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Date: APR 21 2010
Refer To: EP2010-0179

APR 2010

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 March 2010 Groundwater Data

Dear Mr. Bearzi:

Members of the Los Alamos National Laboratory (LANL) Environmental Programs staff met on April 14, 2010, to review new groundwater data received in March 2010. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water quality standards.

An Environmental Programs staff member notified the New Mexico Environment Department Hazardous Waste Bureau about these findings by telephone on April 14, 2010, and followed up with an email on the same day.

The seven 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. These seven instances include the following:

- Chloride was found in a filtered sample collected from Sandia Canyon alluvial well SCA-1-DP at 263 mg/L; the New Mexico groundwater standard is 250 mg/L.
- Fluoride was found in a filtered sample and its associated field duplicate at Mortandad Canyon alluvial well MCO-2 (located in Effluent Canyon upstream from the Radioactive Liquid Waste Treatment Facility outfall) at 8.75 mg/L and 8.48 mg/L, respectively; the New Mexico groundwater standard is 1.6 mg/L.
- Bis(2-ethylhexyl)phthalate was found in an unfiltered sample and its associated field duplicate at Water Canyon intermediate well CdV-37-1(i) at 13 µg/L and 11.6 µg/L, respectively; the U.S. Environmental Protection Agency (EPA) maximum contaminant level (MCL) is 6 µg/L.
- Arsenic was found in unfiltered samples collected from City of Santa Fe water supply wells Buckman 6 and Buckman 8 at 11.7 µg/L and 10.2 µg/L; the EPA MCL is 10 µg/L.

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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 Steve Paris at (505) 606-0915 (smparis@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

Sincerely,

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

Sincerely,

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

MG/DG/DM/SM/DR:sm

Enclosure: Two hard copies with electronic files – Summary of New Los Alamos National Laboratory Groundwater Data Loaded in March 2010 (LA-UR-10-1772)

Cy: (w/enc.)
Neil Weber, San Ildefonso Pueblo
Hai Shen, DOE-LASO, MS A316
Steve Paris, EP-CAP, MS M992
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

Cy: (Letter and CD only)
Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Ardyth Simmons, EP-ET-DO, MS M992
Kristine Smeltz, EP-WES, MS M992

Cy: (w/o enc.)
Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
Annette Russell, DOE-LASO (date-stamped letter emailed)
Tom Skibitski, NMED-OB, Santa Fe, NM
David Rogers, EP-ET-DO, MS M992
Mei Ding, EES-6, MS J514
Michael J. Graham, ADEP, MS M991
IRM-RMMSO, MS A150 (date-stamped letter emailed)

SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN MARCH 2010

INTRODUCTION

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

The report includes one table, *Table 1: NMED 3-10 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 3-10 Groundwater Report

