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Los Alamos, New Mexico 87544
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Date: OCT 19 2010
Refer To: EP2010-0466

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

RECEIVED
OCT 2010
NM Hazardous Waste Bureau

Subject: Review of September 2010 Groundwater Data

Dear Mr. Bearzi:

Members of the Los Alamos National Laboratory Environmental Programs staff met on October 14, 2010, to review new groundwater data received in September 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 October 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 instances are the following:

- Nitrate + nitrite (as nitrogen) was found in primary and field duplicate filtered samples at Pajarito Canyon intermediate well PCI-2 at 810 mg/L and 735 mg/L; the U.S. Environmental Protection Agency (EPA) maximum contaminant level (MCL) is 10 mg/L. The total dissolved solids measurement for these samples was 120 mg/L; the nitrate + nitrite (as nitrogen) results were caused by improper sample preservation.
- Benzo(a)pyrene and pentachlorophenol were detected in an unfiltered field duplicate sample (but not the primary sample) at Pajarito Canyon intermediate well PCI-2 at 0.293 μg/L and 7.01 μg/L, respectively; the respective EPA MCL values are 0.2 μg/L and 1 μg/L.
- Nitrate + nitrite (as nitrogen) was found in a filtered sample from the 904-ft regional aquifer port of Pajarito Canyon well R-20 at 748 mg/L; the EPA MCL is 10 mg/L. The total dissolved solids measurement for this sample was 145 mg/L; the nitrate + nitrite (as nitrogen) result was caused by improper sample preservation.

- RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)was found in an unfiltered sample at Water Canyon intermediate well CdV-16-4ip at 265 µg/L; the EPA tap water screening level is 6.1 µg/L.
- Manganese was found in a filtered sample from the 1350-ft regional aquifer port of Water Canyon well CdV-R-15-3 at 313 µg/L; the New Mexico Groundwater Standard is 200 µg/L.

This letter is our written submission that meets notification requirements laid out in Section IV.A.3.g of the Compliance Order on Consent, modified on May 13, 2008. The required information for the chemical constituents that meet the seven screening criteria contained in that section is given in the accompanying report and table.

If you have questions, please contact Steve Paris at (505) 606-0915 (smparis@lanl.gov) or Hai Shen at (505) 665-5046 (hshen@doeal.gov).

Sincerely,

David R Cox for MJG

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

Sincerely,

for

George J. Rael, Manager
Environmental Projects Office
Los Alamos Site Office

MG/GR/DM/SP/DR:sm

Enclosure: Two hard copies with electronic files – Summary of New Los Alamos National Laboratory Groundwater Data Loaded in September 2010 (LA-UR-10-6816)

Cy: (w/enc.)
Neil Weber, San Ildefonso Pueblo, NM
Hai Shen, DOE-LASO, MS A316
Ed Worth, DOE-LASO, MS A316
Steve Paris, EP-CAP, MS M992
Jake Meadows, ENV-RCRA, MS K490
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-OB, White Rock, NM
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Cy: (w/o enc.)
Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
Tom Skibitski, NMED-OB, Santa Fe, NM
Annette Russell, DOE-LASO (date-stamped letter emailed)
David Rogers, EP-ET, MS M992
Mei Ding, EES-6, MS J514
Craig Douglass, EP-CAP, MS M992
Michael J. Graham, ADEP, MS M991

SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN SEPTEMBER 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 9-10 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.

