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Date: JUL 28 2015
Refer To: ADESH-15-103
LAUR: 15-25046
Locates Action No.: N/A

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

Subject: Monthly Notification of Groundwater Data Reviewed in July 2015

Dear Mr. Kieling:

This letter is Los Alamos National Laboratory's (LANL's) written submission that meets notification requirements presented in Section IV.A.3.g, Notification, of the Compliance Order on Consent (Consent Order). Members of LANL's Environmental Programs met on July 14, 2015, to review new groundwater data received in July 2015. This report was prepared by comparing the data against groundwater cleanup levels, as defined in Section VIII.A.1 of the Consent Order. For comparison with U.S. Environmental Protection Agency tap water standards, the carcinogenic risk was adjusted to 1×10^{-5}, as specified in the Consent Order.

This report also includes analytical data from samples collected in San Ildefonso Pueblo, which are subject to reporting at this time. These data have been reviewed by San Ildefonso Pueblo. This review is required under the Memorandum of Agreement dated May 28, 2014, between the U.S. Department of Energy, National Nuclear Security Administration, Los Alamos Field Office, and San Ildefonso Pueblo.

1-Day Notification

There were eleven instances of a constituent including a contaminant detected in an internal well screen or spring at a concentration that exceeded the New Mexico Water Quality Control Commission or federal water quality standards for the first time (based on samples collected since June 14, 2007). Two of the instances were from the first groundwater samples collected at newly installed intermediate well CdV-9-1i. The remaining nine instances were from quality assurance (QA) samples collected from piezometers supporting the Sandia Wetland Stabilization Monitoring. These QA samples were the first samples sent to an off-site analytical laboratory for analyses and therefore were incorporated into the notification's screening process. Sandia Wetland Stabilization Monitoring results are presented in an annual performance monitoring report. The Laboratory would like to discuss the exclusion of analytical

results from locations other than groundwater monitoring wells or springs from future groundwater monthly notifications. One-day notification of these results by telephone and e-mail occurred on July 15, 2015. The accompanying report and table present the required information for the contaminants and other chemical parameters that meet the reporting criteria and requiring oral notification within 1 day.

15-Day Notification

The accompanying report and table present the required information for the contaminants and other chemical parameters that meet the six reporting criteria requiring written notification within 15 days.

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

Sincerely,

Bruce Robinson, Program Director
Environmental Remediation Program
Los Alamos National Laboratory

Sincerely,

Christine Gelles, Acting Manager
Environmental Management
Los Alamos Field Office

BR/CG/SP:sm

Enclosure: Two hard copies with electronic files – Summary of Groundwater Data Reviewed in July 2015 That Meet Notification Requirements (EP2015-0129)

Cy: (w/enc.)
Steve Paris, ADEP ER Program, MS M992
Public Reading Room (EPRR)
ADESH Records

Cy: (Letter and CD and/or DVD)
Laurie King, EPA Region 6, Dallas, TX
emla.docs@em.doe.gov, MS A316
Steve Yanicak, NMED-DOE-OB, MS M894
Raymond Martinez, San Ildefonso Pueblo, NM
Dino Chavarria, Santa Clara Pueblo, NM
Jake Meadows, ADESH-ENV-CP, MS K490
PRS Database

Cy: (w/o enc./date-stamped letter emailed)
Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
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Kimberly Davis Lebak, DOE-NA-LA
Peter Maggiore, DOE-NA-LA
Annette Russell, DOE-EM-LA
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David Rhodes, DOE-EM-LA
Tim Goering, ADEP ER Program
Stanislaw Marczak, ADEP ER Program
Steve Veenis, ADEP ER Program

Tadz Kostrubala, ADEP ER Program
Danny Katzman, ADEP ER Program
Mei Ding, EES-14
Bruce Robinson, ADEP ER Program
Randy Erickson, ADEP
Jocelyn Buckley, ADESH-ENV-CP
Mike Saladen, ADESH-ENV-CP
Tony Grieggs, ADESH-ENV-CP
Alison Dorries, ADESH-ENV-DO
Michael Brandt, ADESH
Amy De Palma, PADOPS
Craig Leasure, PADOPS

SUMMARY OF GROUNDWATER DATA REVIEWED IN JULY 2015
THAT MEET NOTIFICATION REQUIREMENTS

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 and contains results for chemical constituents that meet the six screening criteria laid out in the Compliance Order on Consent (Consent Order). 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 6-15 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 may be similar to data gathered before June 14, 2007.

This table includes the following:

- Additional comments on results that appear to be exceptional or based on consideration of monitoring data acquired before the current result (using statistics described below)
- Supplemental information summarizing monitoring results obtained before the current result
- Sampling date, name of the well or spring, location of the well or spring, depth of the screened interval, 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.

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). The EPA regional screening levels for tap water are either for cancer (10^{-6} excess risk) or noncancer risk values. The data were screened using 10 times the EPA's 10^{-6} excess cancer risk values, to achieve 10^{-5} excess cancer risk 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

1-Day Notification Requirement

The "CA" value is used in the "Criteria Code" column of the report. The "CA" represents the data that 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 the well screen interval or spring. The Respondents notify the Department orally within one business day after review of such analytical data and also include the data in the 15-day notification table.

15-Day Notification Requirement

The table is divided into separate categories that correspond to the six screening criteria in the Consent Order. Some data meet more than one of the criteria and appear in the table multiple times. The table also presents only the instances where the results exceed criteria; therefore, all six criteria may not appear in the table.

The criteria are as follows:

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 prior to the current result. The columns provide summary statistics 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 the 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

Screen Depth—depth of top of well screen in feet (0 for springs, –1 if unknown)

Start Date—sample date

Fld QC Type Code—identifies regular samples (REG) or field duplicates (FD)

Fld Prep Code—identifies whether samples are filtered or unfiltered

Lab Sample Type Code—indicates whether result is a primary sample (INIT) or reanalysis (RE)

Anyl Suite Code—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—analytical result in standard measurement units

Result/Median—ratio of the Std Result to the median of all detections since 2000

LVL Type/Risk Code—type of regulatory standard, screening level, or background value (indicating groundwater zone) used for comparison

Screen Level—value of the LVL Type/Risk Code

Exceedance Ratio—ratio of Std Result to LVL Type/Risk Code. In earlier versions of this report, the ratio was divided by the basis for comparison in the criterion, but that is no longer the case. For example, for a criterion (such as C3) that compares the value to one-half the standard, a value equal to a standard previously had an exceedance ratio of 2. The current report shows this ratio as 1.

Std Mdl—method detection limit in standard measurement units

Std Uom—standard units of measurement

Dilution Factor—amount by which the sample was diluted to measure the concentration

Lab Qual Code—analytical laboratory qualifiers indicating analytical quality of the sample

Validation Flag—secondary validation qualifier

Validation Reason Code—concatenated secondary validation codes explaining assignment of qualifiers

