SUMMARY OF GROUNDWATER DATA REVIEWED IN SEPTEMBER 2014 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 seven 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 8-14 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

The table is divided into separate categories that correspond to the seven 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 seven criteria may not appear in the table.

The criteria are as follows:

CA. The Respondents shall notify the Department orally within one business day after review of the analytical data if such data show detection of a contaminant in a well screen interval or spring at a concentration that exceeds either the NMWQCC water quality standard or the federal MCL if that contaminant has not previously exceeded such water quality standard or maximum contaminant level in such well screen interval or spring.

C1. Detection of a contaminant that is an organic compound in a spring or screened interval of a well if that contaminant has not previously been detected in the spring or screened interval.

C2. Detection of a contaminant that is a metal or other inorganic compound at a concentration above the background level in a spring or screened interval of a well if that contaminant has not previously exceeded the background level in the spring or screened interval.

C3. Detection of a contaminant in a spring or screened interval of a well at a concentration that exceeds either one-half the New Mexico water quality standard or one-half the federal maximum contaminant level, or if there is no such standard for the contaminant, one-half the EPA Region 6 human health medium-specific screening level for tap water (now the EPA Regional Screening Levels for tap water), if that contaminant has not previously exceeded one-half such standard or screening level in the spring or screened interval.

C4. Detection of perchlorate in a spring or screened interval of a well at a concentration of 2 µg/L or greater if perchlorate at such concentration has not previously been detected in the spring or screened interval.

C5. Detection of a contaminant that is a metal or other inorganic compound in a spring or screened interval of a well at a concentration that exceeds 2 times the background level for the third consecutive sampling of the spring or screened interval.

C6. Detection of a contaminant in a spring or screened interval of a well at a concentration that exceeds either one-half the New Mexico water quality standard or one-half the federal MCL, and that has increased for the third consecutive sampling of that spring or screened interval.

The next seven columns of the table give information on monitoring results obtained 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