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

Table 1: NMED 9-10 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
C1	8	9	12/17/03	0.33	0.33	0.33	1	Upper Los Alamos Canyon (includes DP Canyon)	Water Supply	O-4	1115	05/19/10	FD	UF	CS	VOA	Chloromethane	74-87-3	0.33	1.00	EPA TAP SCRN LVL N	190	0.0	0.3	ug/L	1	J	J	V7c	SW-846:8260B	GELC
C1	10	12	12/12/00	15.8	15.8	15.8	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	CDBO-6	34	08/02/10		UF	CS	SVOA	Benzoic Acid	65-85-0	15.8	1.00	EPA TAP SCRN LVL N	150000	0.0	6.5	ug/L	1	J	J	SV7c	SW-846:8270C	GELC
C1	2	4	05/02/10	5.73	6.54	6.14	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-52	1035.2	08/05/10	FD	UF	CS	VOA	Acetone	67-64-1	6.54	1.07	EPA TAP SCRN LVL N	22000	0.0	3.5	ug/L	1	J	J	V7c	SW-846:8260B	GELC
C1	2	4	05/02/10	5.73	6.54	6.14	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-52	1035.2	08/05/10		UF	CS	VOA	Acetone	67-64-1	5.73	0.93	EPA TAP SCRN LVL N	22000	0.0	3.5	ug/L	1	J	J	V7c	SW-846:8260B	GELC
C1	8	9	11/24/03	0.32	0.32	0.32	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Water Supply	PM-5	1440	05/19/10		UF	CS	VOA	Chloromethane	74-87-3	0.32	1.00	EPA TAP SCRN LVL N	190	0.0	0.3	ug/L	1	J	J	V7c	SW-846:8260B	GELC
C1	14	18	08/31/06	17.1	17.1	17.1	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	08/03/10		UF	CS	SVOA	Benzoic Acid	65-85-0	17.1	1.00	EPA TAP SCRN LVL N	150000	0.0	6.9	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	14	19	08/28/06	0.168	0.168	0.168	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	07/26/10		UF	CS	HEXP	RDX	121-82-4	0.168	1.00	EPA TAP SCRN LVL C-5	6.1	0.0	0.1	ug/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC
C1	6	10	06/11/09	0.323	0.323	0.323	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Anthracene	120-12-7	0.323	1.00	EPA TAP SCRN LVL N	11000	0.0	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.414	0.414	0.414	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Benzo(g,h,i)perylene	191-24-2	0.414	1.00				0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.273	0.273	0.273	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Benzo(b)fluoranthene	205-99-2	0.273	1.00	EPA TAP SCRN LVL C-5	0.29	0.9	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.343	0.343	0.343	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Fluoranthene	206-44-0	0.343	1.00	EPA TAP SCRN LVL N	1500	0.0	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.303	0.303	0.303	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Benzo(k)fluoranthene	207-08-9	0.303	1.00	EPA TAP SCRN LVL C-5	2.9	0.1	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.283	0.283	0.283	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Acenaphthylene	208-96-8	0.283	1.00				0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.323	0.323	0.323	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Chrysene	218-01-9	0.323	1.00	EPA TAP SCRN LVL C-5	29	0.0	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.293	0.293	0.293	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Benzo(a)pyrene	50-32-8	0.293	1.00	EPA MCL	0.2	1.5	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	5.1	5.1	5.1	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Tetrachlorophenol[2,3,4,6-]	58-90-2	5.1	1.00	EPA TAP SCRN LVL N	1100	0.0	2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.333	0.333	0.333	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Phenanthrene	85-01-8	0.333	1.00				0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	0.303	0.303	0.303	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Fluorene	86-73-7	0.303	1.00	EPA TAP SCRN LVL N	1500	0.0	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	10	06/11/09	7.01	7.01	7.01	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Pentachlorophenol	87-86-5	7.01	1.00	EPA MCL	1	7.0	2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	5	9	01/28/09	3.04	3.04	3.04	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	07/28/10		UF	CS	SVOA	Diethylphthalate	84-66-2	3.04	1.00	EPA TAP SCRN LVL N	29000	0.0	2.1	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	5	5	04/21/09	5.8	5.8	5.8	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	751.6	07/28/10		UF	CS	SVOA	Diethylphthalate	84-66-2	5.8	1.00	EPA TAP SCRN LVL N	29000	0.0	2.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	6	7	01/15/09	0.198	0.198	0.198	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-40	849.3	07/27/10		UF	CS	HEXP	RDX	121-82-4	0.198	1.00	EPA TAP SCRN LVL C-5	6.1	0.0	0.1	ug/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC
C1	15	19	03/15/04	28.5	28.5	28.5	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	08/03/10		UF	CS	SVOA	Diethylphthalate	84-66-2	28.5	1.00	EPA TAP SCRN LVL N	29000	0.0	2	ug/L	1				SW-846:8270C	GELC
