SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN DECEMBER 2012

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 12-12 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, not all seven criteria may 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—identifies whether samples are filtered or unfiltered

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

Anyl Suite—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 12-12 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	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	Comment
C1	10	14	03/11/09	4.01	4.01	4.01	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	11/16/12	REG	UF	INIT	SVOC	Di-n-butylphthalate	4.01	1.00	EPA TAP SCRN LVL	670	0	3	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	
C1	5	8	05/20/11	2.47	2.47	2.47	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	UF	INIT	VOC	Chloroform	2.47	1.00	EPA MCL	80	0	0.3	ug/L	1		NQ	NQ	SW-846:8260B	GELC	
C1	5	7	05/24/11	10.7	10.7	10.7	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	UF	INIT	VOC	Chloroform	10.7	1.00	EPA MCL	80	0.1	0.3	ug/L	1		NQ	NQ	SW-846:8260B	GELC	
C1	10	13	03/12/08	9.3	9.3	9.3	1	Sandia Canyon	Regional	R-36	766.9	11/14/12	REG	UF	INIT	SVOC	Benzoic Acid	9.3	1.00	EPA TAP SCRN LVL	58000	0	6.25	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	
C2	1	1	11/07/12	344	344	344	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	11/07/12	REG	UF	INIT	GENINORG	Specific Conductance	344	1.00	LANL Avl BG LVL	184	1.9	1	uS/cm	1		NQ	NQ	EPA:120.1	GELC	
C2	15	17	03/11/09	0.0217	0.0897	0.028	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	11/16/12	REG	F	INIT	GENINORG	Ammonia as Nitrogen	0.0897	3.20	LANL Reg BG LVL	0.05	1.8	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C2	5	6	05/20/11	107	107	107	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	METALS	Aluminum	107	1.00	LANL Reg BG LVL	68	1.6	68	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	5	6	05/20/11	1.07	1.07	1.07	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	METALS	Antimony	1.07	1.00	LANL Reg BG LVL	1	1.1	1	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	5	6	05/20/11	0.303	0.589	0.325	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	GENINORG	Fluoride	0.589	1.80	LANL Reg BG LVL	0.57	1	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C2	5	6	05/20/11	1.46	27.4	1.725	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	GENINORG	Potassium	27.4	15.90	LANL Reg BG LVL	2.63	10.4	0.05	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C2	5	6	05/20/11	62.9	102	65.6	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	GENINORG	Silicon Dioxide	102	1.60	LANL Reg BG LVL	88.5	1.2	0.053	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C2	5	6	05/20/11	65.7	203	132.5	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	GENINORG	Total Dissolved Solids	203	1.50	LANL Reg BG LVL	191.7	1.1	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C2	5	5	05/24/11	197	197	197	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	METALS	Aluminum	197	1.00	LANL Reg BG LVL	68	2.9	68	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	5	5	05/24/11	0.241	0.739	0.342	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	GENINORG	Fluoride	0.739	2.20	LANL Reg BG LVL	0.57	1.3	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C2	5	5	05/24/11	1.51	21.8	1.83	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	GENINORG	Potassium	21.8	11.90	LANL Reg BG LVL	2.63	8.3	0.05	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C2	5	5	05/24/11	64.1	120	69.8	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	GENINORG	Silicon Dioxide	120	1.70	LANL Reg BG LVL	88.5	1.4	0.53	mg/L	10		NQ	NQ	SW-846:6010B	GELC	
C2	5	5	05/24/11	123	256	143	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	GENINORG	Total Dissolved Solids	256	1.80	LANL Reg BG LVL	191.7	1.3	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C2	5	5	05/24/11	0.0389	19.1	9.56945	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	19.1	2.00	LANL Reg BG LVL	0.16	119.4	0.17	mg/L	10		NQ	NQ	EPA:365.4	GELC	