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C1	4	5	05/21/09	0.0000125	0.0000125	0.0000125	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.0000125	1.00				0.0000125	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	15	25	06/15/05	0.252	0.266	0.259	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		UF	CS	SVOA	Benzo(a)anthracene	56-55-3	0.266	1.03	EPA TAP SCRN LVL C-5	0.29	0.9	0.25	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	not in field blank
C1	15	25	06/15/05	0.252	0.266	0.259	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	UF	CS	SVOA	Benzo(a)anthracene	56-55-3	0.252	0.97	EPA TAP SCRN LVL C-5	0.29	0.9	0.22	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	not in field blank
C1	8	9	10/31/06	0.00000352	0.00000352	0.00000352	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-33	995.5	01/28/10		UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	0.00000352	1.00				0.00000352	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC	
C1	1	2	02/08/10	11.6	13	12.3	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	13	1.06	EPA MCL	6	2.2	2.9	ug/L	1	J	J	SV7c	SW-846:8270C	GELC	first samples
C1	1	2	02/08/10	11.6	13	12.3	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	11.6	0.94	EPA MCL	6	1.9	2.3	ug/L	1		J	SV7c	SW-846:8270C	GELC	first samples
C1	1	2	02/08/10	7.71	7.76	7.74	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10	FD	UF	CS	VOA	Toluene	108-88-3	7.71	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	1	2	02/08/10	7.71	7.76	7.74	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		UF	CS	VOA	Toluene	108-88-3	7.76	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	1	2	02/08/10	18.4	19.6	19	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		UF	CS	VOA	Acetone	67-64-1	19.6	1.03	EPA TAP SCRN LVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	
C1	1	2	02/08/10	18.4	19.6	19	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10	FD	UF	CS	VOA	Acetone	67-64-1	18.4	0.97	EPA TAP SCRN LVL N	22000	0.0	3.5	ug/L	1				SW-846:8260B	GELC	
C2	6	6	08/04/06	1.88	4.3	2.06	3	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	01/13/10		F	CS	METALS	Molybdenum	Mo	2.06	1.00	LANL Int BG LVL	2	1.0	0.1	ug/L	1				SW-846:6020	GELC	
C2	8	10	01/20/00	0.043	0.516	0.28	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	01/13/10		F	CS	METALS	Lead	Pb	0.516	1.84	LANL Int BG LVL	0.5	1.0	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	5	5	09/06/01	0.03	0.188	0.109	2	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	01/08/10		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.188	1.72	LANL Int BG LVL	0.08	2.4	0.015	mg/L	1		J	I4a	EPA:365.4	GELC	
C2	11	14	08/23/05	0.384	0.646	0.459	14	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-6	1205	01/08/10		F	CS	GENINORG	Fluoride	F(-1)	0.646	1.41	LANL Reg BG LVL	0.57	1.1	0.033	mg/L	1				EPA:300.0	GELC	result verified as valid
C2	11	14	08/23/05	0.384	0.646	0.459	14	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-6	1205	01/08/10	FD	F	CS	GENINORG	Fluoride	F(-1)	0.626	1.36	LANL Reg BG LVL	0.57	1.1	0.033	mg/L	1				EPA:300.0	GELC	result verified as valid
C2	10	12	08/23/05	3.33	4.34	3.92	12	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-6	1205	01/08/10		F	CS	GENINORG	Magnesium	Mg	4.34	1.11	LANL Reg BG LVL	4.15	1.1	0.085	mg/L	1				SW-846:6010B	GELC	
C2	10	12	08/23/05	49.4	114	51.5	4	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-6	1205	01/08/10		F	CS	METALS	Iron	Fe	51	0.99	LANL Reg BG LVL	21	2.4	30	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	2	2	01/19/06	4.63	5.32	4.98	2	Upper Los Alamos Canyon (includes DP Canyon)	Regional	Test Well 3	805	01/12/10		F	CS	GENINORG	Magnesium	Mg	5.32	1.07	LANL Reg BG LVL	4.15	1.3	0.085	mg/L	1				SW-846:6010B	GELC	
C2	2	2	01/19/06	158	175	167	2	Upper Los Alamos Canyon (includes DP Canyon)	Regional	Test Well 3	805	01/12/10		F	CS	METALS	Manganese	Mn	158	0.95	LANL Reg BG LVL	2.94	53.7	2	ug/L	1				SW-846:6010B	GELC	
C2	2	2	01/19/06	63.8	101	82.4	2	Upper Los Alamos Canyon (includes DP Canyon)	Regional	Test Well 3	805	01/12/10		F	CS	METALS	Zinc	Zn	101	1.23	LANL Reg BG LVL	3.89	26.0	3.3	ug/L	1		J	I4a	SW-846:6010B	GELC	
C2	5	5	02/20/09	23.9	50.1	25.7	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Calcium	Ca	50.1	1.95	LANL Avl BG LVL	26.36	1.9	0.05	mg/L	1				SW-846:6010B	GELC	
C2	5	5	02/20/09	7.1	14.9	7.3	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Magnesium	Mg	14.9	2.04	LANL Avl BG LVL	7.78	1.9	0.085	mg/L	1				SW-846:6010B	GELC	
C2	8	14	06/14/07	0.113	0.143	0.128	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.143	1.12	LANL Avl BG LVL	0.04	3.6	0.016	mg/L	1		J-	I6a	EPA:350.1	GELC	
C2	8	14	06/14/07	0.113	0.143	0.128	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.113	0.88	LANL Avl BG LVL	0.04	2.8	0.016	mg/L	1		J-	I6a	EPA:350.1	GELC	
C2	9	15	07/17/00	0.029999999	1.93	0.111	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.93	17.39	LANL Avl BG LVL	0.57	3.4	0.05	mg/L	5				EPA:353.2	GELC	road salt- parking lot runoff- chloride of 3300 mg/L and TDS of 6180 mg/L
C2	9	15	07/17/00	0.029999999	1.93	0.111	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.93	17.39	LANL Avl BG LVL	0.57	3.4	0.05	mg/L	5				EPA:353.2	GELC	road salt- parking lot runoff- chloride of 3300 mg/L and TDS of 6180 mg/L