Anyl Meth Code—analytical method number

Lab Code—analytical laboratory name

Comment—comment on the analytical result

Table 1: NMED 6-15 Groundwater Report

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C1	1	2	05/21/15	0.756	0.769	0.7625	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	0.756	1	EPA TAP SCRN LVL	39	0	0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.756	0.769	0.7625	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	0.769	1	EPA TAP SCRN LVL	39	0	0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.446	0.47	0.458	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	0.446	1	EPA TAP SCRN LVL	39	0	0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.446	0.47	0.458	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	0.47	1	EPA TAP SCRN LVL	39	0	0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.179	0.188	0.1835	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	LCMS/MS HIGH EXPLOSIVES	DNX	DNX	0.188	1				0.0865	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.179	0.188	0.1835	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	LCMS/MS HIGH EXPLOSIVES	DNX	DNX	0.179	1				0.0865	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	3.46	3.56	3.51	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	HEXP	HMX	2691-41-0	3.56	1	EPA TAP SCRN LVL	1000	0	0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	3.46	3.56	3.51	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	HEXP	HMX	2691-41-0	3.46	1	EPA TAP SCRN LVL	1000	0	0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	1.23	1.24	1.235	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	VOC	Methyl tert-Butyl Ether	1634-04-4	1.23	1	EPA TAP SCRN LVL	140	0	0.3	ug/L	1		NQ	NQ	SW-846:8260B	GELC	Newly constructed well
C1	1	2	05/21/15	1.23	1.24	1.235	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	VOC	Methyl tert-Butyl Ether	1634-04-4	1.24	1	EPA TAP SCRN LVL	140	0	0.3	ug/L	1		NQ	NQ	SW-846:8260B	GELC	Newly constructed well
C1	1	2	05/21/15	0.414	0.415	0.4145	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	LCMS/MS HIGH EXPLOSIVES	MNX	MNX	0.415	1				0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.414	0.415	0.4145	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	LCMS/MS HIGH EXPLOSIVES	MNX	MNX	0.414	1				0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.0941	0.119	0.10655	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	HEXP	Nitrotoluene[2-]	88-72-2	0.119	1.1	EPA TAP SCRN LVL	3.1	0	0.0886	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.0941	0.119	0.10655	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	HEXP	Nitrotoluene[2-]	88-72-2	0.0941	0.9	EPA TAP SCRN LVL	3.1	0	0.0886	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.0000176	0.0000176	0.0000176	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	DIOXINS FURANS	Octachlorodibenzodioxin [1,2,3,4,6,7,8,9-]	3268-87-9	0.0000176	1				0.0000363	ug/L	1	J	J	J_LAB	SW-846:8290A	CFA	Newly constructed well
C1	1	2	05/21/15	32.4	37.3	34.85	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	DL	HEXP	RDX	121-82-4	32.4	0.9	EPA TAP SCRN LVL	7	4.6	0.432	ug/L	10		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	32.4	37.3	34.85	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	DL	HEXP	RDX	121-82-4	37.3	1.1	EPA TAP SCRN LVL	7	5.3	0.432	ug/L	10		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.93	1	0.965	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	VOC	Tetrachloroethene	127-18-4	1	1	EPA MCL	5	0.2	0.3	ug/L	1		NQ	NQ	SW-846:8260B	GELC	Newly constructed well
C1	1	2	05/21/15	0.93	1	0.965	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	VOC	Tetrachloroethene	127-18-4	0.93	1	EPA MCL	5	0.2	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	Newly constructed well
C1	1	2	05/21/15	0.332	0.35	0.341	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	LCMS/MS HIGH EXPLOSIVES	TNX	TNX	0.332	1				0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.332	0.35	0.341	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	LCMS/MS HIGH EXPLOSIVES	TNX	TNX	0.35	1				0.0865	ug/L	2		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C1	1	2	05/21/15	0.31	0.38	0.345	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	INIT	VOC	Trichloroethene	79-01-6	0.38	1.1	EPA MCL	5	0.1	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	Newly constructed well
C1	1	2	05/21/15	0.31	0.38	0.345	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	INIT	VOC	Trichloroethene	79-01-6	0.31	0.9	EPA MCL	5	0.1	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	Newly constructed well
C1	11	12	06/01/05	4.39	4.39	4.39	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	05/07/15	REG	UF	INIT	SVOC	Bis(2-ethylhexyl)phthalate	117-81-7	4.39	1	EPA MCL	6	0.7	1.5	ug/L	1	J	J	J_LAB	SW-846:8270D	GELC	
C1	14	18	10/19/06	3.16	3.97	3.565	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17 S1	1057	04/20/15	REG	UF	INIT	SVOC	Bis(2-ethylhexyl)phthalate	117-81-7	3.16	0.9	EPA MCL	6	0.5	3	ug/L	1	J	J	J_LAB	SW-846:8270D	GELC	
C1	14	17	10/19/06	3.62	15.8	9.71	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17 S1	1057	04/20/15	REG	UF	INIT	SVOC	Phenol	108-95-2	3.62	0.4	NM GW STD	5	0.7	3	ug/L	1	J	J	J_LAB	SW-846:8270D	GELC	
C2	1	1	05/29/15	120	120	120	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	120	1	LANL Avl BG LVL	76	1.6	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	170	170	170	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	170	1	LANL Avl BG LVL	76	2.2	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	0.16	0.16	0.16	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Ammonia as Nitrogen	NH3-N	0.16	1	LANL Avl BG LVL	0.04	4	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	1.36	1.36	1.36	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Ammonia as Nitrogen	NH3-N	1.36	1	LANL Avl BG LVL	0.04	34	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	6.22	6.22	6.22	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Arsenic	As	6.22	1	LANL Avl BG LVL	6	1	1.7	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C2	1	1	05/29/15	118	118	118	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Barium	Ba	118	1	LANL Avl BG LVL	68.57	1.7	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	53.7	53.7	53.7	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Boron	B	53.7	1	LANL Avl BG LVL	51.89	1	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	75	75	75	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Boron	B	75	1	LANL Avl BG LVL	51.89	1.4	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	1.27	1.27	1.27	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	1.27	1	LANL Avl BG LVL	0.07	18.1	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	1.44	1.44	1.44	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	1.44	1	LANL Avl BG LVL	0.07	20.6	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	34.7	34.7	34.7	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Calcium	Ca	34.7	1	LANL Avl BG LVL	26.36	1.3	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	85.9	85.9	85.9	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	85.9	1	LANL Avl BG LVL	69.76	1.2	1.34	mg/L	20		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	5.23	5.23	5.23	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Chromium	Cr	5.23	1	LANL Avl BG LVL	1	5.2	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	51.7	51.7	51.7	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Chromium	Cr	51.7	1	LANL Avl BG LVL	1	51.7	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	0.322	0.322	0.322	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.322	1	LANL Avl BG LVL	0.27	1.2	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	0.615	0.615	0.615	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.615	1	LANL Avl BG LVL	0.27	2.3	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	8890	8890	8890	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Iron	Fe	8890	1	LANL Avl BG LVL	8240	1.1	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	0.686	0.686	0.686	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Lead	Pb	0.686	1	LANL Avl BG LVL	0.5	1.4	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	115	115	115	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Manganese	Mn	115	1	LANL Avl BG LVL	2	57.5	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	1500	1500	1500	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Manganese	Mn	1500	1	LANL Avl BG LVL	2	750	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	10.9	10.9	10.9	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Molybdenum	Mo	10.9	1	LANL Avl BG LVL	2	5.5	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	3.08	3.08	3.08	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Molybdenum	Mo	3.08	1	LANL Avl BG LVL	2	1.5	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	1.08	1.08	1.08	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Nickel	Ni	1.08	1	LANL Avl BG LVL	1	1.1	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	1.2	1.2	1.2	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Nickel	Ni	1.2	1	LANL Avl BG LVL	1	1.2	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	10.8	10.8	10.8	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Potassium	K	10.8	1	LANL Avl BG LVL	5.21	2.1	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	12.5	12.5	12.5	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Potassium	K	12.5	1	LANL Avl BG LVL	5.21	2.4	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	72	72	72	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Silicon Dioxide	SiO2	72	1	LANL Avl BG LVL	64.21	1.1	0.053	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	85.9	85.9	85.9	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Silicon Dioxide	SiO2	85.9	1	LANL Avl BG LVL	64.21	1.3	0.053	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	75.5	75.5	75.5	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Sodium	Na	75.5	1	LANL Avl BG LVL	15.54	4.9	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	79.6	79.6	79.6	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Sodium	Na	79.6	1	LANL Avl BG LVL	15.54	5.1	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	177	177	177	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Strontium	Sr	177	1	LANL Avl BG LVL	120	1.5	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	359	359	359	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	359	1	LANL Avl BG LVL	139	2.6	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	411	411	411	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	411	1	LANL Avl BG LVL	139	3	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	2.57	2.57	2.57	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	2.57	1	LANL Avl BG LVL	0.05	51.4	0.017	mg/L	1		J	I4a	EPA:365.4	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	3.12	3.12	3.12	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	3.12	1	LANL Avl BG LVL	0.05	62.4	0.085	mg/L	5		J	I4a	EPA:365.4	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	1.43	1.43	1.43	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Vanadium	V	1.43	1	LANL Avl BG LVL	1	1.4	1	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/29/15	3.87	3.87	3.87	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Vanadium	V	3.87	1	LANL Avl BG LVL	1	3.9	1	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	Sandia Canyon piezometer sample