C1	15	22	03/10/04	15.7	15.7	15.7	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	07/30/10	FD	UF	CS	SVOA	Benzoic Acid	65-85-0	15.7	1.00	EPA TAP SCRN LVL N	150000	0.0	6.5	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	15	22	03/10/04	15.7	15.7	15.7	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	07/30/10		UF	CS	SVOA	Benzoic Acid	65-85-0	15.7	1.00	EPA TAP SCRN LVL N	150000	0.0	6.5	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	8	14	02/19/09	20	20	20	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	08/12/10		UF	CS	SVOA	Benzoic Acid	65-85-0	20	1.00	EPA TAP SCRN LVL N	150000	0.0	7	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C1	8	14	02/19/09	12.1	12.1	12.1	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-39	859	08/12/10		UF	CS	SVOA	Diethylphthalate	84-66-2	12.1	1.00	EPA TAP SCRN LVL N	29000	0.0	2.3	ug/L	1				SW-846:8270C	GELC
C1	23	37	10/17/02	24.2	24.2	24.2	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	08/12/10		UF	CS	SVOA	Benzoic Acid	65-85-0	24.2	1.00	EPA TAP SCRN LVL N	150000	0.0	6.6	ug/L	1				SW-846:8270C	GELC
C1	1	1	08/31/10	265	265	265	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	DL	HEXP	RDX	121-82-4	265	1.00	EPA TAP SCRN LVL C-5	6.1	43.4	5.2	ug/L	100		J	HE7c	SW-846:8321A_MOD	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
C1	1	1	08/31/10	2.65	2.65	2.65	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	2.65	1.00	EPA TAP SCRN LVL N	73	0.0	0.1	ug/L	2		J	HE7c	SW-846:8321A_MOD	GELC
C1	1	1	08/31/10	10.4	10.4	10.4	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	HEXP	HMX	2691-41-0	10.4	1.00	EPA TAP SCRN LVL N	1800	0.0	0.1	ug/L	2				SW-846:8321A_MOD	GELC
C1	1	1	08/31/10	0.101	0.101	0.101	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	HEXP	Dinitrotoluene[2,6-]	606-20-2	0.101	1.00	EPA TAP SCRN LVL N	37	0.0	0.078	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC
C1	1	1	08/31/10	1.24	1.24	1.24	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	HEXP	Nitrotoluene[2-]	88-72-2	1.24	1.00	EPA TAP SCRN LVL C-5	3.1	0.4	0.1	ug/L	2				SW-846:8321A_MOD	GELC
C1	1	1	08/31/10	0.179	0.179	0.179	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	0.179	1.00	EPA TAP SCRN LVL N	1100	0.0	0.1	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC
C1	1	2	08/31/10	1.05	1.07	1.06	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10	FD	UF	CS	VOA	Toluene	108-88-3	1.05	0.99	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC
C1	1	2	08/31/10	1.05	1.07	1.06	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	VOA	Toluene	108-88-3	1.07	1.01	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC
C1	1	2	08/31/10	1.15	1.41	1.28	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	VOA	Tetrachloroethene	127-18-4	1.15	0.90	EPA MCL	5	0.2	0.3	ug/L	1				SW-846:8260B	GELC
C1	1	2	08/31/10	1.15	1.41	1.28	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10	FD	UF	CS	VOA	Tetrachloroethene	127-18-4	1.41	1.10	EPA MCL	5	0.3	0.3	ug/L	1				SW-846:8260B	GELC
C1	1	2	08/31/10	0.85	0.87	0.86	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	0.85	0.99	EPA TAP SCRN LVL C-5	120	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	1	2	08/31/10	0.85	0.87	0.86	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10	FD	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	0.87	1.01	EPA TAP SCRN LVL C-5	120	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	1	2	08/31/10	0.84	0.97	0.91	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	CS	VOA	Trichloroethene	79-01-6	0.84	0.92	EPA MCL	5	0.2	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	1	2	08/31/10	0.84	0.97	0.91	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10	FD	UF	CS	VOA	Trichloroethene	79-01-6	0.97	1.07	EPA MCL	5	0.2	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	12	14	01/29/02	12.6	54.5	33.6	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	08/10/10		UF	CS	SVOA	Diethylphthalate	84-66-2	54.5	1.62	EPA TAP SCRN LVL N	29000	0.0	2.3	ug/L	1		J+	SV12b	SW-846:8270C	GELC
C1	12	14	01/29/02	12.6	54.5	33.6	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1359.3	08/10/10		UF	RE	SVOA	Diethylphthalate	84-66-2	12.6	0.38	EPA TAP SCRN LVL N	29000	0.0	2.2	ug/L	1		J	SV88	SW-846:8270C	GELC
C1	10	12	01/30/02	3.53	5.4	4.47	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2	1550.6	08/10/10		UF	CS	SVOA	Diethylphthalate	84-66-2	3.53	0.79	EPA TAP SCRN LVL N	29000	0.0	2.3	ug/L	1	J	J+	SV12b	SW-846:8270C	GELC
C2	2	2	05/02/10	0.042	0.45	0.246	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-52	1035.2	08/05/10		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.45	1.83	LANL Reg BG LVL	0.05	9.0	0.016	mg/L	1		J-	I6a	EPA:350.1	GELC
C2	2	2	04/23/10	0.083	0.083	0.083	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-52	1107	08/05/10		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.083	1.00	LANL Reg BG LVL	0.05	1.7	0.016	mg/L	1		J-	I6a	EPA:350.1	GELC