C2	9	15	07/17/00	10.4	81.7	24.1	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	METALS	Boron	B	79.9	3.32	LANL Avl BG LVL	51.89	1.5	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	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C2	9	15	07/17/00	10.4	81.7	24.1	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	METALS	Boron	B	81.7	3.39	LANL Avl BG LVL	51.89	1.6	15	ug/L	1				SW-846:6010B	GELC	
C2	7	8	07/17/00	14.7	45.2	32.8	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	02/02/10		F	CS	GENINORG	Calcium	Ca	36.7	1.12	LANL Avl BG LVL	26.36	1.4	0.05	mg/L	1				SW-846:6010B	GELC	
C2	7	8	07/17/00	1.88	3.98	3.26	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	02/02/10		F	CS	METALS	Chromium	Cr	3.4	1.04	LANL Avl BG LVL	1	3.4	2.5	ug/L	1	EJ	J	J_LAB	SW-846:6020	GELC	
C2	11	12	06/02/03	0.047	0.24	0.144	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	01/27/10		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.047	0.33	LANL Avl BG LVL	0.04	1.2	0.016	mg/L	1	J	J-	I6a	EPA:350.1	GELC	
C2	37	45	10/30/00	0.02	0.046	0.028	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	01/27/10		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.046	1.64	LANL Avl BG LVL	0.04	1.2	0.016	mg/L	1	J	J-	I6a	EPA:350.1	GELC	
C2	17	20	08/06/01	3.34	3.34	3.34	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	01/27/10		F	CS	METALS	Copper	Cu	3.34	1.00	LANL Avl BG LVL	3	1.1	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	16	16	04/28/05	0.099	0.138	0.106	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	GENINORG	Bromide	Br(-1)	0.138	1.30	LANL Avl BG LVL	0.07	2.0	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	8	8	04/20/05	2.6	3.1	2.7	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	METALS	Vanadium	V	2.68	0.99	LANL Avl BG LVL	1	2.7	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	17	17	06/23/05	4.04	4.04	4.04	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	01/26/10		F	CS	METALS	Lead	Pb	4.04	1.00	LANL Int BG LVL	0.5	8.1	0.5	ug/L	1				SW-846:6020	GELC	ususually high turbidity of 43 NTU
C2	1	1	02/08/10	55.2	55.2	55.2	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	55.2	1.00	LANL Int BG LVL	52	1.1	0.73	mg/L	1				EPA:310.1	GELC	
C2	1	1	02/08/10	0.124	0.124	0.124	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		F	CS	GENINORG	Perchlorate	ClO4	0.124	1.00	LANL Int BG LVL	0.05	2.5	0.05	ug/L	1	J	J	PE12e	SW-846:6850	GELC	
C2	1	1	02/08/10	15.1	15.1	15.1	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		F	CS	GENINORG	Sodium	Na	15.1	1.00	LANL Int BG LVL	12.19	1.2	0.1	mg/L	1				SW-846:6010B	GELC	
C2	1	1	02/08/10	20.8	20.8	20.8	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		F	CS	METALS	Manganese	Mn	20.8	1.00	LANL Int BG LVL	2	10.4	2	ug/L	1				SW-846:6010B	GELC	
C2	1	1	02/08/10	2.7	2.7	2.7	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		F	CS	METALS	Nickel	Ni	2.7	1.00	LANL Int BG LVL	1	2.7	0.5	ug/L	1				SW-846:6020	GELC	
C2	1	1	02/08/10	62.2	62.2	62.2	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		F	CS	METALS	Silicon Dioxide	SiO2	62.2	1.00	LANL Int BG LVL	50.72	1.2	0.053	mg/L	1				SW-846:6010B	GELC	
C2	1	1	02/08/10	30.7	30.7	30.7	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		F	CS	METALS	Zinc	Zn	30.7	1.00	LANL Int BG LVL	2	15.4	3.3	ug/L	1				SW-846:6010B	GELC	
C3	12	15	08/24/05	0.575	0.899	0.65	15	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/08/10		F	CS	GENINORG	Fluoride	F(-1)	0.899	1.38	NM GW STD	1.6	1.1	0.033	mg/L	1				EPA:300.0	GELC	result verified as valid
C3	2	2	01/19/06	158	175	167	2	Upper Los Alamos Canyon (includes DP Canyon)	Regional	Test Well 3	805	01/12/10		F	CS	METALS	Manganese	Mn	158	0.95	NM GW STD	200	1.6	2	ug/L	1				SW-846:6010B	GELC	
C3	5	5	02/20/09	63.9	263	97.6	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Chloride	Cl(-1)	263	2.69	NM GW STD	250	2.1	3.3	mg/L	50				EPA:300.0	GELC	road salt- nearly as high at SCA-1 in winter 09 and 07
C3	5	5	02/20/09	396	798	490	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Total Dissolved Solids	TDS	798	1.63	NM GW STD	1000	1.6	2.4	mg/L	1				EPA:160.1	GELC	road salt- 50% higher than nearest results at SCA-1 or here
C3	9	15	07/17/00	0.136	8.75	0.558	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	GENINORG	Fluoride	F(-1)	8.48	15.20	NM GW STD	1.6	10.6	0.33	mg/L	10		J-	I6a	EPA:300.0	GELC	road salt- parking lot runoff- chloride of 3300 mg/L and TDS of 6180 mg/L
C3	9	15	07/17/00	0.136	8.75	0.558	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	GENINORG	Fluoride	F(-1)	8.75	15.68	NM GW STD	1.6	10.9	0.33	mg/L	10		J-	I6a	EPA:300.0	GELC	road salt- parking lot runoff- chloride of 3300 mg/L and TDS of 6180 mg/L
C3	15	25	06/15/05	0.252	0.266	0.259	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		UF	CS	SVOA	Benzo(a)anthracene	56-55-3	0.266	1.03	EPA TAP SCRN LVL C-5	0.29	1.8	0.25	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	not in field blank
C3	15	25	06/15/05	0.252	0.266	0.259	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	UF	CS	SVOA	Benzo(a)anthracene	56-55-3	0.252	0.97	EPA TAP SCRN LVL C-5	0.29	1.7	0.22	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	not in field blank
C3	1	2	02/08/10	11.6	13	12.3	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	13	1.06	EPA MCL	6	4.3	2.9	ug/L	1	J	J	SV7c	SW-846:8270C	GELC	first samples