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C2	1	1	05/29/15	4.81	4.81	4.81	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Zinc	Zn	4.81	1	LANL Avl BG LVL	2	2.4	3.3	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	159	171	165	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	171	1	LANL Avl BG LVL	76	2.3	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	159	171	165	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	159	1	LANL Avl BG LVL	76	2.1	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	1.66	1.77	1.715	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	GENINORG	Ammonia as Nitrogen	NH3-N	1.77	1	LANL Avl BG LVL	0.04	44.3	0.017	mg/L	1		J	I4a	EPA:350.1	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	1.66	1.77	1.715	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Ammonia as Nitrogen	NH3-N	1.66	1	LANL Avl BG LVL	0.04	41.5	0.017	mg/L	1		J	I4a	EPA:350.1	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	75.3	80.4	77.85	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Barium	Ba	75.3	1	LANL Avl BG LVL	68.57	1.1	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	75.3	80.4	77.85	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Barium	Ba	80.4	1	LANL Avl BG LVL	68.57	1.2	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	67.8	71.2	69.5	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Boron	B	67.8	1	LANL Avl BG LVL	51.89	1.3	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	67.8	71.2	69.5	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Boron	B	71.2	1	LANL Avl BG LVL	51.89	1.4	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	1.05	1.12	1.085	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	GENINORG	Bromide	Br(-1)	1.12	1	LANL Avl BG LVL	0.07	16	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	1.05	1.12	1.085	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	1.05	1	LANL Avl BG LVL	0.07	15	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	25.4	27.1	26.25	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Calcium	Ca	27.1	1	LANL Avl BG LVL	26.36	1	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	7.18	7.18	7.18	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Chromium	Cr	7.18	1	LANL Avl BG LVL	1	7.2	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	7.18	7.18	7.18	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Chromium	Cr	7.18	1	LANL Avl BG LVL	1	7.2	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	0.655	0.723	0.689	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	GENINORG	Fluoride	F(-1)	0.723	1	LANL Avl BG LVL	0.27	2.7	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	0.655	0.723	0.689	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.655	1	LANL Avl BG LVL	0.27	2.4	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	1620	1730	1675	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Manganese	Mn	1620	1	LANL Avl BG LVL	2	810	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	1620	1730	1675	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Manganese	Mn	1730	1	LANL Avl BG LVL	2	865	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	7.32	7.85	7.585	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	GENINORG	Potassium	K	7.32	1	LANL Avl BG LVL	5.21	1.4	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	7.32	7.85	7.585	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Potassium	K	7.85	1	LANL Avl BG LVL	5.21	1.5	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	63.8	68.3	66.05	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Silicon Dioxide	SiO2	68.3	1	LANL Avl BG LVL	64.21	1.1	0.053	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	67.3	70.7	69	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	GENINORG	Sodium	Na	67.3	1	LANL Avl BG LVL	15.54	4.3	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	67.3	70.7	69	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Sodium	Na	70.7	1	LANL Avl BG LVL	15.54	4.5	0.1	mg/L	1		J+	I6b	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	164	165	164.5	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Strontium	Sr	164	1	LANL Avl BG LVL	120	1.4	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	164	165	164.5	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Strontium	Sr	165	1	LANL Avl BG LVL	120	1.4	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	317	346	331.5	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	GENINORG	Total Dissolved Solids	TDS	346	1	LANL Avl BG LVL	139	2.5	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	317	346	331.5	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	317	1	LANL Avl BG LVL	139	2.3	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	3.86	3.99	3.925	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	3.99	1	LANL Avl BG LVL	0.05	79.8	0.085	mg/L	5		J	I4a	EPA:365.4	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	3.86	3.99	3.925	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	3.86	1	LANL Avl BG LVL	0.05	77.2	0.085	mg/L	5		J	I4a	EPA:365.4	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	3.91	4.35	4.13	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Zinc	Zn	3.91	0.9	LANL Avl BG LVL	2	2	3.3	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/27/15	3.91	4.35	4.13	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Zinc	Zn	4.35	1.1	LANL Avl BG LVL	2	2.2	3.3	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	135	135	135	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	135	1	LANL Avl BG LVL	76	1.8	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	Sandia Canyon piezometer sample

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C2	1	1	05/26/15	0.153	0.153	0.153	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Ammonia as Nitrogen	NH3-N	0.153	1	LANL Avl BG LVL	0.04	3.8	0.017	mg/L	1		J	I4a	EPA:350.1	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	69.4	69.4	69.4	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Barium	Ba	69.4	1	LANL Avl BG LVL	68.57	1	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	55.6	55.6	55.6	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Boron	B	55.6	1	LANL Avl BG LVL	51.89	1.1	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	1.27	1.27	1.27	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	1.27	1	LANL Avl BG LVL	0.07	18.1	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	38.1	38.1	38.1	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Chromium	Cr	38.1	1	LANL Avl BG LVL	1	38.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	0.347	0.347	0.347	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.347	1	LANL Avl BG LVL	0.27	1.3	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	0.998	0.998	0.998	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Lead	Pb	0.998	1	LANL Avl BG LVL	0.5	2	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	375	375	375	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Manganese	Mn	375	1	LANL Avl BG LVL	2	187.5	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	11.5	11.5	11.5	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Molybdenum	Mo	11.5	1	LANL Avl BG LVL	2	5.8	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	15.3	15.3	15.3	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Potassium	K	15.3	1	LANL Avl BG LVL	5.21	2.9	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	80.9	80.9	80.9	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Silicon Dioxide	SiO2	80.9	1	LANL Avl BG LVL	64.21	1.3	0.053	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	75.5	75.5	75.5	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Sodium	Na	75.5	1	LANL Avl BG LVL	15.54	4.9	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	314	314	314	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	314	1	LANL Avl BG LVL	139	2.3	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	2.9	2.9	2.9	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	2.9	1	LANL Avl BG LVL	0.05	58	0.017	mg/L	1		J	I4a	EPA:365.4	GELC	Sandia Canyon piezometer sample
C2	1	1	05/26/15	8.76	8.76	8.76	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Vanadium	V	8.76	1	LANL Avl BG LVL	1	8.8	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C2	1	2	05/21/15	62.7	63.3	63	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	62.7	1	LANL Int BG LVL	52	1.2	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	Newly constructed well
C2	1	2	05/21/15	62.7	63.3	63	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	63.3	1	LANL Int BG LVL	52	1.2	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	Newly constructed well
C2	1	2	05/21/15	50.5	51.1	50.8	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	METALS	Boron	B	50.5	1	LANL Int BG LVL	15.12	3.3	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Newly constructed well
C2	1	2	05/21/15	50.5	51.1	50.8	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	METALS	Boron	B	51.1	1	LANL Int BG LVL	15.12	3.4	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Newly constructed well
C2	1	2	05/21/15	0.0778	0.0855	0.08165	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	GENINORG	Bromide	Br(-1)	0.0855	1	LANL Int BG LVL	0.03	2.9	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	Newly constructed well
C2	1	2	05/21/15	0.0778	0.0855	0.08165	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.0778	1	LANL Int BG LVL	0.03	2.6	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	Newly constructed well
C2	1	2	05/21/15	9.11	9.13	9.12	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	GENINORG	Chloride	Cl(-1)	9.11	1	LANL Int BG LVL	7.78	1.2	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	Newly constructed well
C2	1	2	05/21/15	9.11	9.13	9.12	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	9.13	1	LANL Int BG LVL	7.78	1.2	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	Newly constructed well
C2	1	2	05/21/15	5.05	5.17	5.11	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	METALS	Manganese	Mn	5.05	1	LANL Int BG LVL	2	2.5	2	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	Newly constructed well
C2	1	2	05/21/15	5.05	5.17	5.11	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	METALS	Manganese	Mn	5.17	1	LANL Int BG LVL	2	2.6	2	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	Newly constructed well
C2	1	2	05/21/15	2.17	2.23	2.2	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	METALS	Molybdenum	Mo	2.17	1	LANL Int BG LVL	2	1.1	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	Newly constructed well
C2	1	2	05/21/15	2.17	2.23	2.2	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	METALS	Molybdenum	Mo	2.23	1	LANL Int BG LVL	2	1.1	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	Newly constructed well
C2	1	2	05/21/15	1.65	2.63	2.14	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.63	1.2	LANL Int BG LVL	2.41	1.1	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	Newly constructed well
C2	1	2	05/21/15	0.389	0.429	0.409	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	GENINORG	Perchlorate	ClO4	0.389	1	LANL Int BG LVL	0.05	7.8	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	Newly constructed well
C2	1	2	05/21/15	0.389	0.429	0.409	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.429	1	LANL Int BG LVL	0.05	8.6	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	Newly constructed well
C2	1	2	05/21/15	23.8	23.9	23.85	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	F	INIT	GENINORG	Sodium	Na	23.9	1	LANL Int BG LVL	12.19	2	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Newly constructed well
C2	1	2	05/21/15	23.8	23.9	23.85	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	GENINORG	Sodium	Na	23.8	1	LANL Int BG LVL	12.19	2	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	Newly constructed well