C2	2	2	04/23/10	8.61	8.61	8.61	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-52	1107	08/05/10		F	CS	METALS	Zinc	Zn	8.61	1.00	LANL Reg BG LVL	3.89	2.2	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	7	9	02/06/09	0.104	0.105	0.105	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	08/06/10		F	CS	GENINORG	Bromide	Br(-1)	0.104	0.99	LANL Reg BG LVL	0.1	1.0	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	7	9	02/06/09	0.104	0.105	0.105	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-38	821.2	08/06/10	FD	F	CS	GENINORG	Bromide	Br(-1)	0.105	1.00	LANL Reg BG LVL	0.1	1.1	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	1	1	08/13/10	0.373	0.373	0.373	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-56	1046.6	08/13/10		UF	CS	GENINORG	Total Organic Carbon	TOC	0.373	1.00	LANL Reg BG LVL	0.33	1.1	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC
C2	1	1	08/13/10	16.3	16.3	16.3	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-56	1046.6	08/13/10		F	CS	METALS	Manganese	Mn	16.3	1.00	LANL Reg BG LVL	2.94	5.5	2	ug/L	1				SW-846:6010B	GELC
C2	1	1	08/13/10	2.15	2.15	2.15	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-56	1046.6	08/13/10		F	CS	METALS	Molybdenum	Mo	2.15	1.00	LANL Reg BG LVL	2	1.1	0.1	ug/L	1				SW-846:6020	GELC
C2	14	18	08/31/06	0.104	0.104	0.104	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	08/03/10		F	CS	GENINORG	Bromide	Br(-1)	0.104	1.00	LANL Avl BG LVL	0.07	1.5	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	6	8	06/11/09	0.091	810	0.11	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	810	7363.64	LANL Int BG LVL	2.41	336.1	25	mg/L	2500		J	I4a	EPA:353.2	GELC
C2	6	8	06/11/09	0.091	810	0.11	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	735	6681.82	LANL Int BG LVL	2.41	305.0	5	mg/L	500				EPA:353.2	GELC
C2	6	6	01/28/09	1.01	1.01	1.01	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	07/28/10		F	CS	METALS	Cobalt	Co	1.01	1.00	LANL Int BG LVL	0.5	2.0	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	13	16	08/31/06	0.12	0.143	0.132	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	08/10/10	FD	F	CS	METALS	Mercury	Hg	0.143	1.08	LANL Int BG LVL	0.06	2.4	0.066	ug/L	1	J	J	J_LAB	EPA:245.2	GELC
C2	15	18	03/11/04	0.102	0.102	0.102	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	08/03/10		F	CS	GENINORG	Bromide	Br(-1)	0.102	1.00	LANL Reg BG LVL	0.1	1.0	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fld QC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code
C2	15	17	03/11/04	0.0587	748	0.19	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	08/03/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	748	3936.84	LANL Reg BG LVL	0.89	840.5	13	mg/L	1250		J	I4a	EPA:353.2	GELC
C2	12	18	12/14/07	0.089	0.125	0.089	3	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	867.5	08/06/10		F	CS	GENINORG	Bromide	Br(-1)	0.125	1.40	LANL Reg BG LVL	0.1	1.3	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	12	18	12/14/07	0.026	0.259	0.047	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	867.5	08/06/10		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.259	5.51	LANL Reg BG LVL	0.16	1.6	0.015	mg/L	1		J	I4a	EPA:365.4	GELC
C2	1	1	08/31/10	0.0969	0.0969	0.0969	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		F	CS	GENINORG	Bromide	Br(-1)	0.0969	1.00	LANL Int BG LVL	0.03	3.2	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	1	1	08/31/10	0.384	0.384	0.384	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		F	CS	GENINORG	Perchlorate	ClO4	0.384	1.00	LANL Int BG LVL	0.05	7.7	0.05	ug/L	1				SW-846:6850	GELC
C2	1	1	08/31/10	115	115	115	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		F	CS	METALS	Boron	B	115	1.00	LANL Int BG LVL	15.12	7.6	15	ug/L	1				SW-846:6010B	GELC
C2	1	1	08/31/10	6.79	6.79	6.79	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		F	CS	METALS	Manganese	Mn	6.79	1.00	LANL Int BG LVL	2	3.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	1	1	08/31/10	67.1	67.1	67.1	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		F	CS	METALS	Silicon Dioxide	SiO2	67.1	1.00	LANL Int BG LVL	50.72	1.3	0.053	mg/L	1				SW-846:6010B	GELC
C2	16	20	09/16/02	0.061	26.7	0.14	11	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1254.4	08/05/10		F	CS	GENINORG	Total Kjeldahl Nitrogen	TKN	0.144	1.03	LANL Reg BG LVL	0.1	1.4	0.033	mg/L	1		J-	I6a	EPA:351.2	GELC
C2	16	18	10/11/01	0.102	0.102	0.102	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		F	CS	GENINORG	Bromide	Br(-1)	0.102	1.00	LANL Reg BG LVL	0.1	1.0	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	15	18	10/11/01	1.35	8	4	18	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		UF	CS	GENINORG	Total Organic Carbon	TOC	2.21	0.55	LANL Reg BG LVL	0.33	6.7	0.33	mg/L	1				SW-846:9060	GELC
C2	17	20	10/11/01	82.6	127	110.5	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		F	CS	METALS	Barium	Ba	82.6	0.75	LANL Reg BG LVL	56.83	1.5	1	ug/L	1				SW-846:6010B	GELC
C2	17	20	10/11/01	102	186	144	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		F	CS	METALS	Iron	Fe	133	0.92	LANL Reg BG LVL	21	6.3	30	ug/L	1				SW-846:6010B	GELC
C2	17	20	10/11/01	141	313	223	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		F	CS	METALS	Manganese	Mn	313	1.40	LANL Reg BG LVL	2.94	106.5	2	ug/L	1				SW-846:6010B	GELC