C2	14	14	02/17/09	0.024	0.053	0.0335	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44 S1	895	11/12/12	REG	F	INIT	GENINORG	Ammonia as Nitrogen	0.053	1.60	LANL Reg BG LVL	0.05	1.1	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C2	8	12	07/13/05	0.0328	0.13	0.0591	3	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	10/03/12	FD	F	INIT	GENINORG	Ammonia as Nitrogen	0.0591	1.00	LANL Reg BG LVL	0.05	1.2	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C2	8	12	07/13/05	0.0328	0.13	0.0591	3	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	10/03/12	REG	F	INIT	GENINORG	Ammonia as Nitrogen	0.13	2.20	LANL Reg BG LVL	0.05	2.6	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C2	13	20	10/19/00	4.01	8.72	7.245	20	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	10/03/12	FD	F	INIT	GENINORG	Sulfate	8.08	1.10	LANL Reg BG LVL	7.2	1.1	0.133	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C2	13	20	10/19/00	4.01	8.72	7.245	20	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	10/03/12	REG	F	INIT	GENINORG	Sulfate	8.03	1.10	LANL Reg BG LVL	7.2	1.1	0.133	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C2	8	8	09/26/05	0.03	0.103	0.04305	4	White Rock Canyon and Rio Grande	Regional Spring	Spring 1	0	09/24/12	REG	F	INIT	GENINORG	Ammonia as Nitrogen	0.103	2.40	LANL Reg BG LVL	0.05	2.1	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C2	30	36	05/17/05	0.017	0.114	0.0275	4	Sandia Canyon	Regional	R-11	855	11/05/12	REG	F	INIT	GENINORG	Ammonia as Nitrogen	0.114	4.10	LANL Reg BG LVL	0.05	2.3	0.017	mg/L	1		NQ	NQ	EPA:350.1	GELC	
C5	12	14	03/11/09	2.41	5.29	3.625	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	11/16/12	FD	F	INIT	METALS	Antimony	3.35	0.90	LANL Reg BG LVL	1	3.4	1	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	12	14	03/11/09	2.41	5.29	3.625	10	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	11/16/12	REG	F	INIT	METALS	Antimony	3.48	1.00	LANL Reg BG LVL	1	3.5	1	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	15	17	03/11/09	0.869	7.67	1.56	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	11/16/12	FD	UF	INIT	GENINORG	Total Organic Carbon	1.57	1.00	LANL Reg BG LVL	0.33	4.8	0.33	mg/L	1		NQ	NQ	SW-846:9060	GELC	
C5	15	17	03/11/09	0.869	7.67	1.56	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-46	1340	11/16/12	REG	UF	INIT	GENINORG	Total Organic Carbon	1.56	1.00	LANL Reg BG LVL	0.33	4.7	0.33	mg/L	1		NQ	NQ	SW-846:9060	GELC	
C5	27	32	05/25/05	5.34	8.14	6.805	32	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-15	958.6	10/31/12	REG	F	INIT	GENINORG	Perchlorate	7.86	1.20	LANL Reg BG LVL	0.46	17.1	0.5	ug/L	10		J	PE12e	SW-846:6850	GELC	
C5	18	19	10/09/08	0.102	0.257	0.2015	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/31/12	REG	F	INIT	GENINORG	Bromide	0.257	1.30	LANL Reg BG LVL	0.1	2.6	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	18	19	10/09/08	28.7	41.9	34.1	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/31/12	REG	F	INIT	GENINORG	Chloride	41.9	1.20	LANL Reg BG LVL	3.57	11.7	0.335	mg/L	5		NQ	NQ	EPA:300.0	GELC	
C5	18	28	10/09/08	744	1240	892.5	28	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/31/12	REG	F	INIT	METALS	Chromium	1010	1.10	LANL Reg BG LVL	5.75	175.7	40	ug/L	20		NQ	NQ	SW-846:6020	GELC	
C5	18	19	10/09/08	11.1	15.7	13.7	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/31/12	REG	F	INIT	GENINORG	Magnesium	14.4	1.10	LANL Reg BG LVL	4.15	3.5	0.11	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	18	19	10/09/08	8.8	29.6	23	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/31/12	REG	F	INIT	METALS	Nickel	23.4	1.00	LANL Reg BG LVL	3.09	7.6	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	18	19	10/09/08	0.057	7.03	6	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/31/12	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	5.61	0.90	LANL Reg BG LVL	0.89	6.3	0.17	mg/L	10		NQ	NQ	EPA:353.2	GELC	
C5	18	19	10/09/08	1.18	1.46	1.31	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/31/12	REG	F	INIT	GENINORG	Perchlorate	1.19	0.90	LANL Reg BG LVL	0.46	2.6	0.1	ug/L	2		NQ	NQ	SW-846:6850	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	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	18	19	10/09/08	60.6	80.6	71.2	19	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/31/12	REG	F	INIT	GENINORG	Sulfate	77.7	1.10	LANL Reg BG LVL	7.2	10.8	0.665	mg/L	5		NQ	NQ	EPA:300.0	GELC	