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C2	1	2	05/21/15	120	130	125	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	130	1	LANL Int BG LVL	127	1	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	Newly constructed well
C2	1	2	05/21/15	0.719	0.739	0.729	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	F	INIT	GENINORG	Uranium	U	0.739	1	LANL Int BG LVL	0.72	1	0.067	ug/L	1		NQ	NQ	SW-846:6020	GELC	Newly constructed well
C2	20	21	03/05/09	0.017	0.259	0.0307	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S2	974.9	05/04/15	REG	F	INIT	GENINORG	Ammonia as Nitrogen	NH3-N	0.259	8.4	LANL Reg BG LVL	0.05	5.2	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C2	14	15	03/11/10	1.91	1.91	1.91	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S2	1185	05/11/15	REG	UF	INIT	METALS	Mercury	Hg	1.91	1	LANL Reg BG LVL	0.2	9.5	0.067	ug/L	1		NQ	NQ	EPA:245.2	GELC	
C2	4	5	06/26/14	1.89	1.89	1.89	2	Sandia Canyon	Regional	R-62	1158.4	05/12/15	FD	UF	INIT	METALS	Mercury	Hg	1.89	1	LANL Reg BG LVL	0.2	9.4	0.067	ug/L	1		NQ	NQ	EPA:245.2	GELC	
C2	4	5	06/26/14	1.89	1.89	1.89	2	Sandia Canyon	Regional	R-62	1158.4	05/12/15	REG	UF	INIT	METALS	Mercury	Hg	1.89	1	LANL Reg BG LVL	0.2	9.4	0.067	ug/L	1		NQ	NQ	EPA:245.2	GELC	
C2	22	25	10/19/06	1.39	1.39	1.39	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17 S1	1057	04/20/15	REG	F	INIT	METALS	Cobalt	Co	1.39	1	LANL Reg BG LVL	0.5	2.8	1	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C2	22	25	10/19/06	2.5	25.4	3.585	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17 S1	1057	04/20/15	REG	F	INIT	METALS	Manganese	Mn	25.4	7.1	LANL Reg BG LVL	2.94	8.6	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C2	28	28	04/09/01	81.5	81.5	81.5	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-19 S4	1410.2	04/15/15	REG	F	INIT	METALS	Aluminum	Al	81.5	1	LANL Reg BG LVL	68	1.2	68	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C3	1	1	05/29/15	6.22	6.22	6.22	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Arsenic	As	6.22	1	EPA MCL	10	0.6	1.7	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
C3	1	1	05/29/15	51.7	51.7	51.7	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Chromium	Cr	51.7	1	NM GW STD	50	1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
C3	1	1	05/29/15	516	516	516	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Iron	Fe	516	1	NM GW STD	1000	0.5	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	1	05/29/15	8890	8890	8890	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Iron	Fe	8890	1	NM GW STD	1000	8.9	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	1	05/29/15	115	115	115	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Manganese	Mn	115	1	NM GW STD	200	0.6	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	1	05/29/15	1500	1500	1500	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Manganese	Mn	1500	1	NM GW STD	200	7.5	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	2	05/27/15	4520	4820	4670	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Iron	Fe	4520	1	NM GW STD	1000	4.5	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	2	05/27/15	4520	4820	4670	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Iron	Fe	4820	1	NM GW STD	1000	4.8	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	2	05/27/15	1620	1730	1675	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Manganese	Mn	1620	1	NM GW STD	200	8.1	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	2	05/27/15	1620	1730	1675	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Manganese	Mn	1730	1	NM GW STD	200	8.7	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	1	05/26/15	38.1	38.1	38.1	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Chromium	Cr	38.1	1	NM GW STD	50	0.8	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
C3	1	1	05/26/15	6580	6580	6580	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Iron	Fe	6580	1	NM GW STD	1000	6.6	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	1	05/26/15	375	375	375	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Manganese	Mn	375	1	NM GW STD	200	1.9	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
C3	1	2	05/21/15	32.4	37.3	34.85	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	DL	HEXP	RDX	121-82-4	32.4	0.9	EPA TAP SCRN LVL	7	4.6	0.432	ug/L	10		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C3	1	2	05/21/15	32.4	37.3	34.85	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	DL	HEXP	RDX	121-82-4	37.3	1.1	EPA TAP SCRN LVL	7	5.3	0.432	ug/L	10		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
C3	14	15	03/11/10	1.91	1.91	1.91	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S2	1185	05/11/15	REG	UF	INIT	METALS	Mercury	Hg	1.91	1	EPA MCL	2	1	0.067	ug/L	1		NQ	NQ	EPA:245.2	GELC	
C3	11	12	06/01/05	4.39	4.39	4.39	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	05/07/15	REG	UF	INIT	SVOC	Bis(2-ethylhexyl)phthalate	117-81-7	4.39	1	EPA MCL	6	0.7	1.5	ug/L	1	J	J	J_LAB	SW-846:8270D	GELC	
C3	4	5	06/26/14	1.89	1.89	1.89	2	Sandia Canyon	Regional	R-62	1158.4	05/12/15	FD	UF	INIT	METALS	Mercury	Hg	1.89	1	EPA MCL	2	0.9	0.067	ug/L	1		NQ	NQ	EPA:245.2	GELC	
C3	4	5	06/26/14	1.89	1.89	1.89	2	Sandia Canyon	Regional	R-62	1158.4	05/12/15	REG	UF	INIT	METALS	Mercury	Hg	1.89	1	EPA MCL	2	0.9	0.067	ug/L	1		NQ	NQ	EPA:245.2	GELC	
C3	25	28	03/12/08	1.25	6.8	2.3	28	Sandia Canyon	Regional	R-36	766.9	05/05/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6.8	3	EPA MCL	10	0.7	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C3	14	18	10/19/06	3.16	3.97	3.565	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17 S1	1057	04/20/15	REG	UF	INIT	SVOC	Bis(2-ethylhexyl)phthalate	117-81-7	3.16	0.9	EPA MCL	6	0.5	3	ug/L	1	J	J	J_LAB	SW-846:8270D	GELC	
C3	14	17	10/19/06	3.62	15.8	9.71	2	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17 S1	1057	04/20/15	REG	UF	INIT	SVOC	Phenol	108-95-2	3.62	0.4	NM GW STD	5	0.7	3	ug/L	1	J	J	J_LAB	SW-846:8270D	GELC	
C5	17	19	03/11/09	2.41	5.29	3.71	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	05/07/15	REG	F	INIT	METALS	Antimony	Sb	2.69	0.7	LANL Reg BG LVL	1	2.7	1	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C5	20	22	03/11/09	0.712	7.67	1.545	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	05/07/15	REG	UF	INIT	GENINORG	Total Organic Carbon	TOC	1.01	0.7	LANL Reg BG LVL	0.33	3.1	0.33	mg/L	1		NQ	NQ	SW-846:9060	GELC	
C5	37	43	02/24/00	1.35	3.31	2.22	43	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	05/04/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	3.31	1.5	LANL Reg BG LVL	0.89	3.7	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	33	39	05/25/05	5.34	8.42	7.01	39	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	05/04/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	7.71	1.1	LANL Reg BG LVL	0.46	16.8	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	
C5	25	27	10/09/08	0.102	0.364	0.2105	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.248	1.2	LANL Reg BG LVL	0.1	2.5	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	25	27	10/09/08	40.6	56.5	50.7	27	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	GENINORG	Calcium	Ca	54.3	1.1	LANL Reg BG LVL	24.88	2.2	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	25	27	10/09/08	28.7	48.3	37.9	27	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	45.2	1.2	LANL Reg BG LVL	3.57	12.7	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	25	36	10/09/08	744	1240	901	36	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	METALS	Chromium	Cr	853	0.9	LANL Reg BG LVL	5.75	148.3	2	ug/L	1		J+	I6b	SW-846:6020	GELC	
