/31/06	44	126	54	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.3	5.9	03/07/11		F	CS	GENINORG	Chloride	Cl(-1)	126	2.33	NM GW STD	250	1.0	0.66	mg/L	10				EPA:300.0	GELC	96 mg/L in 7/09
C3	7	7	08/03/06	54.4	180	67.3	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	03/08/11		F	CS	GENINORG	Chloride	Cl(-1)	180	2.67	NM GW STD	250	1.4	1.3	mg/L	20				EPA:300.0	GELC	82 mg/L in 7/09
C3	13	21	06/26/00	0.227	0.961	0.646	21	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11		F	CS	GENINORG	Fluoride	F(-1)	0.953	1.48	NM GW STD	1.6	1.2	0.033	mg/L	1				EPA:300.0	GELC	Highest since 1995, 0.93 mg/L in 2002
C3	13	21	06/26/00	0.227	0.961	0.646	21	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	GENINORG	Fluoride	F(-1)	0.961	1.49	NM GW STD	1.6	1.2	0.033	mg/L	1				EPA:300.0	GELC	Highest since 1995, 0.93 mg/L in 2002
C3	12	17	05/09/06	1.6	5.31	2.8	3	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	03/10/11		UF	CS	METALS	Arsenic	As	5.31	1.90	EPA MCL	10	1.1	1.7	ug/L	1				SW-846:6020	GELC	F result was ND, most prior results ND
C3	8	8	09/15/00	703	1700	970	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	03/18/11		F	CS	METALS	Iron	Fe	1110	1.14	NM GW STD	1000	2.2	30	ug/L	1				SW-846:6010B	GELC	Several values in this range in 2000-01, UF result was 32 ug/L, F Zn and Mn also higher than UF
C3	1	1	03/23/11	435	435	435	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Manganese	Mn	435	1.00	NM GW STD	200	4.4	2	ug/L	1				SW-846:6010B	GELC	New well, first result
C5	14	15	06/17/00	31	69.6	41.7	15	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	03/17/11		F	CS	GENINORG	Sodium	Na	58.9	1.41	LANL Avl BG LVL	15.54	1.9	0.1	mg/L	1				SW-846:6010B	GELC	
C5	14	20	07/26/00	51.4	82.2	69.8	20	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	GENINORG	Sodium	Na	59	0.85	LANL Avl BG LVL	15.54	1.9	0.1	mg/L	1				SW-846:6010B	GELC	
C5	14	20	07/26/00	1.28	6.93	2.8	20	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	2.45	0.88	LANL Avl BG LVL	0.05	24.5	0.015	mg/L	1				EPA:365.4	GELC	
C5	13	22	07/26/00	286	419	383	22	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	GENINORG	Total Dissolved Solids	TDS	302	0.79	LANL Avl BG LVL	139	1.1	2.4	mg/L	1				EPA:160.1	GELC	
C5	13	19	07/26/00	245	419	325	19	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	METALS	Boron	B	245	0.75	LANL Avl BG LVL	51.89	2.4	15	ug/L	1				SW-846:6010B	GELC	
C5	14	20	07/26/00	1.1	7.3	4.7	15	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	METALS	Cobalt	Co	1.23	0.26	LANL Avl BG LVL	0.5	1.2	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	14	20	07/26/00	9.26	5660	1315	20	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	METALS	Manganese	Mn	9.26	0.01	LANL Avl BG LVL	2	2.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	14	20	07/26/00	3.04	11.4	5.7	17	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	METALS	Nickel	Ni	3.04	0.53	LANL Avl BG LVL	1	1.5	0.5	ug/L	1				SW-846:6020	GELC	
C5	14	20	07/26/00	2	12.4	5.2	19	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	METALS	Vanadium	V	12.4	2.38	LANL Avl BG LVL	1	6.2	1	ug/L	1				SW-846:6010B	GELC	
C5	14	20	07/26/00	6.3	23.00000004	10.46	16	Pueblo Canyon (includes Acid Canyon)	Alluvial	APCO-1	4.7	03/16/11		F	CS	METALS	Zinc	Zn	17.2	1.64	LANL Avl BG LVL	2	4.3	3.3	ug/L	1				SW-846:6010B	GELC	
C5	4	5	04/29/10	0.0931	0.148	0.11	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11	FD	F	CS	GENINORG	Bromide	Br(-1)	0.131	1.19	LANL Int BG LVL	0.03	2.2	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	4	5	04/29/10	0.0931	0.148	0.11	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11		F	CS	GENINORG	Bromide	Br(-1)	0.0931	0.85	LANL Int BG LVL	0.03	1.6	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	4	5	04/29/10	36.9	38.6	38.1	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11		F	CS	GENINORG	Calcium	Ca	38.1	1.00	LANL Int BG LVL	17.31	1.1	0.05	mg/L	1				SW-846:6010B	GELC	
C5	4	5	04/29/10	36.9	38.6	38.1	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11	FD	F	CS	GENINORG	Calcium	Ca	38.6	1.01	LANL Int BG LVL	17.31	1.1	0.05	mg/L	1				SW-846:6010B	GELC	
C5	4	5	04/29/10	44.2	48.2	46.5	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11		F	CS	GENINORG	Chloride	Cl(-1)	47.8	1.03	LANL Int BG LVL	7.78	3.1	0.33	mg/L	5	J+		I6b	EPA:300.0	GELC	
C5	4	5	04/29/10	44.2	48.2	46.5	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11	FD	F	CS	GENINORG	Chloride	Cl(-1)	48.2	1.04	LANL Int BG LVL	7.78	3.1	0.33	mg/L	5		J+	I6b	EPA:300.0	GELC	
C5	4	5	04/29/10	0.489	0.565	0.515	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11		F	CS	GENINORG	Perchlorate	ClO4	0.515	1.00	LANL Int BG LVL	0.05	5.2	0.05	ug/L	1				SW-846:6850	GELC	
