

SUMMARY OF GROUNDWATER DATA REVIEWED IN JULY 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 6-14 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 6-14 Groundwater Report

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen Depth	Start Date	Fid OC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C2	27	32	07/03/06	0.0204	0.308	0.045	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	05/05/14	REG	F	INIT	GENINORG	Ammonia as Nitrogen	NH3-N	0.308	6.8	LANL Reg BG LVL	0.05	6.2	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C2	34	40	02/24/00	4.8	7.51	6.21	40	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	05/05/14	REG	F	INIT	GENINORG	Sulfate	SO4(-2)	7.51	1.2	LANL Reg BG LVL	7.2	1	0.133	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C2	18	21	02/22/09	0.287	0.582	0.342	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44 S2	985.3	05/13/14	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.582	1.7	LANL Reg BG LVL	0.57	1	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C2	11	14	08/31/10	0.0225	0.0807	0.0445	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	05/16/14	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.0807	1.8	LANL Int BG LVL	0.08	1	0.017	mg/L	1		NQ	NQ	EPA:365.4	GELC	
C5	54	61	03/12/01	0.78	1.79	1.28	60	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/21/14	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.829	0.6	LANL Avl BG LVL	0.27	3.1	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	53	61	03/12/01	0.685	10.9	2.3	60	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/21/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.16	0.5	LANL Avl BG LVL	0.57	2	0.017	mg/L	1		NQ	NQ	EPA:353.2	GELC	
C5	36	41	04/28/05	6.23	47.5	12.1	41	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/21/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	12.1	1	LANL Avl BG LVL	0.05	242	1	ug/L	20		NQ	NQ	SW-846:6850	GELC	highest since 2008
C5	54	61	03/12/01	220	439	305	61	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/21/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	439	1.4	LANL Avl BG LVL	139	3.2	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	highest since 2000
C5	35	42	03/12/01	0.051	1.74	0.221	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/21/14	REG	F	INIT	GENINORG	Total Kjeldahl Nitrogen	TKN	0.159	0.7	LANL Avl BG LVL	0.04	4	0.033	mg/L	1		NQ	NQ	EPA:351.2	GELC	
C5	30	33	06/09/05	0.083	0.157	0.132	27	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689.04	05/12/14	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.156	1.2	LANL Int BG LVL	0.03	5.2	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	30	33	06/09/05	68.7	132	88.3	33	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689.04	05/12/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	86	1	LANL Int BG LVL	0.05	1720	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	30	38	06/09/05	1.1	8.06	3.815	32	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689.04	05/12/14	REG	F	INIT	METALS	Chromium	Cr	6.51	1.7	LANL Int BG LVL	1	6.5	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	35	49	06/15/05	0.212	0.702	0.603	47	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	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	35	49	06/15/05	0.212	0.702	0.603	47	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	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	35	49	06/15/05	42.8	75.5	64.4	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	GENINORG	Calcium	Ca	60.8	0.9	LANL Int BG LVL	17.31	3.5	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	35	49	06/15/05	42.8	75.5	64.4	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	GENINORG	Calcium	Ca	62.1	1	LANL Int BG LVL	17.31	3.6	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	35	49	06/15/05	21.2	64.8	47.4	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	GENINORG	Chloride	Cl(-1)	60.4	1.3	LANL Int BG LVL	7.78	7.8	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	35	49	06/15/05	21.2	64.8	47.4	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	60.3	1.3	LANL Int BG LVL	7.78	7.8	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	35	49	06/15/05	0.412	0.635	0.5395	46	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	GENINORG	Fluoride	F(-1)	0.599	1.1	LANL Int BG LVL	0.23	2.6	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	35	49	06/15/05	0.412	0.635	0.5395	46	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	GENINORG	Fluoride	F(-1)	0.599	1.1	LANL Int BG LVL	0.23	2.6	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	35	49	06/15/05	8.49	15.7	13	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	GENINORG	Magnesium	Mg	12.8	1	LANL Int BG LVL	6.12	2.1	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	35	49	06/15/05	8.49	15.7	13	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	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	35	49	06/15/05	7.62	20.4	11.6	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	8.18	0.7	LANL Int BG LVL	2.41	3.4	0.425	mg/L	25		NQ	NQ	EPA:353.2	GELC	