C5	25	27	10/09/08	11.1	15.7	14.2	27	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	GENINORG	Magnesium	Mg	15.2	1.1	LANL Reg BG LVL	4.15	3.7	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	25	27	10/09/08	8.8	34	23.4	27	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	METALS	Nickel	Ni	27.8	1.2	LANL Reg BG LVL	3.09	9	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	25	27	10/09/08	0.057	7.03	5.95	27	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.54	0.9	LANL Reg BG LVL	0.89	6.2	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	25	27	10/09/08	1.08	1.46	1.28	27	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	1.17	0.9	LANL Reg BG LVL	0.46	2.5	0.1	ug/L	2		NQ	NQ	SW-846:6850	GELC	
C5	25	27	10/09/08	60.6	83.2	73.9	27	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	F	INIT	GENINORG	Sulfate	SO4(-2)	78.6	1.1	LANL Reg BG LVL	7.2	10.9	1.33	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	25	27	10/09/08	0.631	2.84	1.11	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	05/08/15	REG	UF	INIT	GENINORG	Total Organic Carbon	TOC	0.82	0.7	LANL Reg BG LVL	0.33	2.5	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C5	38	41	05/20/05	0.113	0.33	0.224	38	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/11/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.288	1.3	LANL Reg BG LVL	0.1	2.9	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	38	41	05/20/05	21.1	39.3	29.5	41	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/11/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	37.3	1.3	LANL Reg BG LVL	3.57	10.4	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	39	43	05/20/05	310	472	397	43	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/11/15	REG	F	INIT	METALS	Chromium	Cr	393	1	LANL Reg BG LVL	5.75	68.3	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	38	41	05/20/05	8.68	12.1	10.8	41	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/11/15	REG	F	INIT	GENINORG	Magnesium	Mg	11.8	1.1	LANL Reg BG LVL	4.15	2.8	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	38	41	05/20/05	6.1	34	14.4	39	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/11/15	REG	F	INIT	METALS	Nickel	Ni	13.4	0.9	LANL Reg BG LVL	3.09	4.3	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	36	38	05/20/05	3.1	5.39	4.085	38	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/11/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4.02	1	LANL Reg BG LVL	0.89	4.5	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	36	38	09/01/05	0.802	1.13	0.9765	38	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/11/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.988	1	LANL Reg BG LVL	0.46	2.1	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	38	41	05/20/05	38.1	56.4	44.6	41	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/11/15	REG	F	INIT	GENINORG	Sulfate	SO4(-2)	52.8	1.2	LANL Reg BG LVL	7.2	7.3	1.33	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	20	24	02/28/09	8.4	35	17.55	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S1	880	05/04/15	REG	F	INIT	METALS	Chromium	Cr	35	2	LANL Reg BG LVL	5.75	6.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	highest value so far, gradually increased since 2009.
C5	20	20	02/28/09	0.256	3.47	2.29	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S1	880	05/04/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.93	1.3	LANL Reg BG LVL	0.89	3.3	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	20	25	03/05/09	6.1	17.2	9.455	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S2	974.9	05/04/15	REG	F	INIT	METALS	Chromium	Cr	16.2	1.7	LANL Reg BG LVL	5.75	2.8	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	22	28	03/06/10	49.8	126	86	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	05/08/15	REG	F	INIT	METALS	Chromium	Cr	114	1.3	LANL Reg BG LVL	5.75	19.8	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	22	26	03/06/10	4.06	200	9.95	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	05/08/15	REG	F	INIT	METALS	Zinc	Zn	9.36	0.9	LANL Reg BG LVL	3.89	2.4	3.3	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C5	22	26	02/17/09	7.34	18.7	13.9	26	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44 S1	895	05/06/15	REG	F	INIT	METALS	Chromium	Cr	16.9	1.2	LANL Reg BG LVL	5.75	2.9	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	57	64	03/12/01	0.726	1.79	1.28	63	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/18/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.882	0.7	LANL Avl BG LVL	0.27	3.3	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	39	44	04/28/05	6.23	47.5	12	44	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/18/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	10.2	0.9	LANL Avl BG LVL	0.05	204	1	ug/L	20		NQ	NQ	SW-846:6850	GELC	
C5	57	64	03/12/01	220	556	307	64	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/18/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	397	1.3	LANL Avl BG LVL	139	2.9	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	37	44	03/12/01	0.051	1.74	0.196	30	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/18/15	REG	F	INIT	GENINORG	Total Kjeldahl Nitrogen	TKN	0.156	0.8	LANL Avl BG LVL	0.04	3.9	0.033	mg/L	1		NQ	NQ	EPA:351.2	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C5	16	19	07/26/00	143	271	171	19	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	05/28/15	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	177	1	LANL Avl BG LVL	76	2.3	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	
C5	16	19	06/27/00	30	48.7	39.1	19	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	05/28/15	REG	F	INIT	GENINORG	Sodium	Na	41.7	1.1	LANL Avl BG LVL	15.54	2.7	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	12	13	05/11/05	357	533	435	13	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	05/28/15	REG	F	INIT	METALS	Strontium	Sr	451	1	LANL Avl BG LVL	120	3.8	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	16	19	06/27/00	5.8	12.7	7.76	13	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	05/28/15	REG	F	INIT	METALS	Vanadium	V	7.54	1	LANL Avl BG LVL	1	7.5	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	18	23	08/28/06	103	531	256	23	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	METALS	Barium	Ba	462	1.8	LANL Avl BG LVL	68.57	6.7	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	18	23	08/28/06	18.5	80.5	41	23	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	GENINORG	Calcium	Ca	66.1	1.6	LANL Avl BG LVL	26.36	2.5	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	17	22	08/28/06	51.3	354	145.5	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	317	2.2	LANL Avl BG LVL	69.76	4.5	6.7	mg/L	100		NQ	NQ	EPA:300.0	GELC	
C5	18	23	08/28/06	5.8	24.4	12.7	23	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	GENINORG	Magnesium	Mg	19.9	1.6	LANL Avl BG LVL	7.78	2.6	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	17	22	08/28/06	0.575	3.99	1.1	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.28	2.1	LANL Avl BG LVL	0.57	4	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	17	22	08/28/06	0.0972	0.321	0.162	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.224	1.4	LANL Avl BG LVL	0.05	4.5	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	18	23	08/28/06	45.1	143	74.6	23	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	GENINORG	Sodium	Na	137	1.8	LANL Avl BG LVL	15.54	8.8	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	18	23	08/28/06	128	576	285	23	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	METALS	Strontium	Sr	511	1.8	LANL Avl BG LVL	120	4.3	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	17	22	08/28/06	240	834	403.5	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/21/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	784	1.9	LANL Avl BG LVL	139	5.6	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	20	25	06/01/05	51	72	60.1	25	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	05/07/15	REG	F	INIT	METALS	Boron	B	68.6	1.1	LANL Int BG LVL	15.12	4.5	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	20	25	06/01/05	2.55	12.2	4.7	25	