C2	1	1	08/04/10	1.21	1.21	1.21	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1640.1	08/04/10		F	CS	GENINORG	Total Organic Carbon	TOC	1.21	1.00	LANL Reg BG LVL	0.46	2.6	0.33	mg/L	1				SW-846:9060	GELC
C2	18	20	09/18/02	2.3	6.52	3.7	11	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1640.1	08/04/10		F	CS	METALS	Zinc	Zn	6.52	1.76	LANL Reg BG LVL	3.89	1.7	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C3	9	10	09/27/00	3.91	16.3	9.14	8	Guaje Canyon (includes Barrancas and Rendija Canyons)	Water Supply	G-2A	565	05/18/10		UF	CS	METALS	Arsenic	As	7.21	0.79	EPA MCL	10	1.4	1.5	ug/L	1				SW-846:6020	GELC
C3	26	38	02/24/00	0.224	9.09	0.641	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	07/14/10		UF	CS	METALS	Lead	Pb	9.09	14.18	EPA MCL	15	1.2	0.5	ug/L	1				SW-846:6020	GELC
C3	6	8	06/11/09	0.091	810	0.11	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	810	7363.64	EPA MCL	10	162.0	25	mg/L	2500		J	I4a	EPA:353.2	GELC
C3	6	8	06/11/09	0.091	810	0.11	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	735	6681.82	EPA MCL	10	147.0	5	mg/L	500				EPA:353.2	GELC
C3	6	10	06/11/09	0.273	0.273	0.273	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Benzo(b)fluoranthene	205-99-2	0.273	1.00	EPA TAP SCRN LVL C-5	0.29	1.9	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C3	6	10	06/11/09	0.293	0.293	0.293	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Benzo(a)pyrene	50-32-8	0.293	1.00	EPA MCL	0.2	2.9	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C3	6	10	06/11/09	7.01	7.01	7.01	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Pentachlorophenol	87-86-5	7.01	1.00	EPA MCL	1	14.0	2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
C3	15	17	03/11/04	0.0587	748	0.19	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	08/03/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	748	3936.84	EPA MCL	10	149.6	13	mg/L	1250		J	I4a	EPA:353.2	GELC
C3	1	1	08/31/10	265	265	265	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	DL	HEXP	RDX	121-82-4	265	1.00	EPA TAP SCRN LVL C-5	6.1	86.9	5.2	ug/L	100		J	HE7c	SW-846:8321A_MOD	GELC
C3	17	20	10/11/01	141	313	223	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		F	CS	METALS	Manganese	Mn	313	1.40	NM GW STD	200	3.1	2	ug/L	1				SW-846:6010B	GELC
C5	9	13	10/24/01	0.25	0.62	0.3	12	Guaje Canyon (includes Barrancas and Rendija Canyons)	Water Supply	G-1A	272	05/18/10		UF	CS	GENINORG	Perchlorate	ClO4	0.292	0.97	LANL Reg BG LVL	0.05	2.9	0.05	ug/L	1				SW-846:6850	GELC
C5	9	9	11/28/01	0.315	0.385	0.363	8	Guaje Canyon (includes Barrancas and Rendija Canyons)	Water Supply	G-2A	565	05/18/10		UF	CS	GENINORG	Perchlorate	ClO4	0.38	1.05	LANL Reg BG LVL	0.05	3.8	0.05	ug/L	1				SW-846:6850	GELC
C5	9	9	11/28/01	0.3	0.451	0.414	9	Guaje Canyon (includes Barrancas and Rendija Canyons)	Water Supply	G-3A	590	05/18/10		UF	CS	GENINORG	Perchlorate	ClO4	0.413	1.00	LANL Reg BG LVL	0.05	4.1	0.05	ug/L	1				SW-846:6850	GELC
C5	9	9	11/28/01	0.3	0.442	0.42	9	Guaje Canyon (includes Barrancas and Rendija Canyons)	Water Supply	G-4A	655	05/18/10		UF	CS	GENINORG	Perchlorate	ClO4	0.423	1.01	LANL Reg BG LVL	0.05	4.2	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	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
C5	10	11	10/24/01	0.3	0.54	0.38	11	Guaje Canyon (includes Barrancas and Rendija Canyons)	Water Supply	G-5A	746.6	05/18/10		UF	CS	GENINORG	Perchlorate	ClO4	0.373	0.98	LANL Reg BG LVL	0.05	3.7	0.05	ug/L	1				SW-846:6850	GELC
C5	31	35	10/24/01	1.05	2.97	1.96	35	Pueblo Canyon (includes Acid Canyon)	Water Supply	O-1	1017	05/19/10		UF	CS	GENINORG	Perchlorate	ClO4	1.05	0.54	LANL Reg BG LVL	0.05	10.5	0.1	ug/L	2				SW-846:6850	GELC
C5	29	32	10/24/01	0.354	0.55	0.381	31	Upper Los Alamos Canyon (includes DP Canyon)	Water Supply	O-4	1115	05/19/10	FD	UF	CS	GENINORG	Perchlorate	ClO4	0.372	0.98	LANL Reg BG LVL	0.05	3.7	0.05	ug/L	1				SW-846:6850	GELC
C5	29	32	10/24/01	0.354	0.55	0.381	31	Upper Los Alamos Canyon (includes DP Canyon)	Water Supply	O-4	1115	05/19/10		UF	CS	GENINORG	Perchlorate	ClO4	0.393	1.03	LANL Reg BG LVL	0.05	3.9	0.05	ug/L	1				SW-846:6850	GELC
C5	13	21	08/29/07	26.2	62.3	34.6	21	Sandia Canyon	Regional	R-35b	825.4	07/13/10		F	CS	METALS	Zinc	Zn	28.3	0.82	LANL Reg BG LVL	3.89	3.6	3.3	ug/L	1				SW-846:6010B	GELC
C5	13	21	08/29/07	26.2	62.3	34.6	21	Sandia Canyon	Regional	R-35b	825.4	07/13/10	FD	F	CS	METALS	Zinc	Zn	27.8	0.80	LANL Reg BG LVL	3.89	3.6	3.3	ug/L	1				SW-846:6010B	GELC
C5	24	26	10/24/01	0.401	0.52	0.445	24	Sandia Canyon	Water Supply	PM-1	945	05/19/10		UF	CS	GENINORG	Perchlorate	ClO4	0.444	1.00	LANL Reg BG LVL	0.05	4.4	0.05	ug/L	1				SW-846:6850	GELC
C5	27	33	10/24/01	0.366	0.58	0.416	32	Sandia Canyon	Water Supply	PM-3	956	05/19/10		UF	CS	GENINORG	Perchlorate	ClO4	0.417	1.00	LANL Reg BG LVL	0.05	4.2	0.05	ug/L	1				SW-846:6850	GELC
C5	12	13	11/14/06	0.286	0.411	0.331	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	CDBO-6	34	08/02/10		F	CS	GENINORG	Perchlorate	ClO4	0.286	0.86	LANL Avl BG LVL	0.05	2.9	0.05	ug/L	1				SW-846:6850	GELC