Concat Flag Code—secondary validation qualifier

Concat 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 8-14 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	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comments
C2	19	19	02/17/09	82.9	82.9	82.9	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44 S1	895	07/10/14	REG	F	INIT	METALS	Aluminum	Al	82.9	1	LANL Reg BG LVL	68	1.2	68	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C2	20	21	08/07/01	4.2	10.4	5.16	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Magnesium	Mg	10.4	2	LANL Avl BG LVL	7.78	1.3	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C2	12	13	08/09/06	0.038	0.0509	0.04445	2	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	FD	F	INIT	GENINORG	Ammonia as Nitrogen	NH3-N	0.0509	1.1	LANL Avl BG LVL	0.04	1.3	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C2	25	33	08/29/07	119	220	163	33	Sandia Canyon	Regional	R-35b	825.4	07/18/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	220	1.3	LANL Reg BG LVL	191.7	1.1	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	highest result but specific conductance at normal value; reanalysis requested
C2	36	51	06/15/05	0.994	2.5	1.395	36	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	METALS	Molybdenum	Mo	2.02	1.4	LANL Int BG LVL	2	1	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C3	31	32	08/07/01	13.9	164	51.6	32	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	164	3.2	NM GW STD	250	0.7	3.35	mg/L	50		NQ	NQ	EPA:300.0	GELC	highest since 2000; dry from 8/12 to 11/13; large increase in TDS since 1/14
C3	55	62	03/12/01	220	556	306	62	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	556	1.8	NM GW STD	1000	0.6	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	highest since 2000; dry from 8/12 to 11/13; large increase in TDS since 1/14
C3	24	32	10/21/08	354	516	415.5	32	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	516	1.2	NM GW STD	1000	0.5	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	highest result but specific conductance at normal value; reanalysis requested
C5	22	24	10/09/08	0.102	0.364	0.206	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.364	1.8	LANL Reg BG LVL	0.1	3.6	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	22	24	10/09/08	40.6	56.5	49.95	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	GENINORG	Calcium	Ca	51.1	1	LANL Reg BG LVL	24.88	2.1	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	22	24	10/09/08	28.7	47.5	37.65	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	47.5	1.3	LANL Reg BG LVL	3.57	13.3	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	highest concentration to date
C5	22	33	10/09/08	744	1240	894	33	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	METALS	Chromium	Cr	972	1.1	LANL Reg BG LVL	5.75	169	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	22	24	10/09/08	11.1	15.7	13.8	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	GENINORG	Magnesium	Mg	14.2	1	LANL Reg BG LVL	4.15	3.4	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	22	24	10/09/08	8.8	29.6	23.25	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	METALS	Nickel	Ni	28	1.2	LANL Reg BG LVL	3.09	9.1	0.5	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	22	24	10/09/08	0.057	7.03	5.985	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6.67	1.1	LANL Reg BG LVL	0.89	7.5	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	22	24	10/09/08	1.08	1.46	1.28	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	GENINORG	Perchlorate	ClO4	1.08	0.8	LANL Reg BG LVL	0.46	2.3	0.1	ug/L	2		NQ	NQ	SW-846:6850	GELC	
C5	22	24	10/09/08	60.6	81.1	72.5	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	GENINORG	Sulfate	SO4(-2)	81.1	1.1	LANL Reg BG LVL	7.2	11.3	1.33	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	35	38	05/20/05	0.113	0.33	0.22	35	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/11/14	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.308	1.4	LANL Reg BG LVL	0.1	3.1	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	35	38	05/20/05	21.1	38.4	29.45	38	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/11/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	38.4	1.3	LANL Reg BG LVL	3.57	10.8	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	highest concentration to date
C5	36	40	05/20/05	310	472	394.5	40	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/11/14	REG	F	INIT	METALS	Chromium	Cr	362	0.9	LANL Reg BG LVL	5.75	63	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	35	38	05/20/05	8.68	12.1	10.65	38	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/11/14	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	35	38	05/20/05	6.1	34	14.6	36	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/11/14	REG	F	INIT	METALS	Nickel	Ni	20.3	1.4	LANL Reg BG LVL	3.09	6.6	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	33	35	05/20/05	3.1	5.39	4	35	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/11/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	3.94	1	LANL Reg BG LVL	0.89	4.4	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	33	35	09/01/05	0.802	1.13	0.975	35	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/11/14	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.945	1	LANL Reg BG LVL	0.46	2.1	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	just below 5/14 high of 8.67 ug/L
C5	35	38	05/20/05	38.1	52.7	43.25	38	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	07/11/14	REG	F	INIT	GENINORG	Sulfate	SO4(-2)	52.7	1.2	LANL Reg BG LVL	7.2	7.3	1.33	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	12	15	05/20/11	2.03	23.3	17.55	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	07/23/14	REG	F	INIT	METALS	Chromium	Cr	23.3	1.3	LANL Reg BG LVL	5.75	4.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	highest concentration to date