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	05/07/15	REG	F	INIT	METALS	Nickel	Ni	2.55	0.5	LANL Int BG LVL	1	2.5	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	13	17	05/21/07	0.449	0.589	0.512	17	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	05/07/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.529	1	LANL Int BG LVL	0.05	10.6	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	20	25	06/01/05	4.9	70.7	10.5	21	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	05/07/15	REG	F	INIT	METALS	Zinc	Zn	37.2	3.5	LANL Int BG LVL	2	18.6	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	9	9	08/08/11	0.136	0.19	0.159	9	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	05/28/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.163	1	LANL Int BG LVL	0.03	5.4	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	9	9	08/08/11	0.438	0.693	0.475	9	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	05/28/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.477	1	LANL Int BG LVL	0.23	2.1	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	9	9	08/08/11	4.86	6.54	5.58	9	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	05/28/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	5.59	1	LANL Int BG LVL	0.05	111.8	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	
C5	9	9	08/08/11	1.39	2.23	1.78	9	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	05/28/15	REG	F	INIT	GENINORG	Uranium	U	2.23	1.3	LANL Int BG LVL	0.72	3.1	0.067	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	10	12	04/26/07	0.253	0.34	0.276	11	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	05/28/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.272	1	LANL Int BG LVL	0.03	9.1	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	10	12	04/26/07	17.5	19.7	19	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	05/28/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	17.5	0.9	LANL Int BG LVL	7.78	2.2	0.335	mg/L	5		NQ	NQ	EPA:300.0	GELC	
C5	10	12	04/26/07	3.93	5.78	4.99	11	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	05/28/15	REG	F	INIT	METALS	Chromium	Cr	5.78	1.2	LANL Int BG LVL	1	5.8	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	10	12	04/26/07	0.768	0.961	0.8585	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	05/28/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.816	1	LANL Int BG LVL	0.23	3.5	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	10	12	04/26/07	1.43	1.79	1.62	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	05/28/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	1.73	1.1	LANL Int BG LVL	0.05	34.6	0.2	ug/L	4		NQ	NQ	SW-846:6850	GELC	
C5	10	12	04/26/07	1.53	2.8	1.77	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	05/28/15	REG	F	INIT	GENINORG	Uranium	U	1.74	1	LANL Int BG LVL	0.72	2.4	0.067	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	30	41	06/23/06	12.4	77.6	40.85	36	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	04/17/15	REG	F	INIT	METALS	Boron	B	33.2	0.8	LANL Int BG LVL	15.12	2.2	15	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C5	30	41	06/23/06	13.8	610	104	41	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	04/17/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	164	1.6	LANL Int BG LVL	7.78	21.1	3.35	mg/L	50		NQ	NQ	EPA:300.0	GELC	
C5	30	41	06/23/06	3.1	681	19.3	41	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	04/17/15	REG	F	INIT	METALS	Manganese	Mn	5.5	0.3	LANL Int BG LVL	2	2.8	2	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C5	28	39	06/23/06	0.0518	0.554	0.118	36	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	04/17/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.141	1.2	LANL Int BG LVL	0.05	2.8	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C5	30	41	06/23/06	23.6	347	75.4	41	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	04/17/15	REG	F	INIT	GENINORG	Sodium	Na	80.1	1.1	LANL Int BG LVL	12.19	6.6	0.1	mg/L	1		J+	I6b	SW-846:6010C	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C5	13	15	06/11/09	0.145	0.192	0.173	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	PCI-2	512	04/06/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.173	1	LANL Int BG LVL	0.05	3.5	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C5	19	19	09/22/00	0.409	0.849	0.538	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19 S2	893.3	04/13/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.532	1	LANL Int BG LVL	0.23	2.3	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	14	14	07/21/05	0.317	0.381	0.343	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19 S2	893.3	04/13/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.322	0.9	LANL Int BG LVL	0.05	6.4	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	12	18	03/26/12	1.64	11.7	8.165	18	Sandia Canyon	Regional	R-62	1158.4	05/12/15	FD	F	INIT	GENINORG	Chloride	Cl(-1)	8.52	1	LANL Reg BG LVL	3.57	2.4	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	12	18	03/26/12	1.64	11.7	8.165	18	Sandia Canyon	Regional	R-62	1158.4	05/12/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	8.52	1	LANL Reg BG LVL	3.57	2.4	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	12	18	03/26/12	104	240	134.5	18	Sandia Canyon	Regional	R-62	1158.4	05/12/15	FD	F	INIT	METALS	Chromium	Cr	132	1	LANL Reg BG LVL	5.75	23	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	12	18	03/26/12	104	240	134.5	18	Sandia Canyon	Regional	R-62	1158.4	05/12/15	REG	F	INIT	METALS	Chromium	Cr	134	1	LANL Reg BG LVL	5.75	23.3	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	26	29	11/05/08	3.6	8.53	6.11	29	Sandia Canyon	Regional	R-43 S1	903.9	05/15/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	8.53	1.4	LANL Reg BG LVL	3.57	2.4	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	26	34	11/05/08	2.35	127	34.5	31	Sandia Canyon	Regional	R-43 S1	903.9	05/15/15	REG	F	INIT	METALS	Chromium	Cr	127	3.7	LANL Reg BG LVL	5.75	22.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	highest value so far, steadily increased since 2009.
C5	26	28	11/05/08	5.01	6.03	5.42	27	Sandia Canyon	Regional	R-43 S1	903.9	05/15/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.42	1	LANL Reg BG LVL	0.89	6.1	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	26	29	11/05/08	8.77	21	11.7	29	Sandia Canyon	Regional	R-43 S1	903.9	05/15/15	REG	F	INIT	GENINORG	Sulfate	SO4(-2)	16.2	1.4	LANL Reg BG LVL	7.2	2.3	0.133	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	25	27	11/10/08	0.389	5.4	1.17	27	Sandia Canyon	Regional	R-43 S2	969.1	05/19/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	3.12	2.7	LANL Reg BG LVL	0.89	3.5	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	29	34	01/28/02	44	17200	11800	33	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2 S2	1188.7	05/13/15	REG	F	INIT	METALS	Iron	Fe	89.6	0	LANL Reg BG LVL	21	4.3	30	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C5	29	34	01/28/02	157	3720	1440	34	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	CdV-R-37-2 S2	1188.7	05/13/15	REG	F	INIT	METALS	Manganese	Mn	176	0.1	LANL Reg BG LVL	2.94	59.9	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	41	51	05/17/05	13.5	34.9	21.4	51	Sandia Canyon	Regional	R-11	855	05/14/15	REG	F	INIT	METALS	Chromium	Cr	21.1	1	LANL Reg BG LVL	5.75	3.7	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	40	48	05/17/05	2.27	7.43	5.15	48	Sandia Canyon	Regional	R-11	855	05/14/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.61	1.1	LANL Reg BG LVL	0.89	6.3	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	40	48	05/17/05	4.62	52.9	10.5	41	Sandia Canyon	Regional	R-11	855	05/14/15	REG	F	INIT	METALS	Zinc	Zn	10.6	1	LANL Reg BG LVL	3.89	2.7	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	28	36	08/29/07	13.8	62.3	30.1	36	Sandia Canyon	Regional	R-35b	825.4	05/05/15	REG	F	INIT	METALS	Zinc	Zn	13.8	0.5	LANL Reg BG LVL	3.89	3.5	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	28	29	08/30/07	68	389	345	29	Sandia Canyon	Regional	R-35a	1013.1	05/06/15	REG	F	INIT	METALS	Barium	Ba	354	1	LANL Reg BG LVL	56.83	6.2	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	28	29	08/30/07	1.2	22.2	8.57	28	Sandia Canyon	Regional	R-35a	1013.1	05/06/15	REG	F	INIT	METALS	Nickel	Ni	7.7	0.9	LANL Reg BG LVL	3.09	2.5	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	25	28	03/12/08	1.25	6.8	2.3	28	Sandia Canyon	Regional	R-36	766.9	05/05/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6.8	3	LANL Reg BG LVL	0.89	7.6	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	24	27	03/12/08	0.845	1.74	1.58	27	Sandia Canyon	Regional	R-36	766.9	05/05/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	1.52	1	LANL Reg BG LVL	0.46	3.3	0.1	ug/L	2		NQ	NQ	SW-846:6850	GELC	