C5	35	49	06/15/05	7.62	20.4	11.6	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	7.83	0.7	LANL Int BG LVL	2.41	3.2	0.425	mg/L	25		NQ	NQ	EPA:353.2	GELC	
C5	35	49	06/15/05	56.3	246	90.5	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	GENINORG	Perchlorate	CIO4	61.8	0.7	LANL Int BG LVL	0.05	1236	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	35	49	06/15/05	56.3	246	90.5	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	58	0.6	LANL Int BG LVL	0.05	1160	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	35	49	06/15/05	19.5	28.8	25.5	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	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	35	49	06/15/05	19.5	28.8	25.5	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	GENINORG	Sodium	Na	26.9	1.1	LANL Int BG LVL	12.19	2.2	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	35	49	06/15/05	298	497	404	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	GENINORG	Total Dissolved Solids	TDS	404	1	LANL Int BG LVL	127	3.2	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	35	49	06/15/05	298	497	404	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	450	1.1	LANL Int BG LVL	127	3.5	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	35	49	06/15/05	25.4	51.9	38.6	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	METALS	Boron	B	48.6	1.3	LANL Int BG LVL	15.12	3.2	15	ug/L	1	J	J	J_LAB	SW-846:6010C	GELC	
C5	35	49	06/15/05	25.4	51.9	38.6	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	METALS	Boron	B	50.4	1.3	LANL Int BG LVL	15.12	3.3	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	35	52	06/15/05	29.4	81.3	49.95	52	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	METALS	Chromium	Cr	67.4	1.3	LANL Int BG LVL	1	67.4	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	overall increase since 2007
C5	35	52	06/15/05	29.4	81.3	49.95	52	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	METALS	Chromium	Cr	68.8	1.4	LANL Int BG LVL	1	68.8	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	overall increase since 2007
C5	35	49	06/15/05	2.9	41.8	14.4	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	F	INIT	METALS	Nickel	Ni	37.8	2.6	LANL Int BG LVL	1	37.8	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	

Criteria Code	Visits	Samples	First Event	Mfn Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Screen Depth	Start Date	Fld OC Type Code	Fld Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	35	49	06/15/05	2.9	41.8	14.4	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	METALS	Nickel	Ni	38.6	2.7	LANL Int BG LVL	1	38.6	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	35	49	06/15/05	15.9	288	33.6	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	FD	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	
C5	35	49	06/15/05	15.9	288	33.6	49	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	05/13/14	REG	F	INIT	METALS	Zinc	Zn	18.8	0.6	LANL Int BG LVL	2	9.4	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	34	40	02/24/00	1.35	3.31	2.215	40	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	05/05/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.45	1.1	LANL Reg BG LVL	0.89	2.8	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	30	36	05/25/05	5.34	8.42	6.935	36	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	05/05/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	7.98	1.2	LANL Reg BG LVL	0.46	17.3	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	
C5	34	42	02/24/00	2.6	18.2	9.49	41	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	05/05/14	REG	F	INIT	METALS	Chromium	Cr	11.6	1.2	LANL Reg BG LVL	5.75	2	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	18	22	02/17/09	7.34	17.5	13	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44 S1	895	05/13/14	REG	F	INIT	METALS	Chromium	Cr	17	1.3	LANL Reg BG LVL	5.75	3	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	gradual increase from 10 ug/L in 2007
C5	17	17	02/28/09	0.256	2.88	2.17	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S1	880	05/07/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.88	1.3	LANL Reg BG LVL	0.89	3.2	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	17	21	02/28/09	8.4	29.3	17.4	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S1	880	05/07/14	REG	F	INIT	METALS	Chromium	Cr	29.3	1.7	LANL Reg BG LVL	5.75	5.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note highest result so far
C5	17	22	03/05/09	6.1	15.7	9.01	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S2	974.9	05/07/14	REG	F	INIT	METALS	Chromium	Cr	15.7	1.7	LANL Reg BG LVL	5.75	2.7	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note highest result so far