C5	20	25	05/25/05	5.34	7.38	6.55	25	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	07/14/10		F	CS	GENINORG	Perchlorate	ClO4	7.29	1.11	LANL Reg BG LVL	0.46	7.9	1	ug/L	20				SW-846:6850	GELC
C5	24	29	02/24/00	1.89	3.31	2.23	29	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	07/14/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.22	1.00	LANL Reg BG LVL	0.89	1.3	0.05	mg/L	5		J	I4a	EPA:353.2	GELC
C5	9	10	10/09/08	28.7	34.1	32.3	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/13/10		F	CS	GENINORG	Chloride	Cl(-1)	34.1	1.06	LANL Reg BG LVL	3.57	4.8	0.66	mg/L	10				EPA:300.0	GELC
C5	9	10	10/09/08	1.18	1.38	1.3	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/13/10		F	CS	GENINORG	Perchlorate	ClO4	1.38	1.06	LANL Reg BG LVL	0.46	1.5	0.1	ug/L	2				SW-846:6850	GELC
C5	9	10	10/09/08	11.1	13.7	12.7	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/13/10		F	CS	GENINORG	Magnesium	Mg	13.7	1.08	LANL Reg BG LVL	4.15	1.7	0.085	mg/L	1				SW-846:6010B	GELC
C5	9	10	10/09/08	5.83	7.03	6.06	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/13/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6.08	1.00	LANL Reg BG LVL	0.89	3.4	0.25	mg/L	25				EPA:353.2	GELC
C5	9	10	10/09/08	60.6	80.6	62	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/13/10		F	CS	GENINORG	Sulfate	SO4(-2)	69	1.11	LANL Reg BG LVL	7.2	4.8	1	mg/L	10				EPA:300.0	GELC
C5	9	20	10/09/08	744	1240	857	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/13/10		F	CS	METALS	Chromium	Cr	1240	1.45	LANL Reg BG LVL	5.75	107.8	50	ug/L	20				SW-846:6020	GELC
C5	9	10	10/09/08	8.8	25.3	11.2	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/13/10		F	CS	METALS	Nickel	Ni	23.8	2.13	LANL Reg BG LVL	3.09	3.9	0.5	ug/L	1				SW-846:6020	GELC
C5	9	10	10/09/08	7.7	28.1	21.6	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/13/10		F	CS	METALS	Zinc	Zn	14.4	0.67	LANL Reg BG LVL	3.89	1.9	3.3	ug/L	1				SW-846:6010B	GELC
C5	23	26	05/20/05	0.113	0.265	0.191	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/14/10		F	CS	GENINORG	Bromide	Br(-1)	0.265	1.39	LANL Reg BG LVL	0.1	1.3	0.066	mg/L	1				EPA:300.0	GELC
C5	23	26	05/20/05	21.1	31.7	28.7	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/14/10		F	CS	GENINORG	Chloride	Cl(-1)	31.7	1.10	LANL Reg BG LVL	3.57	4.4	0.33	mg/L	5				EPA:300.0	GELC
C5	23	26	05/20/05	8.68	11.3	10.15	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/14/10		F	CS	GENINORG	Magnesium	Mg	11.3	1.11	LANL Reg BG LVL	4.15	1.4	0.085	mg/L	1				SW-846:6010B	GELC
C5	21	23	05/20/05	3.1	5.39	4.26	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/14/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4.72	1.11	LANL Reg BG LVL	0.89	2.7	0.1	mg/L	10		J	I4a	EPA:353.2	GELC
C5	23	26	05/20/05	38.1	50.6	42.7	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/14/10		F	CS	GENINORG	Sulfate	SO4(-2)	47	1.10	LANL Reg BG LVL	7.2	3.3	0.5	mg/L	5				EPA:300.0	GELC
C5	24	28	05/20/05	310	558	390	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/14/10		F	CS	METALS	Chromium	Cr	558	1.43	LANL Reg BG LVL	5.75	48.5	50	ug/L	20				SW-846:6020	GELC
C5	23	26	05/20/05	6.1	21.1	11.1	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/14/10		F	CS	METALS	Nickel	Ni	20.7	1.86	LANL Reg BG LVL	3.09	3.4	0.5	ug/L	1				SW-846:6020	GELC
C5	7	7	07/13/09	0.435	0.613	0.545	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	R-37	929.3	08/05/10		F	CS	GENINORG	Perchlorate	ClO4	0.547	1.00	LANL Int BG LVL	0.05	5.5	0.05	ug/L	1				SW-846:6850	GELC
C5	7	8	04/01/09	3.89	8.69	4.73	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-41	965.3	08/09/10		F	CS	METALS	Molybdenum	Mo	4.32	0.91	LANL Reg BG LVL	2	1.1	0.1	ug/L	1				SW-846:6020	GELC
C5	15	15	11/28/01	0.295	0.366	0.337	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Water Supply	PM-4	1260	05/19/10		UF	CS	GENINORG	Perchlorate	ClO4	0.317	0.94	LANL Reg BG LVL	0.05	3.2	0.05	ug/L	1				SW-846:6850	GELC
C5	29	36	10/24/01	0.296	0.444	0.344	31	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Water Supply	PM-5	1440	05/19/10		UF	CS	GENINORG	Perchlorate	ClO4	0.345	1.00	LANL Reg BG LVL	0.05	3.5	0.05	ug/L	1				SW-846:6850	GELC
C5	15	17	08/29/06	0.268	0.388	0.306	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-BG-1	10	07/26/10		F	CS	GENINORG	Perchlorate	ClO4	0.38	1.24	LANL Avl BG LVL	0.05	3.8	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	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
C5	14	16	08/31/06	0.266	0.417	0.333	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	07/30/10		F	CS	GENINORG	Perchlorate	ClO4	0.404	1.21	LANL Avl BG LVL	0.05	4.0	0.05	ug/L	1				SW-846:6850	GELC
C5	14	18	08/31/06	0.214	0.568	0.312	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	08/03/10		F	CS	GENINORG	Perchlorate	ClO4	0.312	1.00	LANL Avl BG LVL	0.05	3.1	0.05	ug/L	1				SW-846:6850	GELC
C5	14	19	08/28/06	51.3	320	103	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	07/26/10		F	CS	GENINORG	Chloride	Cl(-1)	179	1.74	LANL Avl BG LVL	69.76	1.3	1.3	mg/L	20				EPA:300.0	GELC