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C3	1	2	02/08/10	11.6	13	12.3	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	11.6	0.94	EPA MCL	6	3.9	2.3	ug/L	1		J	SV7c	SW-846:8270C	GELC	first samples
C5	29	33	10/24/01	1.22	2.97	1.97	33	Pueblo Canyon (includes Acid Canyon)	Water Supply	O-1	1017	11/17/09		UF	CS	GENINORG	Perchlorate	ClO4	1.62	0.82	LANL Reg BG LVL	0.05	16.2	0.2	ug/L	4				SW-846:6850	GELC	
C5	7	7	08/04/06	0.167	0.214	0.195	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI(a)-1.1	295.2	01/13/10		F	CS	GENINORG	Perchlorate	ClO4	0.214	1.10	LANL Int BG LVL	0.05	2.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	5	5	04/26/07	31.3	35.8	32.7	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LADP-3	316	01/07/10		F	CS	GENINORG	Chloride	Cl(-1)	32	0.98	LANL Int BG LVL	7.78	2.1	0.33	mg/L	5				EPA:300.0	GELC	
C5	6	6	04/26/07	0.13	0.161	0.137	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LADP-3	316	01/07/10		F	CS	GENINORG	Perchlorate	ClO4	0.161	1.18	LANL Int BG LVL	0.05	1.6	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C5	12	15	08/24/05	15.7	18	16.7	15	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/08/10		F	CS	GENINORG	Chloride	Cl(-1)	16	0.96	LANL Int BG LVL	7.78	1.0	0.066	mg/L	1				EPA:300.0	GELC	
C5	8	11	07/26/06	6.39	8.32	7.04	11	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/08/10		F	CS	GENINORG	Perchlorate	ClO4	6.72	0.95	LANL Int BG LVL	0.05	67.2	0.5	ug/L	10				SW-846:6850	GELC	
C5	12	15	08/24/05	0.575	0.899	0.65	15	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/08/10		F	CS	GENINORG	Fluoride	F(-1)	0.899	1.38	LANL Int BG LVL	0.23	2.0	0.033	mg/L	1				EPA:300.0	GELC	result verified as valid
C5	4	5	05/21/09	0.894	1.38	1.37	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10		F	CS	GENINORG	Bromide	Br(-1)	1.38	1.01	LANL Int BG LVL	0.03	23.0	0.066	mg/L	1				EPA:300.0	GELC	
C5	4	5	05/21/09	0.894	1.38	1.37	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10	FD	F	CS	GENINORG	Bromide	Br(-1)	1.37	1.00	LANL Int BG LVL	0.03	22.8	0.066	mg/L	1				EPA:300.0	GELC	
C5	4	5	05/21/09	25.3	26.5	25.6	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10		F	CS	GENINORG	Chloride	Cl(-1)	25.3	0.99	LANL Int BG LVL	7.78	1.6	0.33	mg/L	5				EPA:300.0	GELC	
C5	4	5	05/21/09	25.3	26.5	25.6	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10	FD	F	CS	GENINORG	Chloride	Cl(-1)	25.6	1.00	LANL Int BG LVL	7.78	1.7	0.33	mg/L	5				EPA:300.0	GELC	
C5	4	5	05/21/09	0.582	0.67	0.639	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10		F	CS	GENINORG	Perchlorate	ClO4	0.67	1.05	LANL Int BG LVL	0.05	6.7	0.05	ug/L	1				SW-846:6850	GELC	
C5	4	5	05/21/09	0.582	0.67	0.639	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10	FD	F	CS	GENINORG	Perchlorate	ClO4	0.639	1.00	LANL Int BG LVL	0.05	6.4	0.05	ug/L	1				SW-846:6850	GELC	
C5	4	5	05/21/09	5.47	9.68	6.09	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10	FD	F	CS	METALS	Manganese	Mn	5.63	0.92	LANL Int BG LVL	2	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	4	5	05/21/09	5.47	9.68	6.09	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10		F	CS	METALS	Manganese	Mn	5.47	0.90	LANL Int BG LVL	2	1.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	4	5	05/21/09	76.9	90.5	87.5	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10	FD	F	CS	METALS	Molybdenum	Mo	90.5	1.03	LANL Int BG LVL	2	22.6	0.1	ug/L	1				SW-846:6020	GELC	
C5	4	5	05/21/09	76.9	90.5	87.5	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10		F	CS	METALS	Molybdenum	Mo	89.6	1.02	LANL Int BG LVL	2	22.4	0.1	ug/L	1				SW-846:6020	GELC	
C5	4	5	05/21/09	11	21.9	21.5	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10		F	CS	METALS	Nickel	Ni	21.6	1.00	LANL Int BG LVL	1	10.8	0.5	ug/L	1				SW-846:6020	GELC	
C5	4	5	05/21/09	11	21.9	21.5	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10	FD	F	CS	METALS	Nickel	Ni	21.9	1.02	LANL Int BG LVL	1	11.0	0.5	ug/L	1				SW-846:6020	GELC	
C5	4	5	05/21/09	8.75	14.8	11.8	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10		F	CS	METALS	Zinc	Zn	8.75	0.74	LANL Int BG LVL	2	2.2	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	4	5	05/21/09	8.75	14.8	11.8	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	TA-53i	600	01/07/10	FD	F	CS	METALS	Zinc	Zn	9.16	0.78	LANL Int BG LVL	2	2.3	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	9	9	07/25/06	3.01	7.3	4.62	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	01/08/10		F	CS	GENINORG	Perchlorate	ClO4	3.89	0.84	LANL Int BG LVL	0.05	38.9	0.5	ug/L	10				SW-846:6850	GELC	
C5	10	10	07/26/06	0.162	0.343	0.24	10	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	01/08/10		F	CS	GENINORG	Bromide	Br(-1)	0.343	1.43	LANL Int BG LVL	0.03	5.7	0.066	mg/L	1				EPA:300.0	GELC	
C5	10	10	07/26/06	19.1	21.8	20.2	10	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	01/08/10		F	CS	GENINORG	Chloride	Cl(-1)	20.9	1.03	LANL Int BG LVL	7.78	1.3	0.33	mg/L	5				EPA:300.0	GELC	
C5	10	10	07/26/06	2.85	4.65	3.35	10	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	01/08/10		F	CS	GENINORG	Perchlorate	ClO4	2.96	0.88	LANL Int BG LVL	0.05	29.6	0.25	ug/L	5				SW-846:6850	GELC	
C5	9	9	07/26/06	1.1	1.84	1.5	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	01/08/10		F	CS	METALS	Uranium	U	1.84	1.23	LANL Int BG LVL	0.72	1.3	0.05	ug/L	1				SW-846:6020	GELC	
C5	11	16	05/09/06	0.088	0.242	0.14	10	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	01/14/10		F	CS	GENINORG	Bromide	Br(-1)	0.148	1.06	LANL Int BG LVL	0.03	2.5	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	11	16	05/09/06	18.4	38.3	19.2	16	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	01/14/10		F	CS	GENINORG	Chloride	Cl(-1)	23.6	1.23	LANL Int BG LVL	7.78	1.5	0.33	mg/L	5				EPA:300.0	GELC	
C5	11	15	05/09/06	0.522	0.877	0.762	15	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	01/14/10		F	CS	GENINORG	Perchlorate	ClO4	0.755	0.99	LANL Int BG LVL	0.05	7.6	0.05	ug/L	1				SW-846:6850	GELC	
C5	10	15	05/09/06	2	7.76	4.45	14	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	01/14/10		F	CS	METALS	Manganese	Mn	5.25	1.18	LANL Int BG LVL	2	1.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	4	4	09/02/08	2.01	2.37	2.08	4	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	01/08/10		F	CS	GENINORG	Perchlorate	ClO4	2.08	1.00	LANL Int BG LVL	0.05	20.8	0.25	ug/L	5				SW-846:6850	GELC	