C5	18	20	03/11/09	0.869	7.67	1.565	20	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	05/09/14	REG	UF	INIT	GENINORG	Total Organic Carbon	TOC	1.73	1.1	LANL Reg BG LVL	0.33	5.2	0.33	mg/L	1		NQ	NQ	SW-846:9060	GELC	
C5	15	17	03/11/09	2.41	5.29	3.77	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	05/09/14	REG	F	RE	METALS	Antimony	Sb	5.18	1.4	LANL Reg BG LVL	1	5.2	1	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	18	24	03/06/10	49.8	126	82.45	24	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	05/20/14	REG	F	INIT	METALS	Chromium	Cr	126	1.5	LANL Reg BG LVL	5.75	21.9	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note highest result so far
C5	18	22	03/06/10	1.51	9.84	4.165	22	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	05/20/14	REG	F	INIT	METALS	Nickel	Ni	9.84	2.4	LANL Reg BG LVL	3.09	3.2	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	11	14	05/20/11	0.427	2.31	1.63	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	FD	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.31	1.4	LANL Reg BG LVL	0.89	2.6	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	note highest result so far
C5	11	14	05/20/11	0.427	2.31	1.63	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.98	1.2	LANL Reg BG LVL	0.89	2.2	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	11	14	05/20/11	2.96	8.67	6.605	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	FD	F	INIT	GENINORG	Perchlorate	CIO4	8.53	1.3	LANL Reg BG LVL	0.46	18.5	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	note highest result so far
C5	11	14	05/20/11	2.96	8.67	6.605	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	8.67	1.3	LANL Reg BG LVL	0.46	18.8	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	note highest result so far
C5	11	14	05/20/11	1.46	27.4	6.91	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	FD	F	INIT	GENINORG	Potassium	K	6.66	1	LANL Reg BG LVL	2.63	2.5	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	11	14	05/20/11	1.46	27.4	6.91	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	REG	F	INIT	GENINORG	Potassium	K	6.46	0.9	LANL Reg BG LVL	2.63	2.5	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	11	14	05/20/11	0.0531	11.8	2.92	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	FD	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	1.59	0.5	LANL Reg BG LVL	0.16	9.9	0.017	mg/L	1		NQ	NQ	EPA:365.4	GELC	was 11.8 mg/L in 11/12
C5	11	14	05/20/11	0.0531	11.8	2.92	11	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	1.74	0.6	LANL Reg BG LVL	0.16	10.9	0.017	mg/L	1		NQ	NQ	EPA:365.4	GELC	was 11.8 mg/L in 11/12
C5	11	14	05/20/11	2.03	21.4	16.8	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	FD	F	INIT	METALS	Chromium	Cr	21.4	1.3	LANL Reg BG LVL	5.75	3.7	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note highest result so far
C5	11	14	05/20/11	2.03	21.4	16.8	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	REG	F	INIT	METALS	Chromium	Cr	21.4	1.3	LANL Reg BG LVL	5.75	3.7	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note highest result so far
C5	17	22	08/28/06	18.5	80.5	40.4	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	GENINORG	Calcium	Ca	65	1.6	LANL Avl BG LVL	26.36	2.5	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	16	21	08/28/06	51.3	354	115	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	300	2.6	LANL Avl BG LVL	69.76	4.3	3.35	mg/L	50		NQ	NQ	EPA:300.0	GELC	near this level since 2009; due to road salt
C5	17	22	08/28/06	5.8	24.4	12.4	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	GENINORG	Magnesium	Mg	19.8	1.6	LANL Avl BG LVL	7.78	2.5	0.11	mg/L	1	N	NQ	NQ	SW-846:6010C	GELC	
C5	16	21	08/28/06	0.0972	0.321	0.162	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	0.321	2	LANL Avl BG LVL	0.05	6.4	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	17	22	08/28/06	45.1	143	73.05	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	GENINORG	Sodium	Na	125	1.7	LANL Avl BG LVL	15.54	8	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	16	21	08/28/06	240	834	385	21	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	777	2	LANL Avl BG LVL	139	5.6	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	near this level since 2009; due to road salt
C5	17	22	08/28/06	103	531	241.5	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	METALS	Barium	Ba	441	1.8	LANL Avl BG LVL	68.57	6.4	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	near this level since 2009; due to road salt