C5	14	19	08/28/06	0.0972	0.242	0.15	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	07/26/10		F	CS	GENINORG	Perchlorate	ClO4	0.211	1.41	LANL Avl BG LVL	0.05	2.1	0.05	ug/L	1				SW-846:6850	GELC
C5	14	19	08/28/06	45.1	126	64.5	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	07/26/10		F	CS	GENINORG	Sodium	Na	94.7	1.47	LANL Avl BG LVL	15.54	3.1	0.1	mg/L	1				SW-846:6010B	GELC
C5	14	21	08/28/06	235	798	376	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	07/26/10		F	CS	GENINORG	Total Dissolved Solids	TDS	481	1.28	LANL Avl BG LVL	139	1.7	2.4	mg/L	1				EPA:160.1	GELC
C5	14	19	08/28/06	103	475	178	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	07/26/10		F	CS	METALS	Barium	Ba	257	1.44	LANL Avl BG LVL	68.57	1.9	1	ug/L	1				SW-846:6010B	GELC
C5	14	19	08/28/06	128	524	223	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	07/26/10		F	CS	METALS	Strontium	Sr	283	1.27	LANL Avl BG LVL	120	1.2	1	ug/L	1				SW-846:6010B	GELC
C5	6	8	06/11/09	0.16	0.192	0.173	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10		F	CS	GENINORG	Perchlorate	ClO4	0.184	1.06	LANL Int BG LVL	0.05	1.8	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	6	8	06/11/09	0.16	0.192	0.173	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	F	CS	GENINORG	Perchlorate	ClO4	0.172	0.99	LANL Int BG LVL	0.05	1.7	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	6	6	01/28/09	93	120	114	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	07/28/10		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	118	1.04	LANL Int BG LVL	52	1.1	0.73	mg/L	1				EPA:310.1	GELC
C5	6	6	01/28/09	106	398	340	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	07/28/10		F	CS	METALS	Manganese	Mn	366	1.08	LANL Int BG LVL	2	91.5	2	ug/L	1				SW-846:6010B	GELC
C5	6	6	01/28/09	9.7	22	18.5	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	649.7	07/28/10		F	CS	METALS	Molybdenum	Mo	16.9	0.91	LANL Int BG LVL	2	4.2	0.1	ug/L	1				SW-846:6020	GELC
C5	5	5	04/21/09	9.74	400	48.4	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	751.6	07/28/10		F	CS	METALS	Manganese	Mn	9.74	0.20	LANL Int BG LVL	2	2.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	5	5	04/21/09	6.42	12.9	9.32	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	751.6	07/28/10		F	CS	METALS	Molybdenum	Mo	6.42	0.69	LANL Int BG LVL	2	1.6	0.1	ug/L	1				SW-846:6020	GELC
C5	5	5	04/21/09	5.77	909	22.7	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-40	751.6	07/28/10		F	CS	METALS	Zinc	Zn	5.77	0.25	LANL Int BG LVL	2	1.4	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	11	12	09/06/07	0.097	0.151	0.132	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	08/09/10		F	CS	GENINORG	Bromide	Br(-1)	0.151	1.14	LANL Int BG LVL	0.03	2.5	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C5	11	12	09/06/07	6.93	36.7	28.05	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	08/09/10		F	CS	GENINORG	Chloride	Cl(-1)	19.4	0.69	LANL Int BG LVL	7.78	1.3	0.13	mg/L	2				EPA:300.0	GELC
C5	11	12	09/06/07	0.11	0.291	0.181	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	08/09/10		F	CS	GENINORG	Perchlorate	ClO4	0.29	1.60	LANL Int BG LVL	0.05	2.9	0.05	ug/L	1				SW-846:6850	GELC
C5	16	18	10/03/06	0.146	0.263	0.218	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	08/04/10		F	CS	GENINORG	Perchlorate	ClO4	0.263	1.21	LANL Int BG LVL	0.05	2.6	0.05	ug/L	1				SW-846:6850	GELC
C5	15	16	10/11/06	0.186	0.29	0.246	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	08/04/10		F	CS	GENINORG	Perchlorate	ClO4	0.29	1.18	LANL Int BG LVL	0.05	2.9	0.05	ug/L	1				SW-846:6850	GELC
C5	13	13	06/21/05	0.262	0.474	0.313	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	PC Spring	0	08/05/10		F	CS	GENINORG	Perchlorate	ClO4	0.327	1.04	LANL Int BG LVL	0.05	3.3	0.05	ug/L	1				SW-846:6850	GELC
C5	14	25	06/20/05	0.113	0.405	0.243	25	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	08/10/10		F	CS	GENINORG	Perchlorate	ClO4	0.211	0.87	LANL Int BG LVL	0.05	2.1	0.05	ug/L	1				SW-846:6850	GELC
C5	15	16	09/10/04	3.57	25.1	14.95	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Starmer Spring	0	08/10/10		F	CS	GENINORG	Chloride	Cl(-1)	19	1.27	LANL Int BG LVL	7.78	1.2	0.13	mg/L	2		J+	I6b	EPA:300.0	GELC
C5	14	14	06/21/05	0.173	0.457	0.252	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Starmer Spring	0	08/10/10		F	CS	GENINORG	Perchlorate	ClO4	0.212	0.84	LANL Int BG LVL	0.05	2.1	0.05	ug/L	1				SW-846:6850	GELC
C5	13	16	08/31/06	3.56	35.7	23.4	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	08/10/10		F	CS	GENINORG	Chloride	Cl(-1)	16.8	0.72	LANL Int BG LVL	7.78	1.1	0.066	mg/L	1		J+	I6b	EPA:300.0	GELC
C5	13	16	08/31/06	3.56	35.7	23.4	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	08/10/10	FD	F	CS	GENINORG	Chloride	Cl(-1)	16.9	0.72	LANL Int BG LVL	7.78	1.1	0.066	mg/L	1		J+	I6b	EPA:300.0	GELC