C5	12	15	05/20/11	0.427	2.31	1.63	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	07/23/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.94	1.2	LANL Reg BG LVL	0.89	2.2	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	12	15	05/20/11	2.96	8.67	6.67	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	07/23/14	REG	F	INIT	GENINORG	Perchlorate	ClO4	8.47	1.3	LANL Reg BG LVL	0.46	18.4	1	ug/L	20		NQ	NQ	SW-846:6850	GELC	
C5	12	15	05/20/11	1.46	27.4	7.11	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	07/23/14	REG	F	INIT	GENINORG	Potassium	K	7.11	1	LANL Reg BG LVL	2.63	2.7	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	12	15	05/20/11	0.0531	11.8	2.81	12	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	07/23/14	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	1.75	0.6	LANL Reg BG LVL	0.16	10.9	0.017	mg/L	1		NQ	NQ	EPA:365.4	GELC	
C5	19	23	03/06/10	4.68	9.46	7.08	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	07/22/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	9.34	1.3	LANL Reg BG LVL	3.57	2.6	0.067	mg/L	1		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	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comments
C5	19	25	03/06/10	49.8	126	83.9	25	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	07/22/14	REG	F	INIT	METALS	Chromium	Cr	106	1.3	LANL Reg BG LVL	5.75	18.4	10	ug/L	5		NQ	NQ	SW-846:6020	GELC	
C5	19	23	03/06/10	1.51	9.85	4.5	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	07/22/14	REG	F	INIT	METALS	Nickel	Ni	9.85	2.2	LANL Reg BG LVL	3.09	3.2	0.5	ug/L	1	N*	J+	I6b	SW-846:6020	GELC	
C5	19	24	03/06/10	1.13	1.89	1.465	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	07/22/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.8	1.2	LANL Reg BG LVL	0.89	2	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	19	23	02/17/09	7.34	18.7	13.2	23	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44 S1	895	07/10/14	REG	F	INIT	METALS	Chromium	Cr	18.7	1.4	LANL Reg BG LVL	5.75	3.3	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	highest concentration to date
C5	15	18	05/12/04	2.14	146	12.75	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16 S2	863.4	07/23/14	FD	F	INIT	METALS	Manganese	Mn	11.6	0.9	LANL Reg BG LVL	2.94	3.9	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	15	18	05/12/04	2.14	146	12.75	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16 S2	863.4	07/23/14	REG	F	INIT	METALS	Manganese	Mn	11.2	0.9	LANL Reg BG LVL	2.94	3.8	2	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	20	21	08/07/01	154	394	192	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	METALS	Barium	Ba	394	2.1	LANL Avl BG LVL	68.57	5.7	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	highest by 2x since 2000; dry from 8/12 to 11/13; large increase in TDS since 1/14
C5	55	62	03/12/01	0.726	1.79	1.28	61	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.726	0.6	LANL Avl BG LVL	0.27	2.7	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	20	21	08/07/01	21.8	92.1	63.3	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	METALS	Molybdenum	Mo	21.8	0.3	LANL Avl BG LVL	2	10.9	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	54	62	03/12/01	0.685	10.9	2.14	61	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.29	0.6	LANL Avl BG LVL	0.57	2.3	0.017	mg/L	1		NQ	NQ	EPA:353.2	GELC	
C5	37	42	04/28/05	6.23	47.5	12.05	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Perchlorate	ClO4	12	1	LANL Avl BG LVL	0.05	240	1	ug/L	20		NQ	NQ	SW-846:6850	GELC	This and prior result highest since 2/08
C5	20	21	08/07/01	11.5	23	16.6	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Potassium	K	23	1.4	LANL Avl BG LVL	5.21	4.4	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	20	21	08/07/01	43.1	80	59.6	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Sodium	Na	80	1.3	LANL Avl BG LVL	15.54	5.1	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	highest concentration to date
C5	55	62	03/12/01	220	556	306	62	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	556	1.8	LANL Avl BG LVL	139	4	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	highest since 2000; dry from 8/12 to 11/13; large increase in TDS since 1/14
C5	30	31	08/07/01	0.04	0.432	0.285	31	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.189	0.7	LANL Avl BG LVL	0.05	3.8	0.017	mg/L	1		J	I4a	EPA:365.4	GELC	
C5	15	18	07/26/00	143	271	170.5	18	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	FD	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	200	1.2	LANL Avl BG LVL	76	2.6	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	
C5	15	18	07/26/00	143	271	170.5	18	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	203	1.2	LANL Avl BG LVL	76	2.7	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	
C5	15	18	06/27/00	30	48.7	38.05	18	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	FD	F	INIT	GENINORG	Sodium	Na	46.9	1.2	LANL Avl BG LVL	15.54	3	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	15	18	06/27/00	30	48.7	38.05	18	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	REG	F	INIT	GENINORG	Sodium	Na	47.3	1.2	LANL Avl BG LVL	15.54	3	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	11	12	05/11/05	357	533	427.5	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	FD	F	INIT	METALS	Strontium	Sr	533	1.2	LANL Avl BG LVL	120	4.4	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	11	12	05/11/05	357	533	427.5	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	REG	F	INIT	METALS	Strontium	Sr	532	1.2	LANL Avl BG LVL	120	4.4	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	15	18	06/27/00	5.8	12.7	7.885	