C5	4	5	04/29/10	0.489	0.565	0.515	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11	FD	F	CS	GENINORG	Perchlorate	ClO4	0.489	0.95	LANL Int BG LVL	0.05	4.9	0.05	ug/L	1				SW-846:6850	GELC	
C5	4	5	04/29/10	285	299	292	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	292	1.00	LANL Int BG LVL	127	1.2	2.4	mg/L	1				EPA:160.1	GELC	
C5	4	5	04/29/10	285	299	292	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11		F	CS	GENINORG	Total Dissolved Solids	TDS	299	1.02	LANL Int BG LVL	127	1.2	2.4	mg/L	1				EPA:160.1	GELC	
C5	4	5	04/29/10	177	195	182	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11		F	CS	METALS	Boron	B	193	1.06	LANL Int BG LVL	15.12	6.4	15	ug/L	1				SW-846:6010B	GELC	
C5	4	5	04/29/10	177	195	182	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11	FD	F	CS	METALS	Boron	B	195	1.07	LANL Int BG LVL	15.12	6.5	15	ug/L	1				SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	4	5	04/29/10	2.78	3.61	3.38	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11	FD	F	CS	METALS	Nickel	Ni	3.61	1.07	LANL Int BG LVL	1	1.8	0.5	ug/L	1				SW-846:6020	GELC	
C5	4	5	04/29/10	2.78	3.61	3.38	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	03/14/11		F	CS	METALS	Nickel	Ni	3.46	1.02	LANL Int BG LVL	1	1.7	0.5	ug/L	1				SW-846:6020	GELC	
C5	10	12	02/23/04	0.088	0.152	0.125	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		F	CS	GENINORG	Bromide	Br(-1)	0.152	1.22	LANL Int BG LVL	0.03	2.5	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	7	7	07/25/06	1.24	1.65	1.33	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		F	CS	GENINORG	Perchlorate	ClO4	1.25	0.94	LANL Int BG LVL	0.05	12.5	0.1	ug/L	2				SW-846:6850	GELC	
C5	10	12	02/23/04	1.02	1.13	1.06	12	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		F	CS	GENINORG	Fluoride	F(-1)	1.03	0.97	LANL Int BG LVL	0.23	2.2	0.033	mg/L	1				EPA:300.0	GELC	
C5	9	11	02/23/04	187	204	196	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		F	CS	METALS	Barium	Ba	193	0.98	LANL Int BG LVL	71.83	1.3	1	ug/L	1				SW-846:6010B	GELC	
C5	9	11	02/23/04	3.7	8.22	4.46	10	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		F	CS	METALS	Chromium	Cr	8.22	1.84	LANL Int BG LVL	1	4.1	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated
C5	9	11	02/23/04	2.6	2.9	2.8	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-5	383.9	03/09/11		F	CS	METALS	Uranium	U	2.61	0.93	LANL Int BG LVL	0.72	1.8	0.067	ug/L	1				SW-846:6020	GELC	
C5	9	11	08/10/06	150	162	157	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	154	0.98	LANL Int BG LVL	52	1.5	0.73	mg/L	1				EPA:310.1	GELC	
C5	8	9	08/10/06	54.8	59.1	57.8	9	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	GENINORG	Calcium	Ca	58.1	1.01	LANL Int BG LVL	17.31	1.7	0.05	mg/L	1				SW-846:6010B	GELC	
C5	9	11	08/10/06	34.4	41.4	36.7	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	GENINORG	Chloride	Cl(-1)	41.4	1.13	LANL Int BG LVL	7.78	2.7	1.3	mg/L	20		J+	l6b	EPA:300.0	GELC	
C5	9	11	08/10/06	0.104	3.45	2.6	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	GENINORG	Perchlorate	ClO4	2.41	0.93	LANL Int BG LVL	0.05	24.1	0.25	ug/L	5				SW-846:6850	GELC	
C5	8	9	08/10/06	15.1	16.4	15.5	9	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	GENINORG	Magnesium	Mg	16.4	1.06	LANL Int BG LVL	6.12	1.3	0.11	mg/L	1				SW-846:6010B	GELC	
C5	9	11	08/10/06	251	437	319	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	GENINORG	Total Dissolved Solids	TDS	319	1.00	LANL Int BG LVL	127	1.3	2.4	mg/L	1				EPA:160.1	GELC	
C5	8	9	08/10/06	84.6	119	95.3	9	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	METALS	Boron	B	94	0.99	LANL Int BG LVL	15.12	3.1	15	ug/L	1				SW-846:6010B	GELC	
C5	8	9	08/10/06	8	9.7	8.9	9	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	METALS	Nickel	Ni	9.54	1.07	LANL Int BG LVL	1	4.8	0.5	ug/L	1		J	l4a	SW-846:6020	GELC	
C5	8	9	08/10/06	7.8	10.2	9.5	9	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	METALS	Uranium	U	9.71	1.02	LANL Int BG LVL	0.72	6.7	0.067	ug/L	1				SW-846:6020	GELC	
C5	8	9	08/10/06	4.93	85.1	43.3	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	03/22/11		F	CS	METALS	Zinc	Zn	4.93	0.11	LANL Int BG LVL	2	1.2	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	8	8	08/08/06	151	296	174	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	164	0.94	LANL Int BG LVL	52	1.6	0.73	mg/L	1				EPA:310.1	GELC	
C5	7	7	08/08/06	47.1	53	48.4	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	GENINORG	Calcium	Ca	48.4	1.00	LANL Int BG LVL	17.31	1.4	0.05	mg/L	1				SW-846:6010B	GELC	