C5	32	35	05/20/05	0.113	0.33	0.2165	32	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	10/31/12	REG	F	INIT	GENINORG	Bromide	0.278	1.30	LANL Reg BG LVL	0.1	2.8	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	32	35	05/20/05	21.1	35.8	29.4	35	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	10/31/12	REG	F	INIT	GENINORG	Chloride	35.8	1.20	LANL Reg BG LVL	3.57	10	0.335	mg/L	5		NQ	NQ	EPA:300.0	GELC	
C5	33	37	05/20/05	310	472	392	37	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	10/31/12	REG	F	INIT	METALS	Chromium	415	1.10	LANL Reg BG LVL	5.75	72.2	20	ug/L	10		NQ	NQ	SW-846:6020	GELC	
C5	32	35	05/20/05	8.68	12.1	10.4	35	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	10/31/12	REG	F	INIT	GENINORG	Magnesium	11.7	1.10	LANL Reg BG LVL	4.15	2.8	0.11	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	32	35	05/20/05	6.1	34	14.4	33	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	10/31/12	REG	F	INIT	METALS	Nickel	21.1	1.50	LANL Reg BG LVL	3.09	6.8	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	30	32	05/20/05	3.1	5.39	4.16	32	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	10/31/12	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	3.63	0.90	LANL Reg BG LVL	0.89	4.1	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	30	32	09/01/05	0.802	1.13	0.9785	32	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	10/31/12	REG	F	INIT	GENINORG	Perchlorate	0.93	1.00	LANL Reg BG LVL	0.46	2	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	32	35	05/20/05	38.1	51.3	43	35	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	10/31/12	REG	F	INIT	GENINORG	Sulfate	51.3	1.20	LANL Reg BG LVL	7.2	7.1	0.665	mg/L	5		NQ	NQ	EPA:300.0	GELC	
C5	14	18	02/28/09	8.4	23	15.75	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S1	880	11/06/12	REG	F	INIT	METALS	Chromium	23	1.50	LANL Reg BG LVL	5.75	4	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	numerous results just below this level
C5	14	14	02/28/09	0.256	2.65	2.025	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-45 S1	880	11/06/12	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	2.65	1.3	LANL Reg BG LVL	0.89	3	0.425	mg/L	25		NQ	NQ	EPA:353.2	GELC	
C5	5	6	05/20/11	35.3	2550	914.5	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	METALS	Iron	72	0.1	LANL Reg BG LVL	21	3.4	30	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	5	6	05/20/11	33.7	1100	728	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	METALS	Manganese	33.7	0	LANL Reg BG LVL	2.94	11.5	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	5	6	05/20/11	2.96	7.37	6.045	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	F	INIT	GENINORG	Perchlorate	6.13	1	LANL Reg BG LVL	0.46	13.3	0.5	ug/L	10		NQ	NQ	SW-846:6850	GELC	
C5	5	6	05/20/11	0.77	10.1	1.11	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S1	1125	11/15/12	REG	UF	INIT	GENINORG	Total Organic Carbon	1.59	1.4	LANL Reg BG LVL	0.33	4.8	0.33	mg/L	1		NQ	NQ	SW-846:9060	GELC	
C5	5	5	05/24/11	148	5590	1040.5	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	METALS	Iron	331	0.3	LANL Reg BG LVL	21	15.8	30	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	5	5	05/24/11	22.2	908	566	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	METALS	Manganese	91.5	0.2	LANL Reg BG LVL	2.94	31.1	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	5	5	05/24/11	1.6	10.9	5.76	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	F	INIT	METALS	Molybdenum	6.81	1.2	LANL Reg BG LVL	2	3.4	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	5	5	05/24/11	0.573	14.7	2.49	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-61 S2	1220.4	11/15/12	REG	UF	INIT	GENINORG	Total Organic Carbon	3.65	1.5	LANL Reg BG LVL	0.33	11.1	0.33	mg/L	1		NQ	NQ	SW-846:9060	GELC	
C5	12	15	03/06/10	0.44	2.46	0.972	13	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-50 S1	1077	11/09/12	REG	UF	INIT	GENINORG	Total Organic Carbon	2.4	2.5	LANL Reg BG LVL	0.33	7.3	0.33	mg/L	1		NQ	NQ	SW-846:9060	GELC	