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	FD	F	INIT	METALS	Vanadium	V	8.01	1	LANL Avl BG LVL	1	8	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	15	18	06/27/00	5.8	12.7	7.885	12	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	06/17/14	REG	F	INIT	METALS	Vanadium	V	7.76	1	LANL Avl BG LVL	1	7.8	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	24	32	10/21/08	0.194	0.683	0.5115	32	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.632	1.2	LANL Int BG LVL	0.03	21.1	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	24	34	10/21/08	59.5	73.6	66.75	34	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Calcium	Ca	68.1	1	LANL Int BG LVL	17.31	3.9	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	24	32	10/21/08	53.4	68.7	60.1	32	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	66.7	1.1	LANL Int BG LVL	7.78	8.6	1.34	mg/L	20		NQ	NQ	EPA:300.0	GELC	
C5	24	39	10/21/08	368	658	504	39	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	METALS	Chromium	Cr	386	0.8	LANL Int BG LVL	1	386	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	24	34	10/21/08	13.1	17.3	15.5	34	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Magnesium	Mg	16.4	1.1	LANL Int BG LVL	6.12	2.7	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	24	34	10/21/08	14.5	19.3	16.95	34	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	METALS	Nickel	Ni	16.5	1	LANL Int BG LVL	1	16.5	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	24	32	10/21/08	0.918	1.12	1.0005	32	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Perchlorate	ClO4	0.918	0.9	LANL Int BG LVL	0.05	18.4	0.1	ug/L	2		NQ	NQ	SW-846:6850	GELC	
C5	24	34	10/21/08	278	350	323.5	34	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	METALS	Strontium	Sr	329	1	LANL Int BG LVL	154.8	2.1	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	24	32	10/21/08	77.9	103	87.9	32	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Sulfate	SO4(-2)	92.3	1.1	LANL Int BG LVL	40.03	2.3	2.66	mg/L	20		NQ	NQ	EPA:300.0	GELC	
C5	24	32	10/21/08	354	516	415.5	32	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	516	1.2	LANL Int BG LVL	127	4.1	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	highest result but specific conductance at normal value; reanalysis requested
C5	7	7	08/08/11	0.136	0.19	0.155	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	06/18/14	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.181	1.2	LANL Int BG LVL	0.03	6	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	7	7	08/08/11	0.438	0.693	0.467	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	06/18/14	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.693	1.5	LANL Int BG LVL	0.23	3	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	highest concentration to date
C5	7	7	08/08/11	4.86	5.89	5.48	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	06/18/14	REG	F	INIT	GENINORG	Perchlorate	ClO4	5.89	1.1	LANL Int BG LVL	0.05	117.8	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	highest concentration to date
C5	7	7	08/08/11	1.39	2.16	1.76	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	06/18/14	REG	F	INIT	RAD	Uranium	U	1.98	1.1	LANL Int BG LVL	0.72	2.8	0.067	ug/L	1		NQ	NQ	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	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comments
C5	9	14	03/26/12	123	240	135.5	14	Sandia Canyon	Regional	R-62	1158.4	06/26/14	REG	F	RE	METALS	Chromium	Cr	240	1.8	LANL Reg BG LVL	5.75	41.7	10	ug/L	5		NQ	NQ	SW-846:6020	GELC	highest concentration to date; a reanalysis of prior result which was J flagged and 221 ug/L
C5	23	31	11/05/08	2.35	78.8	30.5	28	Sandia Canyon	Regional	R-43 S1	903.9	07/15/14	FD	F	INIT	METALS	Chromium	Cr	75.2	2.5	LANL Reg BG LVL	5.75	13.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	23	31	11/05/08	2.35	78.8	30.5	28	Sandia Canyon	Regional	R-43 S1	903.9	07/15/14	REG	F	INIT	METALS	Chromium	Cr	78.8	2.6	LANL Reg BG LVL	5.75	13.7	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	highest concentration to date
C5	23	25	11/05/08	5.01	6.03	5.4	24	Sandia Canyon	Regional	R-43 S1	903.9	07/15/14	FD	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.01	0.9	LANL Reg BG LVL	0.89	5.6	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	23	25	11/05/08	5.01	6.03	5.4	24	Sandia Canyon	Regional	R-43 S1	903.9	07/15/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.18	1	LANL Reg BG LVL	0.89	5.8	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	38	48	05/17/05	13.5	34.9	21.3	48	Sandia Canyon	Regional	R-11	855	07/11/14	REG	F	INIT	METALS	Chromium	Cr	25.4	1.2	LANL Reg BG LVL	5.75	4.4	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	37	45	05/17/05	2.27	7.43	5.15	45	Sandia Canyon	Regional	R-11	855	07/11/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.8	1.1	LANL Reg BG LVL	0.89	6.5	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	25	33	08/29/07	15.5	62.3	31.4	33	Sandia Canyon	Regional	R-35b	825.4	07/18/14	REG	F	INIT	METALS	Zinc	Zn	15.5	0.5	LANL Reg BG LVL	3.89	4	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	25	26	08/30/07	68	389	339.5	26	Sandia Canyon	Regional	R-35a	1013.1	07/18/14	REG	F	INIT	METALS	Barium	Ba	346	1	LANL Reg BG LVL	56.83	6.1	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	36	51	06/15/05	25.4	51.9	40	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	METALS	Boron	B	47.9	1.2	LANL Int BG LVL	15.12	3.2	15	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C5	36	51	06/15/05	25.4	51.9	40	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	METALS	Boron	B	49.6	1.2	LANL Int BG LVL	15.12	3.3	15	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C5	36	51	06/15/05	0.212	0.702	0.603	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	GENINORG	Bromide	Br(-1)	0.583	1	LANL Int BG