C5	25	28	03/12/08	38	91.1	57.45	28	Sandia Canyon	Regional	R-36	766.9	05/05/15	REG	F	INIT	METALS	Zinc	Zn	38	0.7	LANL Reg BG LVL	3.89	9.8	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	10	14	04/29/10	156	195	175	14	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	06/01/15	REG	F	INIT	METALS	Boron	B	159	0.9	LANL Int BG LVL	15.12	10.5	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	10	14	04/29/10	36.3	43.3	37.75	14	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	06/01/15	REG	F	INIT	GENINORG	Calcium	Ca	37.4	1	LANL Int BG LVL	17.31	2.2	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	10	14	04/29/10	40.2	50.8	45.95	14	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	06/01/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	45.9	1	LANL Int BG LVL	7.78	5.9	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	10	14	04/29/10	2.17	20.1	3.605	14	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	06/01/15	REG	F	INIT	METALS	Nickel	Ni	2.17	0.6	LANL Int BG LVL	1	2.2	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	10	14	04/29/10	0.469	0.565	0.493	14	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	06/01/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.483	1	LANL Int BG LVL	0.05	9.7	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	10	14	04/29/10	249	299	286.5	14	Pueblo Canyon (includes Acid Canyon)	Intermediate	TW-2Ar	102	06/01/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	283	1	LANL Int BG LVL	127	2.2	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	22	25	10/19/06	22.8	1510	82.7	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17 S1	1057	04/20/15	REG	F	INIT	METALS	Iron	Fe	353	4.3	LANL Reg BG LVL	21	16.8	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	25	28	10/19/06	0.351	2.44	0.58	24	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-17 S1	1057	04/20/15	REG	UF	INIT	GENINORG	Total Organic Carbon	TOC	2.44	4.2	LANL Reg BG LVL	0.33	7.4	0.33	mg/L	1		J-	I9	SW-846:9060	GELC	
C5	28	28	04/09/01	2.08	23	6.44	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-19 S4	1410.2	04/15/15	REG	F	INIT	METALS	Manganese	Mn	13.2	2	LANL Reg BG LVL	2.94	4.5	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C5	28	28	04/09/01	2.5	37.9	6.66	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-19 S4	1410.2	04/15/15	REG	F	INIT	METALS	Zinc	Zn	37.9	5.7	LANL Reg BG LVL	3.89	9.7	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	13	15	08/10/06	150	162	156	15	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	155	1	LANL Int BG LVL	52	3	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	
C5	12	13	08/10/06	84.6	122	101	13	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	METALS	Boron	B	122	1.2	LANL Int BG LVL	15.12	8.1	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	13	15	08/10/06	0.148	0.279	0.1675	12	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.149	0.9	LANL Int BG LVL	0.03	5	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	12	13	08/10/06	54.8	60	57.8	13	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	GENINORG	Calcium	Ca	56.9	1	LANL Int BG LVL	17.31	3.3	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	13	15	08/10/06	34.4	44.9	37.7	15	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	44.8	1.2	LANL Int BG LVL	7.78	5.8	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	12	13	08/10/06	15.1	16.8	15.8	13	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	GENINORG	Magnesium	Mg	16.3	1	LANL Int BG LVL	6.12	2.7	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	12	13	08/10/06	6.69	9.7	8.7	13	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	METALS	Nickel	Ni	6.69	0.8	LANL Int BG LVL	1	6.7	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	13	15	08/10/06	0.104	3.45	2.41	15	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	1.91	0.8	LANL Int BG LVL	0.05	38.2	0.2	ug/L	4		NQ	NQ	SW-846:6850	GELC	
C5	13	15	08/10/06	251	437	319	15	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	319	1	LANL Int BG LVL	127	2.5	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	12	13	08/10/06	7.72	10.2	9.38	13	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	06/01/15	REG	F	INIT	GENINORG	Uranium	U	7.72	0.8	LANL Int BG LVL	0.72	10.7	0.067	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	12	12	08/08/06	141	296	169.5	12	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	141	0.8	LANL Int BG LVL	52	2.7	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	
C5	11	11	08/08/06	223	250	235	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	METALS	Boron	B	223	0.9	LANL Int BG LVL	15.12	14.7	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	12	12	08/08/06	0.0905	0.179	0.118	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.114	1	LANL Int BG LVL	0.03	3.8	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	11	11	08/08/06	39.2	53	48.4	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	GENINORG	Calcium	Ca	39.2	0.8	LANL Int BG LVL	17.31	2.3	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	12	12	08/08/06	42.5	49.9	46.05	12	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	48	1	LANL Int BG LVL	7.78	6.2	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	11	11	08/08/06	1.1	2.1	1.645	10	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	METALS	Cobalt	Co	1.47	0.9	LANL Int BG LVL	0.5	2.9	1	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C5	11	11	08/08/06	8.46	11.4	10.1	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	METALS	Nickel	Ni	8.46	0.8	LANL Int BG LVL	1	8.5	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	12	12	08/08/06	0.234	0.372	0.3065	12	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.327	1.1	LANL Int BG LVL	0.05	6.5	0.05	µg/L	1		NQ	NQ	SW-846:6850	GELC	
C5	11	11	08/08/06	42.6	53	45.9	11	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	GENINORG	Sodium	Na	47.4	1	LANL Int BG LVL	12.19	3.9	0.1	mg/L	1		J+	I6b	SW-846:6010C	GELC	
C5	12	12	08/08/06	331	393	368	12	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	339	0.9	LANL Int BG LVL	127	2.7	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	13	13	05/07/05	0.032	1.69	1.14	13	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	06/01/15	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	1.47	1.3	LANL Int BG LVL	0.08	18.4	0.017	mg/L	1		J	I4a	EPA:365.4	GELC	