C5	8	8	08/08/06	42.5	48.9	45.2	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	GENINORG	Chloride	Cl(-1)	48.9	1.08	LANL Int BG LVL	7.78	3.1	0.33	mg/L	5				EPA:300.0	GELC	
C5	8	8	08/08/06	0.234	0.372	0.298	8	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	GENINORG	Perchlorate	ClO4	0.37	1.24	LANL Int BG LVL	0.05	3.7	0.05	ug/L	1				SW-846:6850	GELC	
C5	7	7	08/08/06	12.1	13.2	12.4	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	GENINORG	Magnesium	Mg	12.3	0.99	LANL Int BG LVL	6.12	1.0	0.11	mg/L	1				SW-846:6010B	GELC	
C5	7	7	08/08/06	42.6	53	46.2	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	GENINORG	Sodium	Na	44.9	0.97	LANL Int BG LVL	12.19	1.8	0.1	mg/L	1				SW-846:6010B	GELC	
C5	9	9	05/07/05	0.032	1.4	1.14	9	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	1.2	1.05	LANL Int BG LVL	0.08	7.5	0.015	mg/L	1				EPA:365.4	GELC	
C5	14	18	07/19/00	329	393	362	18	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	GENINORG	Total Dissolved Solids	TDS	372	1.03	LANL Int BG LVL	127	1.5	2.4	mg/L	1				EPA:160.1	GELC	
C5	7	7	08/08/06	223	250	235	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	METALS	Boron	B	250	1.06	LANL Int BG LVL	15.12	8.3	15	ug/L	1				SW-846:6010B	GELC	
C5	7	7	08/08/06	1.1	2.1	1.7	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	METALS	Cobalt	Co	1.76	1.04	LANL Int BG LVL	0.5	1.8	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	7	7	08/08/06	9.89	11.4	10.1	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	METALS	Nickel	Ni	9.89	0.98	LANL Int BG LVL	1	5.0	0.5	ug/L	1				SW-846:6020	GELC	
C5	7	7	08/08/06	2.38	3.6	3	7	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	03/11/11		F	CS	METALS	Uranium	U	2.38	0.79	LANL Int BG LVL	0.72	1.7	0.067	ug/L	1				SW-846:6020	GELC	
C5	11	12	04/26/05	2.3	35.2	12.2	12	Pueblo Canyon (includes Acid Canyon)	Regional	R-2	918	03/09/11		F	CS	METALS	Manganese	Mn	11.7	0.96	LANL Reg BG LVL	2.94	2.0	2	ug/L	1				SW-846:6010B	GELC	
C5	11	12	04/26/05	2.3	35.2	12.2	12	Pueblo Canyon (includes Acid Canyon)	Regional	R-2	918	03/09/11	FD	F	CS	METALS	Manganese	Mn	11.8	0.97	LANL Reg BG LVL	2.94	2.0	2	ug/L	1				SW-846:6010B	GELC	
C5	8	13	07/25/06	2.54	5.17	4.5	13	Pueblo Canyon (includes Acid Canyon)	Regional	R-4	792.9	03/16/11		F	CS	GENINORG	Perchlorate	ClO4	4.5	1.00	LANL Reg BG LVL	0.46	4.9	0.5	ug/L	10				SW-846:6850	GELC	
C5	11	13	11/14/01	7.38	8.97999542	7.91	13	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	718.6	03/10/11		F	CS	GENINORG	Chloride	Cl(-1)	7.95	1.01	LANL Reg BG LVL	3.57	1.1	0.066	mg/L	1				EPA:300.0	GELC	
C5	7	7	07/26/06	1.19	1.36	1.2	7	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	718.6	03/10/11		F	CS	GENINORG	Perchlorate	ClO4	1.25	1.04	LANL Reg BG LVL	0.46	1.4	0.1	ug/L	2				SW-846:6850	GELC	
C5	12	13	11/14/01	1.79	2.44	2.09	13	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	718.6	03/10/11		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.98	0.95	LANL Reg BG LVL	0.89	1.1	0.05	mg/L	5				EPA:353.2	GELC	

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	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	11	13	11/14/01	15.5	17.2	16.3	13	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	718.6	03/10/11		F	CS	GENINORG	Sulfate	SO4(-2)	16.8	1.03	LANL Reg BG LVL	7.2	1.2	0.1	mg/L	1			EPA:300.0	GELC		
C5	8	11	11/14/01	6.34	2570	382	11	Pueblo Canyon (includes Acid Canyon)	Regional	R-5	860.9	03/09/11		F	CS	METALS	Manganese	Mn	6.34	0.02	LANL Reg BG LVL	2.94	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	5	5	07/31/06	44.2	73.9	53.4	5	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.3	5.9	03/07/11		F	CS	GENINORG	Sodium	Na	73.9	1.38	LANL Avl BG LVL	15.54	2.4	0.1	mg/L	1		J+	I2b	SW-846:6010B	GELC	
C5	5	5	08/03/06	49.6	99.3	60.7	5	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	03/08/11		F	CS	GENINORG	Sodium	Na	99.3	1.64	LANL Avl BG LVL	15.54	3.2	0.1	mg/L	1				SW-846:6010B	GELC	
C5	13	13	04/02/01	37.8	506	160	13	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	GENINORG	Chloride	Cl(-1)	341	2.13	LANL Avl BG LVL	69.76	2.4	3.3	mg/L	50		J+	I6b	EPA:300.0	GELC	506 mg/L in 4/07
C5	10	10	04/02/01	59	199	129	10	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	GENINORG	Sodium	Na	179	1.39	LANL Avl BG LVL	15.54	5.8	0.1	mg/L	1				SW-846:6010B	GELC	
C5	8	9	05/03/05	395	1160	535	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	GENINORG	Total Dissolved Solids	TDS	798	1.49	LANL Avl BG LVL	139	2.9	2.4	mg/L	1				EPA:160.1	GELC	
C5	10	10	04/02/01	97.69999695	309	154.5	10	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	METALS	Barium	Ba	309	2.00	LANL Avl BG LVL	68.57	2.3	1	ug/L	1				SW-846:6010B	GELC	Related to road salt?