C5	27	29	10/24/01	0.354	0.55	0.381	28	Upper Los Alamos Canyon (includes DP Canyon)	Water Supply	O-4	1115	11/17/09		UF	CS	GENINORG	Perchlorate	ClO4	0.406	1.07	LANL Reg BG LVL	0.05	4.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	5	5	02/20/09	0.229	0.611	0.551	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Bromide	Br(-1)	0.229	0.42	LANL Avl BG LVL	0.07	1.6	0.066	mg/L	1				EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	5	5	02/20/09	12.1	30.1	15.3	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Potassium	K	30.1	1.97	LANL Avl BG LVL	5.21	2.9	0.05	mg/L	1				SW-846:6010B	GELC	
C5	5	5	02/20/09	75.9	197	98.1	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Sodium	Na	197	2.01	LANL Avl BG LVL	15.54	6.3	0.1	mg/L	1				SW-846:6010B	GELC	
C5	5	5	02/20/09	396	798	490	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Total Dissolved Solids	TDS	798	1.63	LANL Avl BG LVL	139	2.9	2.4	mg/L	1				EPA:160.1	GELC	road salt- 50% higher than nearest results at SCA-1 or here
C5	5	6	02/20/09	2.69	18.5	7.06	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	METALS	Chromium	Cr	7.06	1.00	LANL Avl BG LVL	1	3.5	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	5	5	02/20/09	559	870	717	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	METALS	Manganese	Mn	870	1.21	LANL Avl BG LVL	2	217.5	2	ug/L	1				SW-846:6010B	GELC	
C5	7	9	10/21/08	0.194	0.498	0.424	9	Sandia Canyon	Intermediate	SCI-2	548	02/08/10		F	CS	GENINORG	Bromide	Br(-1)	0.459	1.08	LANL Int BG LVL	0.03	7.7	0.066	mg/L	1				EPA:300.0	GELC	
C5	7	11	10/21/08	59.5	66.7	63	11	Sandia Canyon	Intermediate	SCI-2	548	02/08/10		F	CS	GENINORG	Calcium	Ca	66.7	1.06	LANL Int BG LVL	17.31	1.9	0.05	mg/L	1				SW-846:6010B	GELC	
C5	7	9	10/21/08	53.4	62.1	56	9	Sandia Canyon	Intermediate	SCI-2	548	02/08/10		F	CS	GENINORG	Chloride	Cl(-1)	55.1	0.98	LANL Int BG LVL	7.78	3.5	0.66	mg/L	10				EPA:300.0	GELC	
C5	7	9	10/21/08	0.936	1.12	0.986	9	Sandia Canyon	Intermediate	SCI-2	548	02/08/10		F	CS	GENINORG	Perchlorate	ClO4	1.01	1.02	LANL Int BG LVL	0.05	10.1	0.1	ug/L	2				SW-846:6850	GELC	
C5	7	9	10/21/08	85	101	87	9	Sandia Canyon	Intermediate	SCI-2	548	02/08/10		F	CS	GENINORG	Sulfate	SO4(-2)	86.4	0.99	LANL Int BG LVL	40.03	1.1	1	mg/L	10				EPA:300.0	GELC	
C5	7	9	10/21/08	354	451	406	9	Sandia Canyon	Intermediate	SCI-2	548	02/08/10		F	CS	GENINORG	Total Dissolved Solids	TDS	451	1.11	LANL Int BG LVL	127	1.8	2.4	mg/L	1				EPA:160.1	GELC	
C5	7	16	10/21/08	471	658	562	16	Sandia Canyon	Intermediate	SCI-2	548	02/08/10		F	CS	METALS	Chromium	Cr	553	0.98	LANL Int BG LVL	1	276.5	2.5	ug/L	1				SW-846:6020	GELC	
C5	7	11	10/21/08	14.5	19	16.4	11	Sandia Canyon	Intermediate	SCI-2	548	02/08/10		F	CS	METALS	Nickel	Ni	16.7	1.02	LANL Int BG LVL	1	8.4	0.5	ug/L	1				SW-846:6020	GELC	
C5	5	5	11/05/08	5.21	6.03	5.51	4	Sandia Canyon	Regional	R-43	903.9	02/02/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.21	0.95	LANL Reg BG LVL	0.89	2.9	0.1	mg/L	10				EPA:353.2	GELC	
C5	5	7	11/10/08	2.1	6.52	2.3	7	Sandia Canyon	Regional	R-43	969.1	02/02/10		F	CS	METALS	Molybdenum	Mo	4.35	1.89	LANL Reg BG LVL	2	1.1	0.1	ug/L	1				SW-846:6020	GELC	
C5	19	25	05/17/05	3.41	7.43	4.98	25	Sandia Canyon	Regional	R-11	855	01/29/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4.28	0.86	LANL Reg BG LVL	0.89	2.4	0.1	mg/L	10				EPA:353.2	GELC	
C5	20	29	05/17/05	13.5	34.9	20.7	29	Sandia Canyon	Regional	R-11	855	01/29/10		F	CS	METALS	Chromium	Cr	18.1	0.87	LANL Reg BG LVL	5.75	1.6	2.5	ug/L	1				SW-846:6020	GELC	
C5	19	25	05/17/05	9.33	37	12.3	19	Sandia Canyon	Regional	R-11	855	01/29/10		F	CS	METALS	Zinc	Zn	9.63	0.78	LANL Reg BG LVL	3.89	1.2	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	8	10	05/12/08	1.43	1.74	1.65	10	Sandia Canyon	Regional	R-36	766.9	02/04/10		F	CS	GENINORG	Perchlorate	ClO4	1.43	0.87	LANL Reg BG LVL	0.46	1.6	0.1	ug/L	2		J	PE12e	SW-846:6850	GELC	
C5	8	10	05/12/08	2.06	2.46	2.29	10	Sandia Canyon	Regional	R-36	766.9	02/04/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.06	0.90	LANL Reg BG LVL	0.89	1.2	0.1	mg/L	10				EPA:353.2	GELC	
C5	8	10	05/12/08	58.9	75.3	67.8	10	Sandia Canyon	Regional	R-36	766.9	02/04/10		F	CS	METALS	Zinc	Zn	62.8	0.93	LANL Reg BG LVL	3.89	8.1	3.3	ug/L	1				SW-846:6010B	GELC	
C5	23	25	10/24/01	0.401	0.52	0.445	23	Sandia Canyon	Water Supply	PM-1	945	11/17/09		UF	CS	GENINORG	Perchlorate	ClO4	0.491	1.10	LANL Reg BG LVL	0.05	4.9	0.05	ug/L	1				SW-846:6850	GELC	
C5	26	32	10/24/01	0.366	0.58	0.415	31	Sandia Canyon	Water Supply	PM-3	956	11/17/09		UF	CS	GENINORG	Perchlorate	ClO4	0.456	1.10	LANL Reg BG LVL	0.05	4.6	0.05	ug/L	1				SW-846:6850	GELC	
C5	9	15	07/17/00	3.871000051	208	22.8	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	GENINORG	Potassium	K	206	9.04	LANL Avl BG LVL	5.21	19.8	0.5	mg/L	10				SW-846:6010B	GELC	
C5	9	15	07/17/00	3.871000051	208	22.8	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	GENINORG	Potassium	K	208	9.12	LANL Avl BG LVL	5.21	20.0	0.5	mg/L	10				SW-846:6010B	GELC	
C5	9	15	07/17/00	36.05599976	1690	120	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	GENINORG	Sodium	Na	1640	13.67	LANL Avl BG LVL	15.54	52.8	1	mg/L	10				SW-846:6010B	GELC	
C5	9	15	07/17/00	36.05599976	1690	120	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	GENINORG	Sodium	Na	1690	14.08	LANL Avl BG LVL	15.54	54.4	1	mg/L	10				SW-846:6010B	GELC	
C5	9	15	07/17/00	1.53	12.3	2.79	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	METALS	Cobalt	Co	2.88	1.03	LANL Avl BG LVL	0.5	2.9	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	9	15	07/17/00	1.53	12.3	2.79	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	METALS	Cobalt	Co	3.18	1.14	LANL Avl BG LVL	0.5	3.2	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	9	15	07/17/00	181	2530	462	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	METALS	Manganese	Mn	461	1.00	LANL Avl BG LVL	2	115.3	2	ug/L	1				SW-846:6010B	GELC	
C5	9	15	07/17/00	181	2530	462	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	METALS	Manganese	Mn	463	1.00	LANL Avl BG LVL	2	115.8	2	ug/L	1				SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	9	15	07/17/00	9	400.9999931	159	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	METALS	Molybdenum	Mo	25.7	0.16	LANL Avl BG LVL	2	6.4	0.1	ug/L	1				SW-846:6020	GELC	
C5	9	15	07/17/00	9	400.9999931	159	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	METALS	Molybdenum	Mo	24.5	0.15	LANL Avl BG LVL	2	6.1	0.1	ug/L	1				SW-846:6020	GELC	
C5	9	15	07/17/00	2.88	19.4	6.4	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	METALS	Nickel	Ni	18.7	2.92	LANL Avl BG LVL	1	9.4	0.5	ug/L	1				SW-846:6020	GELC	
C5	9	15	07/17/00	2.88	19.4	6.4	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	METALS	Nickel	Ni	19.4	3.03	LANL Avl BG LVL	1	9.7	0.5	ug/L	1				SW-846:6020	GELC	