LVL	0.03	19.4	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	36	51	06/15/05	0.212	0.702	0.603	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.615	1	LANL Int BG LVL	0.03	20.5	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	36	51	06/15/05	42.8	75.5	64.4	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	GENINORG	Calcium	Ca	63.5	1	LANL Int BG LVL	17.31	3.7	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	36	51	06/15/05	42.8	75.5	64.4	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	GENINORG	Calcium	Ca	64.1	1	LANL Int BG LVL	17.31	3.7	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	36	51	06/15/05	21.2	64.8	48.3	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	GENINORG	Chloride	Cl(-1)	63	1.3	LANL Int BG LVL	7.78	8.1	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	36	51	06/15/05	21.2	64.8	48.3	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	62.9	1.3	LANL Int BG LVL	7.78	8.1	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	36	54	06/15/05	29.4	81.3	50.65	54	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	METALS	Chromium	Cr	80.9	1.6	LANL Int BG LVL	1	80.9	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	36	54	06/15/05	29.4	81.3	50.65	54	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	METALS	Chromium	Cr	80.1	1.6	LANL Int BG LVL	1	80.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	36	51	06/15/05	0.412	0.635	0.538	48	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	GENINORG	Fluoride	F(-1)	0.478	0.9	LANL Int BG LVL	0.23	2.1	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	36	51	06/15/05	0.412	0.635	0.538	48	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.504	0.9	LANL Int BG LVL	0.23	2.2	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	36	51	06/15/05	8.49	15.7	13	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	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	36	51	06/15/05	8.49	15.7	13	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	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	36	51	06/15/05	2.9	41.8	14.7	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	METALS	Nickel	Ni	35	2.4	LANL Int BG LVL	1	35	0.5	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	36	51	06/15/05	2.9	41.8	14.7	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	METALS	Nickel	Ni	33.8	2.3	LANL Int BG LVL	1	33.8	0.5	ug/L	1		J	I4a	SW-846:6020	GELC	
C5	36	51	06/15/05	7.62	20.4	11.5	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	8	0.7	LANL Int BG LVL	2.41	3.3	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	36	51	06/15/05	7.62	20.4	11.5	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	7.76	0.7	LANL Int BG LVL	2.41	3.2	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	36	51	06/15/05	56.3	246	88.2	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	GENINORG	Perchlorate	ClO4	58.9	0.7	LANL Int BG LVL	0.05	1178	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	36	51	06/15/05	56.3	246	88.2	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	GENINORG	Perchlorate	ClO4	60.1	0.7	LANL Int BG LVL	0.05	1202	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	36	51	06/15/05	19.5	28.8	25.6	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	GENINORG	Sodium	Na	25.9	1	LANL Int BG LVL	12.19	2.1	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	36	51	06/15/05	19.5	28.8	25.6	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	GENINORG	Sodium	Na	26.4	1	LANL Int BG LVL	12.19	2.2	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	36	51	06/15/05	298	497	401	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	GENINORG	Total Dissolved Solids	TDS	374	0.9	LANL Int BG LVL	127	2.9	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	36	51	06/15/05	298	497	401	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	354	0.9	LANL Int BG LVL	127	2.8	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	36	51	06/15/05	15.9	288	33.5	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	FD	F	INIT	METALS	Zinc	Zn	20.2	0.6	LANL Int BG LVL	2	10.1	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	36	51	06/15/05	15.9	288	33.5	51	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	07/08/14	REG	F	INIT	METALS	Zinc	Zn	19.7	0.6	LANL Int BG LVL	2	9.8	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C6	22	24	10/09/08	0.057	7.03	5.985	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	07/08/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6.67	1.1	EPA MCL	10	0.7	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C6	55	62	03/12/01	220	556	306	62	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	07/17/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	556	1.8	NM GW STD	1000	0.6	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	highest since 2000; dry from 8/12 to 11/13; large increase in TDS since 1/14

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	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comments
C6	24	32	10/21/08	354	516	415.5	32	Sandia Canyon	Intermediate	SCI-2	548	07/30/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	516	1.2	NM GW STD	1000	0.5	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	highest result but specific conductance at normal value; reanalysis requested
C6	7	7	08/08/11	4.86	5.89	5.48	7	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Vine Tree Spring	0	06/18/14	REG	F	INIT	GENINORG	Perchlorate	ClO4	5.89	1.1	Consent Order	4	1.5	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	highest concentration to date
C6	23	31	11/05/08	2.35	78.8	30.5	28	Sandia Canyon	Regional	R-43 S1	903.9	07/15/14	REG	F	INIT	METALS	Chromium	Cr	78.8	2.6	NM GW STD	50	1.6	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	highest concentration to date