C5	10	10	04/02/01	2.269999981	2530	523.5	8	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	METALS	Manganese	Mn	2530	4.83	LANL Avl BG LVL	2	632.5	2	ug/L	1				SW-846:6010B	GELC	Values since 2008 near 2000 ug/L. Turb was 1.5 NTU
C5	10	10	04/02/01	2.5	6.63	6.07	6	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	METALS	Nickel	Ni	6.63	1.09	LANL Avl BG LVL	1	3.3	0.5	ug/L	1				SW-846:6020	GELC	
C5	7	11	08/01/06	0.215	2.57	0.818	11	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	GENINORG	Bromide	Br(-1)	0.555	0.68	LANL Avl BG LVL	0.07	4.0	0.066	mg/L	1				EPA:300.0	GELC	
C5	7	11	08/01/06	0.215	2.57	0.818	11	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11		F	CS	GENINORG	Bromide	Br(-1)	0.561	0.69	LANL Avl BG LVL	0.07	4.0	0.066	mg/L	1				EPA:300.0	GELC	
C5	7	11	08/01/06	0.229	0.614	0.434	11	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11		F	CS	GENINORG	Perchlorate	ClO4	0.585	1.35	LANL Avl BG LVL	0.05	5.9	0.05	ug/L	1				SW-846:6850	GELC	
C5	7	11	08/01/06	0.229	0.614	0.434	11	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	GENINORG	Perchlorate	ClO4	0.575	1.32	LANL Avl BG LVL	0.05	5.8	0.05	ug/L	1				SW-846:6850	GELC	
C5	13	21	06/26/00	0.227	0.961	0.646	21	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11		F	CS	GENINORG	Fluoride	F(-1)	0.953	1.48	LANL Avl BG LVL	0.27	1.8	0.033	mg/L	1				EPA:300.0	GELC	Highest since 1995, 0.93 mg/L in 2002
C5	13	21	06/26/00	0.227	0.961	0.646	21	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	GENINORG	Fluoride	F(-1)	0.961	1.49	LANL Avl BG LVL	0.27	1.8	0.033	mg/L	1				EPA:300.0	GELC	Highest since 1995, 0.93 mg/L in 2002
C5	11	16	06/26/00	29.2840004	60	42.8	16	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	GENINORG	Sodium	Na	39.9	0.93	LANL Avl BG LVL	15.54	1.3	0.1	mg/L	1				SW-846:6010B	GELC	
C5	11	16	06/26/00	29.2840004	60	42.8	16	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11		F	CS	GENINORG	Sodium	Na	40.6	0.95	LANL Avl BG LVL	15.54	1.3	0.1	mg/L	1				SW-846:6010B	GELC	
C5	10	15	06/26/00	2	12.0000001	2.8	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	METALS	Chromium	Cr	2.81	1.00	LANL Avl BG LVL	1	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated
C5	10	15	06/26/00	2	12.0000001	2.8	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11		F	CS	METALS	Chromium	Cr	2.56	0.91	LANL Avl BG LVL	1	1.3	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated
C5	10	15	06/26/00	170	2470	350	15	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11		F	CS	METALS	Molybdenum	Mo	240	0.69	LANL Avl BG LVL	2	60.0	0.17	ug/L	1				SW-846:6020	GELC	
C5	10	15	06/26/00	170	2470	350	15	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	METALS	Molybdenum	Mo	244	0.70	LANL Avl BG LVL	2	61.0	0.17	ug/L	1				SW-846:6020	GELC	
C5	10	15	06/26/00	2.6	3.7	2.9	12	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11	FD	F	CS	METALS	Vanadium	V	3.62	1.25	LANL Avl BG LVL	1	1.8	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	10	15	06/26/00	2.6	3.7	2.9	12	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	03/11/11		F	CS	METALS	Vanadium	V	3.67	1.27	LANL Avl BG LVL	1	1.8	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	9	9	08/04/06	0.167	0.237	0.197	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	03/08/11		F	CS	GENINORG	Perchlorate	ClO4	0.237	1.20	LANL Int BG LVL	0.05	2.4	0.05	ug/L	1		J+	PE12f	SW-846:6850	GELC	
C5	8	8	04/26/07	0.13	0.161	0.138	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LADP-3	316	03/07/11		F	CS	GENINORG	Perchlorate	ClO4	0.141	1.02	LANL Int BG LVL	0.05	1.4	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C5	14	17	08/24/05	15.7	18	16.7	17	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	03/17/11		F	CS	GENINORG	Chloride	Cl(-1)	16.8	1.01	LANL Int BG LVL	7.78	1.1	0.066	mg/L	1		J+	I6b	EPA:300.0	GELC	
C5	10	13	07/26/06	6.17	8.32	7	13	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	03/17/11		F	CS	GENINORG	Perchlorate	ClO4	6.38	0.91	LANL Int BG LVL	0.05	63.8	0.5	ug/L	10				SW-846:6850	GELC	
C5	14	17	08/24/05	0.575	0.899	0.654	17	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	03/17/11		F	CS	GENINORG	Fluoride	F(-1)	0.662	1.01	LANL Int BG LVL	0.23	1.4	0.033	mg/L	1				EPA:300.0	GELC	