C5	9	15	07/17/00	7.6	248	29.8	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	METALS	Zinc	Zn	29.8	1.00	LANL Avl BG LVL	2	7.5	3.3	ug/L	1				SW-846:6010B	GELC	
C5	9	15	07/17/00	7.6	248	29.8	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	METALS	Zinc	Zn	29.8	1.00	LANL Avl BG LVL	2	7.5	3.3	ug/L	1				SW-846:6010B	GELC	
C5	19	24	06/14/05	0.421	4.15	2.275	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	02/02/10		F	CS	GENINORG	Perchlorate	ClO4	0.977	0.43	LANL Avl BG LVL	0.05	9.8	0.05	ug/L	1				SW-846:6850	GELC	
C5	23	29	04/21/05	3.3	44.3	16.9	29	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/03/10		F	CS	GENINORG	Perchlorate	ClO4	3.3	0.20	LANL Avl BG LVL	0.05	33.0	0.25	ug/L	5		J	PE12e	SW-846:6850	GELC	lowest since 2005
C5	32	41	05/24/01	0.629	1.07	0.89	40	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/03/10		F	CS	GENINORG	Fluoride	F(-1)	0.726	0.82	LANL Avl BG LVL	0.27	1.3	0.033	mg/L	1				EPA:300.0	GELC	
C5	15	19	06/30/03	42.8	80.7	53.1	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/03/10		F	CS	GENINORG	Sodium	Na	49.2	0.93	LANL Avl BG LVL	15.54	1.6	0.1	mg/L	1				SW-846:6010B	GELC	
C5	15	19	06/30/03	18.6	72.9	39.6	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	02/03/10		F	CS	METALS	Molybdenum	Mo	30.8	0.78	LANL Avl BG LVL	2	7.7	0.1	ug/L	1				SW-846:6020	GELC	
C5	12	12	05/03/05	5.57	24.4	16.55	12	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	01/27/10		F	CS	GENINORG	Perchlorate	ClO4	5.57	0.34	LANL Avl BG LVL	0.05	55.7	0.5	ug/L	10				SW-846:6850	GELC	lowest since 2005
C5	17	18	08/02/01	0.664	1.18	0.936	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	01/27/10		F	CS	GENINORG	Fluoride	F(-1)	0.843	0.90	LANL Avl BG LVL	0.27	1.6	0.033	mg/L	1				EPA:300.0	GELC	
C5	16	17	08/02/01	11.3	15.7	13.8	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	01/27/10		F	CS	GENINORG	Potassium	K	11.3	0.82	LANL Avl BG LVL	5.21	1.1	0.05	mg/L	1				SW-846:6010B	GELC	
C5	16	17	08/02/01	46.3	77.4	58	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	01/27/10		F	CS	GENINORG	Sodium	Na	53.1	0.92	LANL Avl BG LVL	15.54	1.7	0.1	mg/L	1				SW-846:6010B	GELC	
C5	17	23	08/02/01	251	493	294	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	01/27/10		F	CS	GENINORG	Total Dissolved Solids	TDS	284	0.97	LANL Avl BG LVL	139	1.0	2.4	mg/L	1				EPA:160.1	GELC	
C5	16	17	08/02/01	24.9	81.3	43.2	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-5	21	01/27/10		F	CS	METALS	Molybdenum	Mo	34.6	0.80	LANL Avl BG LVL	2	8.7	0.1	ug/L	1				SW-846:6020	GELC	
C5	24	29	04/27/05	6.04	31.7	22.1	29	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	01/27/10		F	CS	GENINORG	Perchlorate	ClO4	6.04	0.27	LANL Avl BG LVL	0.05	60.4	0.5	ug/L	10				SW-846:6850	GELC	lowest since 2005
C5	45	53	02/24/00	0.77	1.51	1.08	53	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	01/27/10		F	CS	GENINORG	Fluoride	F(-1)	0.941	0.87	LANL Avl BG LVL	0.27	1.7	0.033	mg/L	1				EPA:300.0	GELC	
C5	17	20	08/06/01	12.7	16.6	15.2	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	01/27/10		F	CS	GENINORG	Potassium	K	12.7	0.84	LANL Avl BG LVL	5.21	1.2	0.05	mg/L	1				SW-846:6010B	GELC	
C5	17	20	08/06/01	50.3	71.3	62.3	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	01/27/10		F	CS	GENINORG	Sodium	Na	52.2	0.84	LANL Avl BG LVL	15.54	1.7	0.1	mg/L	1				SW-846:6010B	GELC	
C5	17	20	08/06/01	27.1	89.7	49.6	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-6	27	01/27/10		F	CS	METALS	Molybdenum	Mo	37.4	0.75	LANL Avl BG LVL	2	9.4	0.1	ug/L	1				SW-846:6020	GELC	
C5	23	28	04/28/05	7.26	47.5	26.9	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	GENINORG	Perchlorate	ClO4	7.26	0.27	LANL Avl BG LVL	0.05	72.6	1	ug/L	20		J	PE12e	SW-846:6850	GELC	lowest since 2005
C5	46	55	02/24/00	0.932	2.13	1.335	54	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	GENINORG	Fluoride	F(-1)	0.958	0.72	LANL Avl BG LVL	0.27	1.8	0.033	mg/L	1		J-	I6a	EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	17	19	08/07/01	11.5	19.4	16.6	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	GENINORG	Potassium	K	18.3	1.10	LANL Avl BG LVL	5.21	1.8	0.5	mg/L	10				SW-846:6010B	GELC	
C5	46	56	02/24/00	1.11	12.5	3.38	55	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.26	0.37	LANL Avl BG LVL	0.57	1.1	0.05	mg/L	5				EPA:353.2	GELC	
C5	17	19	08/07/01	43.1	79.3	59.7	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	GENINORG	Sodium	Na	54.4	0.91	LANL Avl BG LVL	15.54	1.8	1	mg/L	10				SW-846:6010B	GELC	
C5	20	22	08/07/01	0.04	0.416	0.291	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.264	0.91	LANL Avl BG LVL	0.05	2.6	0.015	mg/L	1		J	I4a	EPA:365.4	GELC	
C5	17	19	08/07/01	154	211	189	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	METALS	Barium	Ba	209	1.11	LANL Avl BG LVL	68.57	1.5	1	ug/L	1				SW-846:6010B	GELC	
C5	17	19	08/07/01	34.6	92.1	65.7	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	01/28/10		F	CS	METALS	Molybdenum	Mo	36.8	0.56	LANL Avl BG LVL	2	9.2	0.1	ug/L	1				SW-846:6020	GELC	
C5	13	20	04/28/05	10.9	58	22.7	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10	FD	F	CS	GENINORG	Perchlorate	ClO4	10.9	0.48	LANL Avl BG LVL	0.05	109.0	1	ug/L	20		J	PE12e	SW-846:6850	GELC	lowest since 2005
C5	13	20	04/28/05	10.9	58	22.7	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10		F	CS	GENINORG	Perchlorate	ClO4	11.7	0.52	LANL Avl BG LVL	0.05	117.0	1	ug/L	20		J	PE12e	SW-846:6850	GELC	
C5	15	23	08/07/01	1.13	1.77	1.36	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10	FD	F	CS	GENINORG	Fluoride	F(-1)	1.14	0.84	LANL Avl BG LVL	0.27	2.1	0.033	mg/L	1		J-	I6a	EPA:300.0	GELC	
C5	15	23	08/07/01	1.13	1.77	1.36	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10		F	CS	GENINORG	Fluoride	F(-1)	1.13	0.83	LANL Avl BG LVL	0.27	2.1	0.033	mg/L	1		J-	I6a	EPA:300.0	GELC	
C5	15	22	08/07/01	7.07	16.6	12.5	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10	FD	F	CS	GENINORG	Potassium	K	14.2	1.14	LANL Avl BG LVL	5.21	1.4	0.5	mg/L	10				SW-846:6010B	GELC	
C5	15	22	08/07/01	7.07	16.6	12.5	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10		F	CS	GENINORG	Potassium	K	14.3	1.14	LANL Avl BG LVL	5.21	1.4	0.5	mg/L	10				SW-846:6010B	GELC	
C5	15	22	08/07/01	1.39	7.85	2.18	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.39	0.64	LANL Avl BG LVL	0.57	1.2	0.05	mg/L	5				EPA:353.2	GELC	lowest since 2001
C5	15	22	08/07/01	1.39	7.85	2.18	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.39	0.64	LANL Avl BG LVL	0.57	1.2	0.05	mg/L	5				EPA:353.2	GELC	lowest since 2001