C5	13	16	08/31/06	0.189	0.447	0.281	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	08/10/10	FD	F	CS	GENINORG	Perchlorate	ClO4	0.189	0.67	LANL Int BG LVL	0.05	1.9	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	13	16	08/31/06	0.189	0.447	0.281	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	08/10/10		F	CS	GENINORG	Perchlorate	ClO4	0.2	0.71	LANL Int BG LVL	0.05	2.0	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	13	13	08/22/06	0.324	0.633	0.408	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	08/09/10		F	CS	GENINORG	Perchlorate	ClO4	0.464	1.14	LANL Int BG LVL	0.05	4.6	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	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
C5	15	15	09/26/00	1.69	32	9	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-19	1190.7	07/29/10		F	CS	METALS	Manganese	Mn	10.7	1.19	LANL Reg BG LVL	2.94	1.8	2	ug/L	1				SW-846:6010B	GELC
C5	15	18	03/11/04	11.9	28.5	16.5	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	08/03/10		F	CS	METALS	Manganese	Mn	25.1	1.52	LANL Reg BG LVL	2.94	4.3	2	ug/L	1				SW-846:6010B	GELC
C5	13	21	03/10/04	1.26	51.7	2.53	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	07/30/10	FD	UF	CS	GENINORG	Total Organic Carbon	TOC	2.16	0.85	LANL Reg BG LVL	0.33	3.3	0.33	mg/L	1				SW-846:9060	GELC
C5	13	21	03/10/04	1.26	51.7	2.53	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	07/30/10		UF	CS	GENINORG	Total Organic Carbon	TOC	2.03	0.80	LANL Reg BG LVL	0.33	3.1	0.33	mg/L	1				SW-846:9060	GELC
C5	15	20	03/10/04	113	253	180	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	07/30/10	FD	F	CS	METALS	Barium	Ba	176	0.98	LANL Reg BG LVL	56.83	1.6	1	ug/L	1				SW-846:6010B	GELC
C5	15	20	03/10/04	113	253	180	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	07/30/10		F	CS	METALS	Barium	Ba	173	0.96	LANL Reg BG LVL	56.83	1.5	1	ug/L	1				SW-846:6010B	GELC
C5	15	21	03/10/04	47.1	392	72.2	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	07/30/10	FD	F	CS	METALS	Manganese	Mn	67.4	0.93	LANL Reg BG LVL	2.94	11.5	2	ug/L	1				SW-846:6010B	GELC
C5	15	21	03/10/04	47.1	392	72.2	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1147.1	07/30/10		F	CS	METALS	Manganese	Mn	65.9	0.91	LANL Reg BG LVL	2.94	11.2	2	ug/L	1				SW-846:6010B	GELC
C5	11	17	12/14/07	0.401	4.87	1.33	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	867.5	08/06/10		UF	CS	GENINORG	Total Organic Carbon	TOC	0.748	0.56	LANL Reg BG LVL	0.33	1.1	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC
C5	12	18	12/14/07	27.2	103	42.6	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	867.5	08/06/10		F	CS	METALS	Zinc	Zn	41.9	0.98	LANL Reg BG LVL	3.89	5.4	3.3	ug/L	1				SW-846:6010B	GELC
C5	17	20	10/11/01	102	186	144	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		F	CS	METALS	Iron	Fe	133	0.92	LANL Reg BG LVL	21	3.2	30	ug/L	1				SW-846:6010B	GELC
C5	17	20	10/11/01	141	313	223	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		F	CS	METALS	Manganese	Mn	313	1.40	LANL Reg BG LVL	2.94	53.2	2	ug/L	1				SW-846:6010B	GELC
C5	18	20	09/18/02	26.2	374	134.5	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1640.1	08/04/10		F	CS	METALS	Manganese	Mn	53.8	0.40	LANL Reg BG LVL	2.94	9.2	2	ug/L	1				SW-846:6010B	GELC
C6	20	25	05/25/05	5.34	7.38	6.55	25	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	07/14/10		F	CS	GENINORG	Perchlorate	ClO4	7.29	1.11	NM GW CONS	4	3.7	1	ug/L	20				SW-846:6850	GELC
C6	6	8	06/11/09	0.091	810	0.11	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	810	7363.64	EPA MCL	10	162.0	25	mg/L	2500		J	I4a	EPA:353.2	GELC
C6	6	8	06/11/09	0.091	810	0.11	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	735	6681.82	EPA MCL	10	147.0	5	mg/L	500				EPA:353.2	GELC
CA	6	8	06/11/09	0.091	810	0.11	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	810	7363.64	EPA MCL	10	81.0	25	mg/L	2500		J	I4a	EPA:353.2	GELC
CA	6	8	06/11/09	0.091	810	0.11	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	735	6681.82	EPA MCL	10	73.5	5	mg/L	500				EPA:353.2	GELC
CA	6	10	06/11/09	0.293	0.293	0.293	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Benzo(a)pyrene	50-32-8	0.293	1.00	EPA MCL	0.2	1.5	0.2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
CA	6	10	06/11/09	7.01	7.01	7.01	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	08/02/10	FD	UF	CS	SVOA	Pentachlorophenol	87-86-5	7.01	1.00	EPA MCL	1	7.0	2	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC
CA	15	17	03/11/04	0.0587	748	0.19	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	904.6	08/03/10		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	748	3936.84	EPA MCL	10	74.8	13	mg/L	1250		J	I4a	EPA:353.2	GELC
CA	1	1	08/31/10	265	265	265	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip	820	08/31/10		UF	DL	HEXP	RDX	121-82-4	265	1.00	EPA TAP SCRN LVL C-5	6.1	43.4	5.2	ug/L	100		J	HE7c	SW-846:8321A_MOD	GELC
CA	17	20	10/11/01	141	313	223	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-15-3	1350.1	08/04/10		F	CS	METALS	Manganese	Mn	313	1.40	NM GW STD	200	1.6	2	ug/L	1				SW-846:6010B	GELC