C5	6	9	05/21/09	0.894	1.79	1.38	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11		F	CS	GENINORG	Bromide	Br(-1)	1.79	1.30	LANL Int BG LVL	0.03	29.8	0.066	mg/L	1				EPA:300.0	GELC	
C5	6	9	05/21/09	0.894	1.79	1.38	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11	FD	F	CS	GENINORG	Bromide	Br(-1)	1.75	1.27	LANL Int BG LVL	0.03	29.2	0.066	mg/L	1				EPA:300.0	GELC	
C5	6	9	05/21/09	25.3	31	26.5	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11	FD	F	CS	GENINORG	Chloride	Cl(-1)	29.2	1.10	LANL Int BG LVL	7.78	1.9	0.33	mg/L	5				EPA:300.0	GELC	
C5	6	9	05/21/09	25.3	31	26.5	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11		F	CS	GENINORG	Chloride	Cl(-1)	29.2	1.10	LANL Int BG LVL	7.78	1.9	0.33	mg/L	5				EPA:300.0	GELC	
C5	6	9	05/21/09	0.582	0.68	0.645	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11		F	CS	GENINORG	Perchlorate	ClO4	0.632	0.98	LANL Int BG LVL	0.05	6.3	0.05	ug/L	1				SW-846:6850	GELC	
C5	6	9	05/21/09	0.582	0.68	0.645	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11	FD	F	CS	GENINORG	Perchlorate	ClO4	0.655	1.02	LANL Int BG LVL	0.05	6.6	0.05	ug/L	1				SW-846:6850	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	6	9	05/21/09	4.22	9.68	6.09	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11		F	CS	METALS	Manganese	Mn	4.58	0.75	LANL Int BG LVL	2	1.2	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	6	9	05/21/09	4.22	9.68	6.09	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11	FD	F	CS	METALS	Manganese	Mn	4.22	0.69	LANL Int BG LVL	2	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	6	9	05/21/09	76.9	107	90.5	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11	FD	F	CS	METALS	Molybdenum	Mo	105	1.16	LANL Int BG LVL	2	26.3	0.17	ug/L	1				SW-846:6020	GELC	
C5	6	9	05/21/09	76.9	107	90.5	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11		F	CS	METALS	Molybdenum	Mo	107	1.18	LANL Int BG LVL	2	26.8	0.17	ug/L	1				SW-846:6020	GELC	
C5	6	9	05/21/09	11	21.9	12.4	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11		F	CS	METALS	Nickel	Ni	12.4	1.00	LANL Int BG LVL	1	6.2	0.5	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	6	9	05/21/09	11	21.9	12.4	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	03/18/11	FD	F	CS	METALS	Nickel	Ni	11.4	0.92	LANL Int BG LVL	1	5.7	0.5	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	11	11	07/25/06	3.01	7.3	4.62	11	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	03/22/11		F	CS	GENINORG	Perchlorate	ClO4	5.32	1.15	LANL Int BG LVL	0.05	53.2	0.5	ug/L	10				SW-846:6850	GELC	
C5	11	11	11/15/05	7.02	380	12.4	11	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	03/22/11		F	CS	METALS	Manganese	Mn	9.63	0.78	LANL Int BG LVL	2	2.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	12	12	07/26/06	0.162	0.454	0.243	12	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	03/22/11		F	CS	GENINORG	Bromide	Br(-1)	0.454	1.87	LANL Int BG LVL	0.03	7.6	0.066	mg/L	1				EPA:300.0	GELC	
C5	12	12	07/26/06	19.1	23.4	20.2	12	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	03/22/11		F	CS	GENINORG	Chloride	Cl(-1)	23.4	1.16	LANL Int BG LVL	7.78	1.5	0.13	mg/L	2		J+	I6b	EPA:300.0	GELC	
C5	12	12	07/26/06	2.82	4.65	3.3	12	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	03/22/11		F	CS	GENINORG	Perchlorate	ClO4	2.82	0.85	LANL Int BG LVL	0.05	28.2	0.25	ug/L	5				SW-846:6850	GELC	
C5	11	11	07/26/06	2.14	5.6	3.13	10	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	03/22/11		F	CS	METALS	Chromium	Cr	2.14	0.68	LANL Int BG LVL	1	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	result is estimated
C5	11	11	07/26/06	1.1	1.95	1.5	11	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	03/22/11		F	CS	METALS	Uranium	U	1.82	1.21	LANL Int BG LVL	0.72	1.3	0.067	ug/L	1				SW-846:6020	GELC	
C5	13	18	05/09/06	0.088	0.242	0.142	12	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	03/10/11		F	CS	GENINORG	Bromide	Br(-1)	0.135	0.95	LANL Int BG LVL	0.03	2.3	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	13	18	05/09/06	18.4	38.3	19.5	18	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	03/10/11		F	CS	GENINORG	Chloride	Cl(-1)	28	1.44	LANL Int BG LVL	7.78	1.8	0.13	mg/L	2				EPA:300.0	GELC	
C5	13	17	05/09/06	0.522	0.877	0.757	17	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	03/10/11		F	CS	GENINORG	Perchlorate	ClO4	0.756	1.00	LANL Int BG LVL	0.05	7.6	0.05	ug/L	1				SW-846:6850	GELC	