C5	15	22	08/07/01	54	83.5	61.6	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10	FD	F	CS	GENINORG	Sodium	Na	64.3	1.04	LANL Avl BG LVL	15.54	2.1	1	mg/L	10				SW-846:6010B	GELC	
C5	15	22	08/07/01	54	83.5	61.6	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10		F	CS	GENINORG	Sodium	Na	62.1	1.01	LANL Avl BG LVL	15.54	2.0	1	mg/L	10				SW-846:6010B	GELC	
C5	15	22	08/07/01	116	189	165	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10		F	CS	METALS	Barium	Ba	189	1.15	LANL Avl BG LVL	68.57	1.4	1	ug/L	1				SW-846:6010B	GELC	
C5	15	22	08/07/01	116	189	165	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10	FD	F	CS	METALS	Barium	Ba	184	1.12	LANL Avl BG LVL	68.57	1.3	1	ug/L	1				SW-846:6010B	GELC	
C5	15	22	08/07/01	44.1	108	55.1	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10	FD	F	CS	METALS	Molybdenum	Mo	48	0.87	LANL Avl BG LVL	2	12.0	0.1	ug/L	1				SW-846:6020	GELC	
C5	15	22	08/07/01	44.1	108	55.1	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10		F	CS	METALS	Molybdenum	Mo	46.5	0.84	LANL Avl BG LVL	2	11.6	0.1	ug/L	1				SW-846:6020	GELC	
C5	15	22	08/07/01	2	8.08	2.45	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10		F	CS	METALS	Nickel	Ni	2.55	1.04	LANL Avl BG LVL	1	1.3	0.5	ug/L	1				SW-846:6020	GELC	
C5	15	22	08/07/01	2	8.08	2.45	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7.5	35	01/28/10	FD	F	CS	METALS	Nickel	Ni	2.78	1.13	LANL Avl BG LVL	1	1.4	0.5	ug/L	1				SW-846:6020	GELC	
C5	8	8	04/20/05	14.1	103	28.9	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	GENINORG	Perchlorate	ClO4	14.1	0.49	LANL Avl BG LVL	0.05	141.0	1	ug/L	20		J	PE12e	SW-846:6850	GELC	lowest since 2005
C5	8	8	04/20/05	1.39	1.85	1.57	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	GENINORG	Fluoride	F(-1)	1.48	0.94	LANL Avl BG LVL	0.27	2.7	0.033	mg/L	1				EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	8	8	04/20/05	8.86	12.3	10.2	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	GENINORG	Potassium	K	12.3	1.21	LANL Avl BG LVL	5.21	1.2	0.05	mg/L	1				SW-846:6010B	GELC	
C5	8	8	04/20/05	1.53	4.4	2.45	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.53	0.62	LANL Avl BG LVL	0.57	1.3	0.05	mg/L	5				EPA:353.2	GELC	lowest since 2005
C5	8	8	04/20/05	59.5	90.9	67.3	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	GENINORG	Sodium	Na	59.9	0.89	LANL Avl BG LVL	15.54	1.9	0.1	mg/L	1				SW-846:6010B	GELC	
C5	8	8	04/20/05	113	163	145	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	METALS	Barium	Ba	162	1.12	LANL Avl BG LVL	68.57	1.2	1	ug/L	1				SW-846:6010B	GELC	
C5	8	8	04/20/05	49.9	81.4	67.1	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	METALS	Molybdenum	Mo	49.9	0.74	LANL Avl BG LVL	2	12.5	0.1	ug/L	1				SW-846:6020	GELC	
C5	8	8	04/20/05	2.1	4.7	2.8	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MT-3	44	02/03/10		F	CS	METALS	Nickel	Ni	2.1	0.75	LANL Avl BG LVL	1	1.1	0.5	ug/L	1				SW-846:6020	GELC	
C5	17	17	06/23/05	0.291	0.606	0.402	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	01/26/10		F	CS	GENINORG	Bromide	Br(-1)	0.408	1.01	LANL Int BG LVL	0.03	6.8	0.066	mg/L	1				EPA:300.0	GELC	
C5	17	17	06/23/05	18.4	21	19.4	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	01/26/10		F	CS	GENINORG	Chloride	Cl(-1)	20.3	1.05	LANL Int BG LVL	7.78	1.3	0.13	mg/L	2		J+	I6b	EPA:300.0	GELC	
C5	17	17	06/23/05	50.2	166	113	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	01/26/10		F	CS	GENINORG	Perchlorate	ClO4	50.2	0.44	LANL Int BG LVL	0.05	502.0	5	ug/L	100				SW-846:6850	GELC	decreasing since 2006-7
C5	17	17	06/23/05	8.88	17.7	12.8	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	01/26/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	9.08	0.71	LANL Int BG LVL	2.41	1.9	0.25	mg/L	25				EPA:353.2	GELC	
C5	17	17	06/23/05	2.2	5.61	3	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	01/26/10		F	CS	METALS	Nickel	Ni	5.61	1.87	LANL Int BG LVL	1	2.8	0.5	ug/L	1				SW-846:6020	GELC	
C5	17	17	06/23/05	5.3	369	32.2	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	01/26/10		F	CS	METALS	Zinc	Zn	28.1	0.87	LANL Int BG LVL	2	7.0	3.3	ug/L	1				SW-846:6010B	GELC	
C5	18	20	06/09/05	0.083	0.157	0.125	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689	01/25/10		F	CS	GENINORG	Bromide	Br(-1)	0.125	1.00	LANL Int BG LVL	0.03	2.1	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	18	20	06/09/05	68.7	132	94.3	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689	01/25/10		F	CS	GENINORG	Perchlorate	ClO4	84.5	0.90	LANL Int BG LVL	0.05	845.0	10	ug/L	200				SW-846:6850	GELC	decreasing since 2006-7
C5	18	28	06/15/05	0.212	0.673	0.372	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	GENINORG	Bromide	Br(-1)	0.667	1.79	LANL Int BG LVL	0.03	11.1	0.066	mg/L	1				EPA:300.0	GELC	
C5	18	28	06/15/05	0.212	0.673	0.372	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	GENINORG	Bromide	Br(-1)	0.673	1.81	LANL Int BG LVL	0.03	11.2	0.066	mg/L	1				EPA:300.0	GELC	
C5	18	28	06/15/05	42.8	74.5	51.9	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	GENINORG	Calcium	Ca	74.5	1.44	LANL Int BG LVL	17.31	2.2	0.05	mg/L	1				SW-846:6010B	GELC	
C5	18	28	06/15/05	42.8	74.5	51.9	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	GENINORG	Calcium	Ca	71.5	1.38	LANL Int BG LVL	17.31	2.1	0.05	mg/L	1				SW-846:6010B	GELC	
C5	18	28	06/15/05	21.2	49.6	25.5	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	GENINORG	Chloride	Cl(-1)	49.5	1.94	LANL Int BG LVL	7.78	3.2	0.66	mg/L	10		J+	I6b	EPA:300.0	GELC	steady increase since late 2007
C5	18	28	06/15/05	21.2	49.6	25.5	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	GENINORG	Chloride	Cl(-1)	49.6	1.95	LANL Int BG LVL	7.78	3.2	0.66	mg/L	10		J+	I6b	EPA:300.0	GELC	steady increase since late 2007
C5	18	28	06/15/05	81.9	246	162	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	GENINORG	Perchlorate	ClO4	81.9	0.51	LANL Int BG LVL	0.05	819.0	10	ug/L	200				SW-846:6850	GELC	decreasing since 2006-7
C5	18	28	06/15/05	81.9	246	162	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	GENINORG	Perchlorate	ClO4	83.6	0.52	LANL Int BG LVL	0.05	836.0	10	ug/L	200				SW-846:6850	GELC	decreasing since 2006-7
C5	18	28	06/15/05	8.49	15.3	10.55	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	GENINORG	Magnesium	Mg	14.4	1.36	LANL Int BG LVL	6.12	1.2	0.085	mg/L	1				SW-846:6010B	GELC	
C5	18	28	06/15/05	8.49	15.3	10.55	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	GENINORG	Magnesium	Mg	15.3	1.45	LANL Int BG LVL	6.12	1.3	0.085	mg/L	1				SW-846:6010B	GELC	