C5	17	22	08/28/06	0.58	6.56	1.4	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	METALS	Nickel	Ni	4.75	3.4	LANL Avl BG LVL	1	4.8	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	17	22	08/28/06	128	576	284	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	04/18/14	REG	F	INIT	METALS	Strontium	Sr	480	1.7	LANL Avl BG LVL	120	4	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	7	7	06/24/08	31.2	69.9	42.6	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-8	9.7	04/18/14	REG	F	INIT	GENINORG	Sodium	Na	42.6	1	LANL Avl BG LVL	15.54	2.7	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	7	7	06/24/08	219	431	307	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-8	9.7	04/18/14	REG	F	INIT	METALS	Barium	Ba	318	1	LANL Avl BG LVL	68.57	4.6	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	near this level since 2010; due to road salt
C5	7	7	06/24/08	281	501	410	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCAO-8	9.7	04/18/14	REG	F	INIT	METALS	Strontium	Sr	410	1	LANL Avl BG LVL	120	3.4	1	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	Fid OC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C5	26	27	01/11/07	0.721	1.53	1.04	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.721	0.7	LANL Int BG LVL	0.03	24	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	26	27	01/11/07	54.5	87.6	71.3	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	GENINORG	Calcium	Ca	63	0.9	LANL Int BG LVL	17.31	3.6	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	26	27	01/11/07	80.5	124	91.6	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	120	1.3	LANL Int BG LVL	7.78	15.4	1.68	mg/L	25		NQ	NQ	EPA:300.0	GELC	
C5	26	27	01/11/07	0.613	1.58	0.972	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	0.613	0.6	LANL Int BG LVL	0.05	12.3	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	26	27	01/11/07	50.7	65.1	55.3	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	GENINORG	Sodium	Na	64.3	1.2	LANL Int BG LVL	12.19	5.3	0.1	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	26	27	01/11/07	357	536	485	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	487	1	LANL Int BG LVL	127	3.8	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	26	27	01/11/07	0.404	1.45	0.85	26	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	PO4-P	1.17	1.4	LANL Int BG LVL	0.08	14.6	0.017	mg/L	1		NQ	NQ	EPA:365.4	GELC	
C5	26	27	01/11/07	72.8	99.4	85.8	26	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	METALS	Boron	B	77.3	0.9	LANL Int BG LVL	15.12	5.1	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	26	29	01/11/07	8.67	22.1	13.3	29	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	METALS	Chromium	Cr	8.67	0.7	LANL Int BG LVL	1	8.7	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	note lowest result so far
C5	26	27	01/11/07	44.9	97	74.3	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	METALS	Molybdenum	Mo	73.6	1	LANL Int BG LVL	2	36.8	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	26	27	01/11/07	4.02	8.1	5.41	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	METALS	Nickel	Ni	5.25	1	LANL Int BG LVL	1	5.3	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	26	27	01/11/07	1.7	3.09	2.45	27	Sandia Canyon	Intermediate	SCI-1	358.4	05/08/14	REG	F	INIT	RAD	Uranium	U	2.45	1	LANL Int BG LVL	0.72	3.4	0.067	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	23	31	10/21/08	0.194	0.683	0.507	31	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	GENINORG	Bromide	Br(-1)	0.607	1.2	LANL Int BG LVL	0.03	20.2	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	23	33	10/21/08	59.5	73.6	66.7	33	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	GENINORG	Calcium	Ca	73.6	1.1	LANL Int BG LVL	17.31	4.3	0.05	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	23	31	10/21/08	53.4	68.7	60	31	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	GENINORG	Chloride	Cl(-1)	68.3	1.1	LANL Int BG LVL	7.78	8.8	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	23	33	10/21/08	13.1	17.3	15.5	33	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	GENINORG	Magnesium	Mg	17.3	1.1	LANL Int BG LVL	6.12	2.8	0.11	mg/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	23	31	10/21/08	0.928	1.12	1.01	31	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	0.928	0.9	LANL Int BG LVL	0.05	18.6	0.1	ug/L	2		NQ	NQ	SW-846:6850	GELC	
C5	23	31	10/21/08	354	451	415	31	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	GENINORG	Total Dissolved Solids	TDS	433	1	LANL Int BG LVL	127	3.4	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	23	38	10/21/08	368	658	505	38	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	METALS	Chromium	Cr	368	0.7	LANL Int BG LVL	1	368	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note lowest result so far