C5	12	17	05/09/06	2	12.6	5	16	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	03/10/11		F	CS	METALS	Manganese	Mn	6.31	1.26	LANL Int BG LVL	2	1.6	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	12	17	05/09/06	3.1	15.1	7	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	03/10/11		F	CS	METALS	Zinc	Zn	4.98	0.71	LANL Int BG LVL	2	1.3	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	10	11	09/14/00	0.147	0.181	0.153	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	03/17/11		F	CS	GENINORG	Bromide	Br(-1)	0.147	0.96	LANL Int BG LVL	0.03	2.5	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	8	8	09/14/00	41	1000	382	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	03/17/11		F	CS	METALS	Manganese	Mn	160	0.42	LANL Int BG LVL	2	40.0	2	ug/L	1				SW-846:6010B	GELC	
C5	8	8	09/14/00	11	21	15	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	03/17/11		F	CS	METALS	Molybdenum	Mo	11	0.73	LANL Int BG LVL	2	2.8	0.17	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	8	8	09/14/00	37.2	140	113.5	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	03/17/11		F	CS	METALS	Nickel	Ni	117	1.03	LANL Int BG LVL	1	58.5	0.5	ug/L	1				SW-846:6020	GELC	
C5	6	6	09/02/08	2.01	2.37	2.21	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	03/18/11		F	CS	GENINORG	Perchlorate	ClO4	2.34	1.06	LANL Int BG LVL	0.05	23.4	0.25	ug/L	5				SW-846:6850	GELC	
C5	8	8	09/15/00	4.53	580	253.3	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	03/18/11		F	CS	METALS	Manganese	Mn	9.42	0.04	LANL Int BG LVL	2	2.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	8	8	09/15/00	5.04	110	8.65	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	03/18/11		F	CS	METALS	Nickel	Ni	5.04	0.58	LANL Int BG LVL	1	2.5	0.5	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	8	9	09/15/00	0.02	1.72	0.78	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	03/18/11		F	CS	METALS	Uranium	U	1.54	1.97	LANL Int BG LVL	0.72	1.1	0.067	ug/L	1				SW-846:6020	GELC	
C5	8	8	02/20/04	119	191	161	8	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-8	825	03/16/11		F	CS	METALS	Barium	Ba	164	1.02	LANL Reg BG LVL	56.83	1.4	1	ug/L	1				SW-846:6010B	GELC	
C5	8	13	07/31/06	0.884	1.25	0.955	13	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	03/07/11		F	CS	GENINORG	Perchlorate	ClO4	1.25	1.31	LANL Reg BG LVL	0.46	1.4	0.1	ug/L	2				SW-846:6850	GELC	
C5	11	16	02/28/00	99	209	186	16	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	03/07/11		F	CS	METALS	Barium	Ba	187	1.01	LANL Reg BG LVL	56.83	1.7	1	ug/L	1				SW-846:6010B	GELC	
C5	11	14	11/15/05	6.96	7.59	7.31	14	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Regional	R-24	825	03/11/11		F	CS	GENINORG	Chloride	Cl(-1)	7.57	1.04	LANL Reg BG LVL	3.57	1.1	0.066	mg/L	1				EPA:300.0	GELC	
C5	10	13	11/15/05	10.1	33.1	17.3	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Regional	R-24	825	03/11/11		F	CS	METALS	Zinc	Zn	14	0.81	LANL Reg BG LVL	3.89	1.8	3.3	ug/L	1				SW-846:6010B	GELC	
C5	21	23	11/30/05	6.7	111	8.9	22	Sandia Canyon	Regional	R-10a	690	02/15/11		F	CS	METALS	Zinc	Zn	7.85	0.88	LANL Reg BG LVL	3.89	1.0	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	35	40	03/23/00	2030	5150	3180	39	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02656	3	04/08/11		F	CS	METALS	Barium	Ba	2680	0.84	LANL Avi BG LVL	68.57	19.5	1	ug/L	1				SW-846:6010B	GELC	
C5	34	37	03/23/00	5540	13000	9640	37	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02658	1.9	04/07/11		F	CS	METALS	Barium	Ba	5540	0.57	LANL Avi BG LVL	68.57	40.4	1	ug/L	1				SW-846:6010B	GELC	
C5	36	43	03/28/00	4580	8440	6330	43	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02659	1.7	04/06/11	FD	F	CS	METALS	Barium	Ba	4860	0.77	LANL Avi BG LVL	68.57	35.4	1	ug/L	1				SW-846:6010B	GELC	
C5	36	43	03/28/00	4580	8440	6330	43	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02659	1.7	04/06/11		F	CS	METALS	Barium	Ba	4940	0.78	LANL Avi BG LVL	68.57	36.0	1	ug/L	1				SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Flt QC Type Code	Flt Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment	
C5	16	16	11/14/00	149	502	303	16	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06294	2.5	03/30/11		F	CS	METALS	Boron	B	247	0.82	LANL Avl BG LVL	51.89	2.4	15	ug/L	1				SW-846:6010B	GELC		