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C5	18	29	06/15/05	11	20.4	16.9	29	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	11.5	0.68	LANL Int BG LVL	2.41	2.4	0.25	mg/L	25				EPA:353.2	GELC	
C5	18	29	06/15/05	11	20.4	16.9	29	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	11.6	0.69	LANL Int BG LVL	2.41	2.4	0.25	mg/L	25				EPA:353.2	GELC	
C5	18	36	06/15/05	298	476	370	36	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	476	1.29	LANL Int BG LVL	127	1.9	2.4	mg/L	1				EPA:160.1	GELC	increasing along with Cl since 2007
C5	18	36	06/15/05	298	476	370	36	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	GENINORG	Total Dissolved Solids	TDS	459	1.24	LANL Int BG LVL	127	1.8	2.4	mg/L	1				EPA:160.1	GELC	increasing along with Cl since 2007
C5	18	28	06/15/05	25.4	40.8	32.3	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	METALS	Boron	B	34.7	1.07	LANL Int BG LVL	15.12	1.2	15	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	18	28	06/15/05	25.4	40.8	32.3	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	METALS	Boron	B	35.6	1.10	LANL Int BG LVL	15.12	1.2	15	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	18	31	06/15/05	29.4	58.2	41.8	31	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	METALS	Chromium	Cr	51.1	1.22	LANL Int BG LVL	1	25.6	2.5	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	18	31	06/15/05	29.4	58.2	41.8	31	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	METALS	Chromium	Cr	50.2	1.20	LANL Int BG LVL	1	25.1	2.5	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	18	28	06/15/05	2.9	17.3	5.7	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	METALS	Nickel	Ni	14.7	2.58	LANL Int BG LVL	1	7.4	0.5	ug/L	1				SW-846:6020	GELC	
C5	18	28	06/15/05	2.9	17.3	5.7	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	METALS	Nickel	Ni	14.4	2.53	LANL Int BG LVL	1	7.2	0.5	ug/L	1				SW-846:6020	GELC	
C5	18	28	06/15/05	23.7	288	53	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10		F	CS	METALS	Zinc	Zn	26.5	0.50	LANL Int BG LVL	2	6.6	3.3	ug/L	1				SW-846:6010B	GELC	
C5	18	28	06/15/05	23.7	288	53	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	01/26/10	FD	F	CS	METALS	Zinc	Zn	26.2	0.49	LANL Int BG LVL	2	6.6	3.3	ug/L	1				SW-846:6010B	GELC	
C5	21	24	05/20/05	21.1	31.7	28.4	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/03/10		F	CS	GENINORG	Chloride	Cl(-1)	30.8	1.08	LANL Reg BG LVL	3.57	4.3	0.33	mg/L	5				EPA:300.0	GELC	
C5	21	24	05/20/05	8.68	11.3	10.1	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/03/10		F	CS	GENINORG	Magnesium	Mg	11.1	1.10	LANL Reg BG LVL	4.15	1.3	0.85	mg/L	10				SW-846:6010B	GELC	
C5	19	21	05/20/05	3.1	5.39	4.26	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/03/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	3.47	0.81	LANL Reg BG LVL	0.89	2.0	0.1	mg/L	10				EPA:353.2	GELC	
C5	21	24	05/20/05	38.1	46.3	42.6	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/03/10		F	CS	GENINORG	Sulfate	SO4(-2)	45.1	1.06	LANL Reg BG LVL	7.2	3.1	0.5	mg/L	5				EPA:300.0	GELC	
C5	22	26	05/20/05	310	468	390	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/03/10		F	CS	METALS	Chromium	Cr	321	0.82	LANL Reg BG LVL	5.75	27.9	2.5	ug/L	1				SW-846:6020	GELC	
C5	21	24	05/20/05	6.1	21.1	10.6	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	02/03/10		F	CS	METALS	Nickel	Ni	20.8	1.96	LANL Reg BG LVL	3.09	3.4	0.5	ug/L	1				SW-846:6020	GELC	
C5	5	5	02/28/09	0.612	2.02	1.9	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	01/27/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.02	1.06	LANL Reg BG LVL	0.89	1.1	0.05	mg/L	5		J+	I6b	EPA:353.2	GELC	
C5	5	8	02/28/09	8.4	17.4	13.9	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	01/27/10		F	CS	METALS	Chromium	Cr	14.4	1.04	LANL Reg BG LVL	5.75	1.3	2.5	ug/L	1				SW-846:6020	GELC	
C5	5	5	02/28/09	2.8	63.2	24.3	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45	880	01/27/10		F	CS	METALS	Zinc	Zn	22.7	0.93	LANL Reg BG LVL	3.89	2.9	3.3	ug/L	1				SW-846:6010B	GELC	
C5	27	33	10/24/01	0.296	0.444	0.34	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Water Supply	PM-5	1440	11/17/09		UF	CS	GENINORG	Perchlorate	ClO4	0.351	1.03	LANL Reg BG LVL	0.05	3.5	0.05	ug/L	1				SW-846:6850	GELC	
C5	6	7	05/10/07	13.4	24	19.1	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	SWSC Spring	0	10/15/09		F	RE	GENINORG	Chloride	Cl(-1)	19.1	1.00	LANL Int BG LVL	7.78	1.2	0.066	mg/L	1		J+	I6b	EPA:300.0	GELC	
C5	7	14	01/29/07	13.9	24.7	19.5	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	10/15/09	FD	F	RE	GENINORG	Chloride	Cl(-1)	19.5	1.00	LANL Int BG LVL	7.78	1.3	0.066	mg/L	1		J+	I6b	EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	7	14	01/29/07	13.9	24.7	19.5	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	10/15/09		F	RE	GENINORG	Chloride	Cl(-1)	19.5	1.00	LANL Int BG LVL	7.78	1.3	0.066	mg/L	1		J+	I6b	EPA:300.0	GELC	
C5	3	3	04/15/09	2.15	14.2	3.93	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 PZ-2	150	01/12/10		F	CS	METALS	Cobalt	Co	2.15	0.55	LANL Int BG LVL	0.5	2.2	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	3	3	04/15/09	2.56	6.69	5.33	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 PZ-2	150	01/12/10		F	CS	METALS	Nickel	Ni	6.69	1.26	LANL Int BG LVL	1	3.4	0.5	ug/L	1				SW-846:6020	GELC	
C5	12	14	10/31/01	0.29	0.433	0.316	14	White Rock Canyon and Rio Grande	Water Supply	Buckman 1	258	11/24/09		UF	CS	GENINORG	Perchlorate	ClO4	0.323	1.02	LANL Reg BG LVL	0.05	3.2	0.05	ug/L	1				SW-846:6850	GELC	
C5	5	6	10/31/01	0.365	0.421	0.412	5	White Rock Canyon and Rio Grande	Water Supply	Buckman 6	291	11/24/09		UF	CS	GENINORG	Perchlorate	ClO4	0.412	1.00	LANL Reg BG LVL	0.05	4.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	13	13	10/31/01	0.244	0.301	0.275	13	White Rock Canyon and Rio Grande	Water Supply	Buckman 8	380	11/24/09		UF	CS	GENINORG	Perchlorate	ClO4	0.296	1.08	LANL Reg BG LVL	0.05	3.0	0.05	ug/L	1				SW-846:6850	GELC	
C6	9	16	10/31/01	6.41	20.8	16.8	16	White Rock Canyon and Rio Grande	Water Supply	Buckman 1	258	11/24/09		UF	CS	METALS	Uranium	U	20.8	1.24	EPA MCL	30	1.4	0.05	ug/L	1				SW-846:6020	GELC	naturally occurring- similar to nearby wells
C6	9	10	10/10/02	4.4	10.2	6.6	7	White Rock Canyon and Rio Grande	Water Supply	Buckman 8	380	11/24/09		UF	CS	METALS	Arsenic	As	10.2	1.55	EPA MCL	10	2.0	1.5	ug/L	1				SW-846:6020	GELC	naturally occurring- similar to nearby wells
C6	9	15	10/31/01	14	22.8	15.9	15	White Rock Canyon and Rio Grande	Water Supply	Buckman 8	380	11/24/09		UF	CS	METALS	Uranium	U	20.7	1.30	EPA MCL	30	1.4	0.05	ug/L	1				SW-846:6020	GELC	naturally occurring- similar to nearby wells
CA	5	5	02/20/09	63.9	263	97.6	5	Sandia Canyon	Alluvial	SCA-1-DP	2.16	01/25/10		F	CS	GENINORG	Chloride	Cl(-1)	263	2.69	NM GW STD	250	1.1	3.3	mg/L	50				EPA:300.0	GELC	road salt- nearly as high at SCA-1 in winter 09 and 07
CA	9	15	07/17/00	0.136	8.75	0.558	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10	FD	F	CS	GENINORG	Fluoride	F(-1)	8.48	15.20	NM GW STD	1.6	5.3	0.33	mg/L	10		J-	I6a	EPA:300.0	GELC	road salt- parking lot runoff- chloride of 3300 mg/L and TDS of 6180 mg/L
CA	9	15	07/17/00	0.136	8.75	0.558	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	01/29/10		F	CS	GENINORG	Fluoride	F(-1)	8.75	15.68	NM GW STD	1.6	5.5	0.33	mg/L	10		J-	I6a	EPA:300.0	GELC	road salt- parking lot runoff- chloride of 3300 mg/L and TDS of 6180 mg/L
CA	1	2	02/08/10	11.6	13	12.3	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	11.6	0.94	EPA MCL	6	1.9	2.3	ug/L	1		J	SV7c	SW-846:8270C	GELC	first samples
CA	1	2	02/08/10	11.6	13	12.3	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-37-1(i)	632	02/08/10		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	13	1.06	EPA MCL	6	2.2	2.9	ug/L	1	J	J	SV7c	SW-846:8270C	GELC	first samples
CA	4	5	09/24/08	6.53	11.7	7.31	5	White Rock Canyon and Rio Grande	Water Supply	Buckman 6	291	11/24/09		UF	CS	METALS	Arsenic	As	11.7	1.60	EPA MCL	10	1.2	1.5	ug/L	1				SW-846:6020	GELC	naturally occurring- similar to nearby wells
CA	9	10	10/10/02	4.4	10.2	6.6	7	White Rock Canyon and Rio Grande	Water Supply	Buckman 8	380	11/24/09		UF	CS	METALS	Arsenic	As	10.2	1.55	EPA MCL	10	1.0	1.5	ug/L	1				SW-846:6020	GELC	naturally occurring- similar to nearby wells