C5	14	18	02/17/09	7.34	17.5	12.55	18	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-44 S1	895	11/12/12	REG	F	INIT	METALS	Chromium	14.5	1.2	LANL Reg BG LVL	5.75	2.5	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	23	24	01/11/07	88.5	121	100.5	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	GENINORG	Alkalinity-CO3+HCO3	105	1	LANL Int BG LVL	52	2	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	
C5	23	24	01/11/07	72.8	99.4	86.2	23	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	METALS	Boron	85.8	1	LANL Int BG LVL	15.12	5.7	15	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	23	24	01/11/07	0.781	1.53	1.085	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	GENINORG	Bromide	0.781	0.7	LANL Int BG LVL	0.03	26	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	23	24	01/11/07	64.2	87.6	73.45	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	GENINORG	Calcium	64.2	0.9	LANL Int BG LVL	17.31	3.7	0.05	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	23	24	01/11/07	80.5	98.7	90.5	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	GENINORG	Chloride	97.2	1.1	LANL Int BG LVL	7.78	12.5	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	23	26	01/11/07	8.96	22.1	13.45	26	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	METALS	Chromium	10.1	0.8	LANL Int BG LVL	1	10.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	23	24	01/11/07	44.9	97	74.2	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	METALS	Molybdenum	86.9	1.2	LANL Int BG LVL	2	43.5	0.165	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	23	24	01/11/07	4.02	8.1	5.455	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	METALS	Nickel	4.02	0.7	LANL Int BG LVL	1	4	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	23	24	01/11/07	0.774	1.58	0.982	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	GENINORG	Perchlorate	0.774	0.8	LANL Int BG LVL	0.05	15.5	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	23	24	01/11/07	50.7	65.1	55.3	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	GENINORG	Sodium	57.8	1	LANL Int BG LVL	12.19	4.7	0.1	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	23	24	01/11/07	454	536	486	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	GENINORG	Total Dissolved Solids	456	0.9	LANL Int BG LVL	127	3.6	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	23	24	01/11/07	0.404	1.45	0.842	23	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	GENINORG	Total Phosphate as Phosphorus	1.01	1.2	LANL Int BG LVL	0.08	12.6	0.017	mg/L	1		NQ	NQ	EPA:365.4	GELC	
C5	23	24	01/11/07	1.7	3.09	2.495	24	Sandia Canyon	Intermediate	SCI-1	358.4	11/02/12	REG	F	INIT	RAD	Uranium	2.32	0.9	LANL Int BG LVL	0.72	3.2	0.067	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	18	26	10/21/08	0.194	0.639	0.505	26	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	GENINORG	Bromide	0.639	1.3	LANL Int BG LVL	0.03	21.3	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	18	28	10/21/08	59.5	71.7	66.55	28	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	GENINORG	Calcium	70.9	1.1	LANL Int BG LVL	17.31	4.1	0.05	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	18	26	10/21/08	53.4	67.8	59.25	26	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	GENINORG	Chloride	63.7	1.1	LANL Int BG LVL	7.78	8.2	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	18	33	10/21/08	433	658	508	33	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	METALS	Chromium	436	0.9	LANL Int BG LVL	1	436	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	18	28	10/21/08	13.1	16.7	15.3	28	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	GENINORG	Magnesium	16.7	1.1	LANL Int BG LVL	6.12	2.7	0.11	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	18	28	10/21/08	14.5	19.3	16.9	28	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	METALS	Nickel	18.2	1.1	LANL Int BG LVL	1	18.2	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	18	26	10/21/08	0.936	1.12	1.02	26	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	GENINORG	Perchlorate	0.942	0.9	LANL Int BG LVL	0.05	18.8	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	