C5	20	20	11/14/00	123	283	197	18	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06294	2.5	03/30/11		F	CS	METALS	Barium	Ba	217	1.10	LANL Avl BG LVL	68.57	1.6	1	ug/L	1					SW-846:6010B	GELC	
C5	20	20	11/14/00	11.2	1300	228.5	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06294	2.5	03/30/11		F	CS	METALS	Manganese	Mn	11.2	0.05	LANL Avl BG LVL	2	2.8	2	ug/L	1					SW-846:6010B	GELC	
C5	20	20	11/14/00	2.17	7.5	3.7	15	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06294	2.5	03/30/11		F	CS	METALS	Nickel	Ni	2.17	0.59	LANL Avl BG LVL	1	1.1	0.5	ug/L	1					SW-846:6020	GELC	
C5	20	20	11/14/00	0.26	3.12	1.12	10	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06294	2.5	03/30/11		F	CS	METALS	Lead	Pb	1.1	0.98	LANL Avl BG LVL	0.5	1.1	0.5	ug/L	1	J	J	J_LAB		SW-846:6020	GELC	
C5	20	20	11/14/00	1.6	14.8	4.6	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06294	2.5	03/30/11		F	CS	METALS	Vanadium	V	4.43	0.96	LANL Avl BG LVL	1	2.2	1	ug/L	1	J	J	J_LAB		SW-846:6010B	GELC	
C5	20	20	11/14/00	5.04	36.8	17.55	16	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06294	2.5	03/30/11		F	CS	METALS	Zinc	Zn	5.04	0.29	LANL Avl BG LVL	2	1.3	3.3	ug/L	1	J	J	J_LAB		SW-846:6010B	GELC	
C5	26	27	03/23/00	128	347	234	23	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	03/30/11		F	CS	METALS	Boron	B	221	0.94	LANL Avl BG LVL	51.89	2.1	15	ug/L	1					SW-846:6010B	GELC	
C5	31	33	03/23/00	113	300	143	32	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	03/30/11		F	CS	METALS	Barium	Ba	216	1.51	LANL Avl BG LVL	68.57	1.6	1	ug/L	1					SW-846:6010B	GELC	
C5	31	33	03/23/00	1.1	10.1	2.8	18	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	03/30/11		F	CS	METALS	Cobalt	Co	1.78	0.64	LANL Avl BG LVL	0.5	1.8	1	ug/L	1	J	J	J_LAB		SW-846:6010B	GELC	
C5	31	33	03/23/00	11.7	3340	128	33	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	03/30/11		F	CS	METALS	Manganese	Mn	96	0.75	LANL Avl BG LVL	2	24.0	2	ug/L	1					SW-846:6010B	GELC	
C5	31	33	03/23/00	1.5	57.1	3.5	23	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	03/30/11		F	CS	METALS	Nickel	Ni	2.65	0.76	LANL Avl BG LVL	1	1.3	0.5	ug/L	1					SW-846:6020	GELC	
C5	31	33	03/23/00	2.7	13.9	4.5	25	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	03/30/11		F	CS	METALS	Vanadium	V	5.51	1.22	LANL Avl BG LVL	1	2.8	1	ug/L	1					SW-846:6010B	GELC	
C5	31	33	03/23/00	4.9	79	15.4	25	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	03/30/11		F	CS	METALS	Zinc	Zn	15.4	1.00	LANL Avl BG LVL	2	3.9	3.3	ug/L	1					SW-846:6010B	GELC	
C5	54	69	01/10/00	146	265	180	63	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	04/11/11		F	CS	METALS	Barium	Ba	158	0.88	LANL Int BG LVL	71.83	1.1	1	ug/L	1					SW-846:6010B	GELC	
C5	50	53	01/10/00	17	50.2	34.5	53	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Martin Spring	0	04/05/11		F	CS	GENINORG	Sodium	Na	33	0.96	LANL Int BG LVL	12.19	1.4	0.1	mg/L	1					SW-846:6010B	GELC	
C5	46	49	01/10/00	570	2840	1960	49	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Martin Spring	0	04/05/11		F	CS	METALS	Boron	B	1320	0.67	LANL Int BG LVL	15.12	43.7	15	ug/L	1					SW-846:6010B	GELC	
C5	50	53	01/10/00	122	243	178	46	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Martin Spring	0	04/05/11		F	CS	METALS	Barium	Ba	165	0.93	LANL Int BG LVL	71.83	1.2	1	ug/L	1					SW-846:6010B	GELC	
C5	6	7	01/05/09	0.208	0.306	0.255	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	04/07/11		F	CS	GENINORG	Perchlorate	ClO4	0.286	1.12	LANL Int BG LVL	0.05	2.9	0.05	ug/L	1					SW-846:6850	GELC	
C5	6	7	01/05/09	4.3	102	22.9	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	04/07/11		F	CS	METALS	Manganese	Mn	4.3	0.19	LANL Int BG LVL	2	1.1	2	ug/L	1	J	J	J_LAB		SW-846:6010B	GELC	
C5	6	7	01/05/09	5	40.3	32.3	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	04/07/11		F	CS	METALS	Molybdenum	Mo	5	0.15	LANL Int BG LVL	2	1.3	0.17	ug/L	1					SW-846:6020	GELC	
C5	6	7	01/05/09	24.1	1420	46.8	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	04/07/11		F	CS	METALS	Zinc	Zn	39.6	0.85	LANL Int BG LVL	2	9.9	3.3	ug/L	1					SW-846:6010B	GELC	
C5	9	13	05/21/07	0.449	0.589	0.507	13	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	04/08/11		F	CS	GENINORG	Perchlorate	ClO4	0.52	1.03	LANL Int BG LVL	0.05	5.2	0.05	ug/L	1					SW-846:6850	GELC	