C5	33	36	06/09/05	0.083	0.157	0.1325	30	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689.04	05/13/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.127	1	LANL Int BG LVL	0.03	4.2	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	33	41	06/09/05	1.1	8.06	4	35	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689.04	05/13/15	REG	F	INIT	METALS	Chromium	Cr	4.53	1.1	LANL Int BG LVL	1	4.5	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	33	36	06/09/05	68.7	132	88	36	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689.04	05/13/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	87.2	1	LANL Int BG LVL	0.05	1744	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	39	57	06/15/05	25.4	52.9	42.3	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	METALS	Boron	B	52.9	1.3	LANL Int BG LVL	15.12	3.5	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	25.4	52.9	42.3	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	METALS	Boron	B	52.2	1.2	LANL Int BG LVL	15.12	3.5	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	0.212	0.703	0.5885	54	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Bromide	Br(-1)	0.574	1	LANL Int BG LVL	0.03	19.1	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	39	57	06/15/05	0.212	0.703	0.5885	54	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.575	1	LANL Int BG LVL	0.03	19.2	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	39	57	06/15/05	42.8	75.5	63.9	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Calcium	Ca	64.4	1	LANL Int BG LVL	17.31	3.7	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	42.8	75.5	63.9	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Calcium	Ca	63.3	1	LANL Int BG LVL	17.31	3.7	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	21.2	64.8	52.2	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Chloride	Cl(-1)	57.8	1.1	LANL Int BG LVL	7.78	7.4	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	39	57	06/15/05	21.2	64.8	52.2	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	57.7	1.1	LANL Int BG LVL	7.78	7.4	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
C5	39	60	06/15/05	29.4	81.3	51.65	60	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	METALS	Chromium	Cr	74.7	1.4	LANL Int BG LVL	1	74.7	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	39	60	06/15/05	29.4	81.3	51.65	60	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	METALS	Chromium	Cr	74.7	1.4	LANL Int BG LVL	1	74.7	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	39	57	06/15/05	0.412	0.635	0.5315	54	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Fluoride	F(-1)	0.517	1	LANL Int BG LVL	0.23	2.2	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	39	57	06/15/05	0.412	0.635	0.5315	54	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.518	1	LANL Int BG LVL	0.23	2.3	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	39	57	06/15/05	8.49	15.7	13	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Magnesium	Mg	13.1	1	LANL Int BG LVL	6.12	2.1	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	8.49	15.7	13	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Magnesium	Mg	13	1	LANL Int BG LVL	6.12	2.1	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	2.9	41.8	17.3	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	METALS	Nickel	Ni	36.6	2.1	LANL Int BG LVL	1	36.6	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	39	57	06/15/05	2.9	41.8	17.3	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	METALS	Nickel	Ni	37.1	2.1	LANL Int BG LVL	1	37.1	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	39	57	06/15/05	7.62	20.4	10.9	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	8.28	0.8	LANL Int BG LVL	2.41	3.4	0.425	mg/L	25		NQ	NQ	EPA:353.2	GELC	
C5	39	57	06/15/05	7.62	20.4	10.9	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	8.1	0.7	LANL Int BG LVL	2.41	3.4	0.425	mg/L	25		NQ	NQ	EPA:353.2	GELC	
C5	39	57	06/15/05	56.3	246	81.4	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Perchlorate	ClO4	65.7	0.8	LANL Int BG LVL	0.05	1314	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	39	57	06/15/05	56.3	246	81.4	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Perchlorate	ClO4	65.3	0.8	LANL Int BG LVL	0.05	1306	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	39	57	06/15/05	19.5	29.4	25.6	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Sodium	Na	24.9	1	LANL Int BG LVL	12.19	2	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	19.5	29.4	25.6	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Sodium	Na	24.1	0.9	LANL Int BG LVL	12.19	2	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	298	497	403	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Total Dissolved Solids	TDS	456	1.1	LANL Int BG LVL	127	3.6	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	39	57	06/15/05	298	497	403	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	383	1	LANL Int BG LVL	127	3	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	39	57	06/15/05	15.9	288	31.2	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	METALS	Zinc	Zn	20.7	0.7	LANL Int BG LVL	2	10.3	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	39	57	06/15/05	15.9	288	31.2	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	REG	F	INIT	METALS	Zinc	Zn	20.7	0.7	LANL Int BG LVL	2	10.3	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C6	18	23	12/07/05	22.2	32.5	28.5	23	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	05/07/15	REG	UF	DL	HEXP	RDX	121-82-4	32.4	1.1	EPA TAP SCRN LVL	7	4.6	0.426	ug/L	10		NQ	NQ	SW-846:8321A_MOD	GELC	
C6	30	41	06/23/06	13.8	610	104	41	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	04/17/15	REG	F	INIT	GENINORG	Chloride	Cl(-1)	164	1.6	NM GW STD	250	0.7	3.35	mg/L	50		NQ	NQ	EPA:300.0	GELC	
C6	26	34	11/05/08	2.35	127	34.5	31	Sandia Canyon	Regional	R-43 S1	903.9	05/15/15	REG	F	INIT	METALS	Chromium	Cr	127	3.7	NM GW STD	50	2.5	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	highest value so far, steadily increased since 2009.
C6	39	57	06/15/05	56.3	246	81.4	57	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/05/15	FD	F	INIT	GENINORG	Perchlorate	ClO4	65.7	0.8	Consent Order	4	16.4	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
CA	1	1	05/29/15	51.7	51.7	51.7	1	Sandia Canyon	Alluvial	SCPZ-2	6	05/29/15	REG	F	INIT	METALS	Chromium	Cr	51.7	1	NM GW STD	50	1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	Sandia Canyon piezometer sample
CA	1	1	05/29/15	8890	8890	8890	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Iron	Fe	8890	1	NM GW STD	1000	8.9	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
CA	1	1	05/29/15	1500	1500	1500	1	Sandia Canyon	Alluvial	SCPZ-5	3	05/29/15	REG	F	INIT	METALS	Manganese	Mn	1500	1	NM GW STD	200	7.5	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
CA	1	2	05/27/15	4520	4820	4670	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Iron	Fe	4520	1	NM GW STD	1000	4.5	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
CA	1	2	05/27/15	4520	4820	4670	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Iron	Fe	4820	1	NM GW STD	1000	4.8	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
CA	1	2	05/27/15	1620	1730	1675	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	FD	F	INIT	METALS	Manganese	Mn	1620	1	NM GW STD	200	8.1	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
CA	1	2	05/27/15	1620	1730	1675	2	Sandia Canyon	Alluvial	SCPZ-8	5.3	05/27/15	REG	F	INIT	METALS	Manganese	Mn	1730	1	NM GW STD	200	8.7	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen 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	Validation Flag	Validation Reason Code	Anyl Meth Code	Lab Code	Comment
CA	1	1	05/26/15	6580	6580	6580	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Iron	Fe	6580	1	NM GW STD	1000	6.6	30	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
CA	1	1	05/26/15	375	375	375	1	Sandia Canyon	Alluvial	SCPZ-11(B)	1	05/26/15	REG	F	INIT	METALS	Manganese	Mn	375	1	NM GW STD	200	1.9	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	Sandia Canyon piezometer sample
CA	1	2	05/21/15	32.4	37.3	34.85	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	FD	UF	DL	HEXP	RDX	121-82-4	32.4	0.9	EPA TAP SCRN LVL	7	4.6	0.432	ug/L	10		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well
CA	1	2	05/21/15	32.4	37.3	34.85	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-9-1(i)	937.4	05/21/15	REG	UF	DL	HEXP	RDX	121-82-4	37.3	1.1	EPA TAP SCRN LVL	7	5.3	0.432	ug/L	10		NQ	NQ	SW-846:8321A_MOD	GELC	Newly constructed well