18	28	10/21/08	278	350	320.5	28	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	METALS	Strontium	344	1.1	LANL Int BG LVL	154.8	2.2	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	18	26	10/21/08	83.3	101	87.3	26	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	GENINORG	Sulfate	91.7	1.1	LANL Int BG LVL	40.03	2.3	1.33	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	18	26	10/21/08	354	451	413	26	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	GENINORG	Total Dissolved Solids	429	1	LANL Int BG LVL	127	3.4	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	18	28	10/21/08	1.2	2.06	1.44	28	Sandia Canyon	Intermediate	SCI-2	548	11/05/12	REG	F	INIT	RAD	Uranium	2.06	1.4	LANL Int BG LVL	0.72	2.9	0.067	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	10	15	10/23/01	36.3	221	98.2	13	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	10/03/12	FD	F	INIT	METALS	Iron	38.8	0.4	LANL Reg BG LVL	21	1.8	30	ug/L	1	J	J	J_LAB	SW-846:6010B	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	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	10	15	10/23/01	36.3	221	98.2	13	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	10/03/12	REG	F	INIT	METALS	Iron	45.9	0.5	LANL Reg BG LVL	21	2.2	30	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	10	15	10/23/01	32.8	424	191	13	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	10/03/12	FD	F	INIT	METALS	Manganese	35	0.2	LANL Reg BG LVL	2.94	11.9	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	10	15	10/23/01	32.8	424	191	13	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	10/03/12	REG	F	INIT	METALS	Manganese	35.1	0.2	LANL Reg BG LVL	2.94	11.9	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	9	9	08/24/04	9.8	12.7	11.7	9	White Rock Canyon and Rio Grande	Regional Spring	La Mesita Spring	0	10/02/12	REG	F	INIT	RAD	Uranium	10.6	0.9	LANL Reg BG LVL	1.9	5.6	0.067	ug/L	1	E	NQ	NQ	SW-846:6020	GELC	
C5	4	5	03/26/12	1.64	8.74	8.26	5	Sandia Canyon	Regional	R-62	1158.4	11/08/12	REG	F	INIT	GENINORG	Chloride	7.83	0.9	LANL Reg BG LVL	3.57	2.2	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	4	5	03/26/12	128	198	135	5	Sandia Canyon	Regional	R-62	1158.4	11/08/12	REG	F	INIT	METALS	Chromium	128	0.9	LANL Reg BG LVL	5.75	22.3	10	ug/L	5		NQ	NQ	SW-846:6020	GELC	4th sample event, lowest result
C5	12	13	09/24/01	26.6	78.2	37.8	10	White Rock Canyon and Rio Grande	Regional Spring	Spring 2	0	09/24/12	REG	F	INIT	METALS	Iron	60.8	1.6	LANL Reg BG LVL	21	2.9	30	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	12	13	09/24/01	0.78	203	9.195	10	White Rock Canyon and Rio Grande	Regional Spring	Spring 2	0	09/24/12	REG	F	INIT	METALS	Manganese	203	22.1	LANL Reg BG LVL	2.94	69	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	steady increase from 10 ug/L in 2009
C5	16	22	11/05/08	2.35	49.6	9.39	19	Sandia Canyon	Regional	R-43 S1	903.9	11/07/12	REG	F	INIT	METALS	Chromium	49.6	5.3	LANL Reg BG LVL	5.75	8.6	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	just below standard, steady increase since 2010
C5	16	16	11/05/08	5.14	6.03	5.5	15	Sandia Canyon	Regional	R-43 S1	903.9	11/07/12	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	5.35	1	LANL Reg BG LVL	0.89	6	0.085	mg/L	5		NQ	NQ	EPA:353.2	GELC	
C5	31	39	05/17/05	13.5	34.9	20.5	39	Sandia Canyon	Regional	R-11	855	11/05/12	REG	F	INIT	METALS	Chromium	23.7	1.2	LANL Reg BG LVL	5.75	4.1	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	30	36	05/17/05	2.27	7.43	5.045	36	Sandia Canyon	Regional	R-11	855	11/05/12	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	5.93	1.2	LANL Reg BG LVL	0.89	6.7	0.425	mg/L	25		NQ	NQ	EPA:353.2	GELC	
C5	20	28	08/29/07	25.2	62.3	32.55	28	Sandia Canyon	Regional	R-35b	825.4	11/14/12	REG	F	INIT	METALS	Zinc	30	0.9	LANL Reg BG LVL	3.89	7.7	3.3	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	20	21	08/30/07	68	380	334	21	Sandia Canyon	Regional	R-35a	1013.1	11/13/12	REG	F	INIT	METALS	Barium	361	1.1	LANL Reg BG LVL	56.83	6.4	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	20	21	08/30/07	1.2	22.2	10.13	20	Sandia Canyon	Regional	R-35a	1013.1	11/13/12	REG	F	INIT	METALS	Nickel	14.9	1.5	LANL Reg BG LVL	3.09	4.8	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	19	22	03/12/08	0.845	1.74	1.625	22	Sandia Canyon	Regional	R-36	766.9	11/14/12	FD	F	INIT	GENINORG	Perchlorate	1.59	1	LANL Reg BG LVL	0.46	3.5	0.1	ug/L	2		NQ	NQ	SW-846:6850	GELC	