C5	23	33	10/21/08	14.5	19.3	17	33	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	METALS	Nickel	Ni	18.1	1.1	LANL Int BG LVL	1	18.1	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	23	33	10/21/08	278	350	322	33	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	METALS	Strontium	Sr	348	1.1	LANL Int BG LVL	154.8	2.2	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	23	33	10/21/08	1.2	2.15	1.57	33	Sandia Canyon	Intermediate	SCI-2	548	05/14/14	REG	F	INIT	RAD	Uranium	U	1.94	1.2	LANL Int BG LVL	0.72	2.7	0.067	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	36	44	05/17/05	2.27	7.43	5.145	44	Sandia Canyon	Regional	R-11	855	05/08/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6.06	1.2	LANL Reg BG LVL	0.89	6.8	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	37	47	05/17/05	13.5	34.9	21.2	47	Sandia Canyon	Regional	R-11	855	05/08/14	REG	F	INIT	METALS	Chromium	Cr	28.8	1.4	LANL Reg BG LVL	5.75	5	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	overall increase since 2009
C5	24	25	08/30/07	68	389	339	25	Sandia Canyon	Regional	R-35a	1013.1	05/14/14	REG	F	INIT	METALS	Barium	Ba	380	1.1	LANL Reg BG LVL	56.83	6.7	1	ug/L	1		NQ	NQ	SW-846:6010C	GELC	gradual increase from 300 ug/L in 2007
C5	24	32	08/29/07	20.2	62.3	31.95	32	Sandia Canyon	Regional	R-35b	825.4	05/07/14	REG	F	INIT	METALS	Zinc	Zn	20.2	0.6	LANL Reg BG LVL	3.89	5.2	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	22	25	03/12/08	1.25	2.78	2.29	25	Sandia Canyon	Regional	R-36	766.9	05/06/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.78	1.2	LANL Reg BG LVL	0.89	3.1	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	21	24	03/12/08	0.845	1.74	1.605	24	Sandia Canyon	Regional	R-36	766.9	05/06/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	1.42	0.9	LANL Reg BG LVL	0.46	3.1	0.1	ug/L	2		NQ	NQ	SW-846:6850	GELC	
C5	22	25	03/12/08	46.9	91.1	58.9	25	Sandia Canyon	Regional	R-36	766.9	05/06/14	REG	F	INIT	METALS	Zinc	Zn	46.9	0.8	LANL Reg BG LVL	3.89	12.1	3.3	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	22	23	11/05/08	5.05	6.03	5.46	22	Sandia Canyon	Regional	R-43 S1	903.9	04/30/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.32	1	LANL Reg BG LVL	0.89	6	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	22	29	11/05/08	2.35	7.4	25.7	26	Sandia Canyon	Regional	R-43 S1	903.9	04/30/14	REG	F	INIT	METALS	Chromium	Cr	74	2.9	LANL Reg BG LVL	5.75	12.9	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note highest result so far
C5	22	23	11/10/08	0.389	5.4	1.08	23	Sandia Canyon	Regional	R-43 S2	969.1	04/30/14	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.35	2.2	LANL Reg BG LVL	0.89	2.6	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	11	14	08/31/10	0.0729	0.0969	0.0832	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	05/16/14	FD	F	INIT	GENINORG	Bromide	Br(-1)	0.0948	1.1	LANL Int BG LVL	0.03	3.2	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	11	14	08/31/10	0.348	0.397	0.3625	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	05/16/14	FD	F	INIT	GENINORG	Perchlorate	CIO4	0.366	1	LANL Int BG LVL	0.05	7.3	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	11	14	08/31/10	0.348	0.397	0.3625	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	05/16/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	0.358	1	LANL Int BG LVL	0.05	7.2	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	11	14	08/31/10	62.4	115	68.5	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	05/16/14	FD	F	INIT	METALS	Boron	B	62.4	0.9	LANL Int BG LVL	15.12	4.1	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C5	11	14	08/31/10	62.4	115	68.5	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	05/16/14	REG	F	INIT	METALS	Boron	B	63.4	0.9	LANL Int BG LVL	15.12	4.2	15	ug/L	1		NQ	NQ	SW-846:6010C	GELC	
C6	36	41	04/28/05	6.23	47.5	12.1	41	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/21/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	12.1	1	Consent Order	4	3	1	ug/L	20		NQ	NQ	SW-846:6850	GELC	highest since 2008
C6	30	33	06/09/05	68.7	132	88.3	33	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689.04	05/12/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	86	1	Consent Order	4	21.5	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	increasing since 2012 but at similar concentrations since 2005
C6	21	24	06/26/06	4.45	9.2	6.17	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689.04	05/12/14	REG	UF	INIT	SVOC	Dioxane[1,4-]	123-91-1	8.55	1.4	EPA TAP SCRNLVL	7.8	1.1	3	ug/L	1	J	J	J_LAB	SW-846:8270D	GELC	increasing since 2011, similar concentration in MCOI-6
C6	17	21	02/28/09	8.4	29.3	17.4	21	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S1	880	05/07/14	REG	F	INIT	METALS	Chromium	Cr	29.3	1.7	NM GW STD	50	0.6	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note highest result so far
C6	11	14	05/20/11	2.96	8.67	6.605	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	05/20/14	REG	F	INIT	GENINORG	Perchlorate	CIO4	8.67	1.3	Consent Order	4	2.2	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	note highest result so far
C6	22	29	11/05/08	2.35	7.4	25.7	26	Sandia Canyon	Regional	R-43 S1	903.9	04/30/14	REG	F	INIT	METALS	Chromium	Cr	74	2.9	NM GW STD	50	1.5	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	note highest result so far