C5	13	18	06/01/05	51	65.4	58.1	18	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	04/08/11		F	CS	METALS	Boron	B	57.5	0.99	LANL Int BG LVL	15.12	1.9	15	ug/L	1					SW-846:6010B	GELC	
C5	13	18	06/01/05	3.2	12.2	4.7	18	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	04/08/11		F	CS	METALS	Nickel	Ni	12.2	2.60	LANL Int BG LVL	1	6.1	0.5	ug/L	1					SW-846:6020	GELC	
C5	3	3	09/18/10	0.246	0.376	0.253	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	1110	03/31/11		F	CS	GENINORG	Perchlorate	ClO4	0.246	0.97	LANL Int BG LVL	0.05	2.5	0.05	ug/L	1					SW-846:6850	GELC	
C5	8	13	02/05/07	0.242	0.303	0.287	13	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	03/30/11		F	CS	GENINORG	Perchlorate	ClO4	0.289	1.01	LANL Int BG LVL	0.05	2.9	0.05	ug/L	1					SW-846:6850	GELC	
C5	11	16	12/15/05	5.6	17	13	13	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	03/30/11		F	CS	METALS	Zinc	Zn	13.5	1.04	LANL Int BG LVL	2	3.4	3.3	ug/L	1					SW-846:6010B	GELC	
C5	5	6	12/21/09	0.222	0.272	0.233	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-47i	840	04/07/11	FD	F	CS	GENINORG	Perchlorate	ClO4	0.259	1.11	LANL Int BG LVL	0.05	2.6	0.05	ug/L	1					SW-846:6850	GELC	
C5	5	6	12/21/09	0.222	0.272	0.233	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-47i	840	04/07/11		F	CS	GENINORG	Perchlorate	ClO4	0.235	1.01	LANL Int BG LVL	0.05	2.4	0.05	ug/L	1					SW-846:6850	GELC	
C5	5	5	02/08/10	0.112	0.13	0.124	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	03/31/11		F	CS	GENINORG	Perchlorate	ClO4	0.13	1.05	LANL Int BG LVL	0.05	1.3	0.05	ug/L	1	J	J	J_LAB		SW-846:6850	GELC	
C5	5	5	02/08/10	8.55	22.8	20.8	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	03/31/11		F	CS	METALS	Manganese	Mn	8.55	0.41	LANL Int BG LVL	2	2.1	2	ug/L	1	J	J	J_LAB		SW-846:6010B	GELC	
C5	5	5	02/08/10	9.77	30.7	12.8	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	03/31/11		F	CS	METALS	Zinc	Zn	10.3	0.80	LANL Int BG LVL	2	2.6	3.3	ug/L	1					SW-846:6010B	GELC	
C5	5	5	05/10/10	34	214	71	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	R-29	1170	04/06/11		F	CS	METALS	Manganese	Mn	34	0.48	LANL Reg BG LVL	2.94	5.8	2	ug/L	1					SW-846:6010B	GELC	
C5	10	10	08/24/05	5.4	18.8	10.5	10	Ancho Canyon	Regional	Test Well DT-5A	1172	03/29/11		F	RE	METALS	Manganese	Mn	18.8	1.79	LANL Reg BG LVL	2.94	3.2	2	ug/L	1					SW-846:6010B	GELC	
C5	10	10	08/24/05	148	228	173	10	Ancho Canyon	Regional	Test Well DT-5A	1172	03/29/11		F	RE	METALS	Zinc	Zn	162	0.94	LANL Reg BG LVL	3.89	20.8	3.3	ug/L	1					SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	10	14	07/20/05	88.2	113	99.6	14	Ancho Canyon	Regional	Test Well DT-9	819	03/29/11		F	RE	METALS	Zinc	Zn	102	1.02	LANL Reg BG LVL	3.89	13.1	3.3	ug/L	1				SW-846:6010B	GELC	
C5	10	11	07/19/05	61.4	112	68.2	11	Ancho Canyon	Regional	Test Well DT-10	1078.4	03/28/11		F	CS	METALS	Zinc	Zn	65	0.95	LANL Reg BG LVL	3.89	8.4	3.3	ug/L	1				SW-846:6010B	GELC	
C6	7	7	07/31/06	44	126	54	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.3	5.9	03/07/11		F	CS	GENINORG	Chloride	Cl(-1)	126	2.33	NM GW STD	250	1.0	0.66	mg/L	10				EPA:300.0	GELC	96 mg/L in 7/09
C6	7	7	08/03/06	54.4	180	67.3	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-0.6	8	03/08/11		F	CS	GENINORG	Chloride	Cl(-1)	180	2.67	NM GW STD	250	1.4	1.3	mg/L	20				EPA:300.0	GELC	82 mg/L in 7/09
CA	11	12	04/26/05	3.24	10.2	6.72	2	Pueblo Canyon (includes Acid Canyon)	Regional	R-2	918	03/09/11	FD	F	CS	METALS	Arsenic	As	10.2	1.52	EPA MCL	10	1.0	1.7	ug/L	1				SW-846:6020	GELC	Primary value is 3.2 ug/L (J), UF results were 2.9 and 4.7 ug/L.; prior are ND
CA	13	13	04/02/01	37.8	506	160	13	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	03/14/11		F	CS	GENINORG	Chloride	Cl(-1)	341	2.13	NM GW STD	250	1.4	3.3	mg/L	50		J+	l6b	EPA:300.0	GELC	506 mg/L in 4/07
CA	8	8	09/15/00	703	1700	970	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	03/18/11		F	CS	METALS	Iron	Fe	1110	1.14	NM GW STD	1000	1.1	30	ug/L	1				SW-846:6010B	GELC	Several values in this range in 2000-01, UF result was 32 ug/L, F Zn and Mn also higher than UF
CA	1	1	03/23/11	435	435	435	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-55i	510	03/23/11		F	CS	METALS	Manganese	Mn	435	1.00	NM GW STD	200	2.2	2	ug/L	1				SW-846:6010B	GELC	New well, first result