C5	19	22	03/12/08	0.845	1.74	1.625	22	Sandia Canyon	Regional	R-36	766.9	11/14/12	REG	F	INIT	GENINORG	Perchlorate	1.63	1	LANL Reg BG LVL	0.46	3.5	0.1	ug/L	2		NQ	NQ	SW-846:6850	GELC	
C5	19	22	03/12/08	49.1	91.1	60.3	22	Sandia Canyon	Regional	R-36	766.9	11/14/12	FD	F	INIT	METALS	Zinc	50.8	0.8	LANL Reg BG LVL	3.89	13.1	3.3	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	19	22	03/12/08	49.1	91.1	60.3	22	Sandia Canyon	Regional	R-36	766.9	11/14/12	REG	F	INIT	METALS	Zinc	53.5	0.9	LANL Reg BG LVL	3.89	13.8	3.3	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	29	42	06/15/05	25.4	51.3	35.35	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	METALS	Boron	50.4	1.4	LANL Int BG LVL	15.12	3.3	15	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	29	42	06/15/05	0.212	0.702	0.6065	40	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Bromide	0.702	1.2	LANL Int BG LVL	0.03	23.4	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	29	42	06/15/05	42.8	75.5	64.45	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Calcium	71.6	1.1	LANL Int BG LVL	17.31	4.1	0.05	mg/L	1		J-	I6a	SW-846:6010B	GELC	
C5	29	42	06/15/05	21.2	64.8	44.8	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Chloride	58.6	1.3	LANL Int BG LVL	7.78	7.5	0.67	mg/L	10		NQ	NQ	EPA:300.0	GELC	
C5	29	45	06/15/05	29.4	65.5	48.4	45	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	METALS	Chromium	61.6	1.3	LANL Int BG LVL	1	61.6	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	29	42	06/15/05	0.412	0.635	0.539	39	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Fluoride	0.563	1	LANL Int BG LVL	0.23	2.4	0.033	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	29	42	06/15/05	8.49	15.7	12.9	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Magnesium	15	1.2	LANL Int BG LVL	6.12	2.5	0.11	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	29	42	06/15/05	2.9	40.8	8.85	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	METALS	Nickel	38.1	4.3	LANL Int BG LVL	1	38.1	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	29	42	06/15/05	7.67	20.4	13.6	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Nitrate-Nitrite as Nitrogen	8.5	0.6	LANL Int BG LVL	2.41	3.5	0.425	mg/L	25		NQ	NQ	EPA:353.2	GELC	
C5	29	42	06/15/05	59.4	246	99.35	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Perchlorate	63.5	0.6	LANL Int BG LVL	0.05	1270	5	ug/L	100		NQ	NQ	SW-846:6850	GELC	
C5	29	42	06/15/05	19.5	28.8	24.55	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Sodium	28.8	1.2	LANL Int BG LVL	12.19	2.4	0.1	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	29	42	06/15/05	196	339	275.5	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	METALS	Strontium	325	1.2	LANL Int BG LVL	154.8	2.1	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	29	42	06/15/05	298	497	398	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	GENINORG	Total Dissolved Solids	390	1	LANL Int BG LVL	127	3.1	3.4	mg/L	1		NQ	NQ	EPA:160.1	GELC	
C5	29	42	06/15/05	23.7	288	35.9	42	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-6	686	11/02/12	REG	F	INIT	METALS	Zinc	24.8	0.7	LANL Int BG LVL	2	12.4	3.3	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C6	12	13	09/24/01	0.78	203	9.195	10	White Rock Canyon and Rio Grande	Regional Spring	Spring 2	0	09/24/12	REG	F	INIT	METALS	Manganese	203	22.1	NM GW STD	200	1	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	steady increase from 10 ug/L in 2009
CA	12	13	09/24/01	0.78	203	9.195	10	White Rock Canyon and Rio Grande	Regional Spring	Spring 2	0	09/24/12	REG	F	INIT	METALS	Manganese	203	22.1	NM GW STD	200	1	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	steady increase from 10 ug/L in 2009
C5	16	22	11/05/08	2.35	49.6	9.39	19	Sandia Canyon	Regional	R-43 S1	903.9	11/07/12	REG	F	INIT	METALS	Chromium	49.6	5.3	NM GW STD	50	0.99	2	ug/L	1		NQ	NQ	SW-846:6020	GELC	just below standard, steady increase since 2010