SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN AUGUST 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 8-12 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 8-12 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	36	51	03/21/00	0.42	0.42	0.42	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	07/13/12	REG	UF	CS	VOC	Chloromethane	0.42	1	EPA TAP SCRN LVL	190	0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	11	11	08/13/01	0.11	0.15	0.14	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25 S1	737.6	07/18/12	REG	UF	CS	LCMS/MS HIGH EXPLOSIVES	DNX	0.11	0.8				0.0976	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	
C1	13	13	08/14/01	0.103	0.103	0.103	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25 S2	882.6	07/18/12	REG	UF	CS	LCMS/MS HIGH EXPLOSIVES	DNX	0.103	1				0.086	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	
C1	12	20	02/05/07	0.081	0.117	0.099	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	07/12/12	REG	UF	CS	LCMS/MS HIGH EXPLOSIVES	DNX	0.117	1.2				0.092	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	
C1	12	20	02/05/07	0.115	0.115	0.115	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	07/12/12	REG	UF	CS	LCMS/MS HIGH EXPLOSIVES	TNX	0.115	1				0.092	ug/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	
C1	35	40	03/23/00	0.43	0.43	0.43	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02656	3	07/25/12	REG	UF	CS	VOC	Chlorobenzene	0.43	1	EPA MCL	100	0	0.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C2	28	32	06/07/05	64.2	365	71.2	32	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-34	883.7	05/30/12	REG	F	CS	GENINORG	Alkalinity-CO3+HCO3	365	5.1	LANL Reg BG LVL	156.6	2.3	0.725	mg/L	1		NQ	NQ	EPA:310.1	GELC	
C2	28	32	06/07/05	206	206	206	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-34	883.7	05/30/12	REG	F	CS	METALS	Aluminum	206	1	LANL Reg BG LVL	68	3	68	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C2	4	4	08/31/10	2.34	2.34	2.34	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	07/19/12	REG	F	CS	METALS	Chromium	2.34	1	LANL Int BG LVL	1	2.3	2	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C3	16	16	12/04/00	78.6	1200	225	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25 S4	1184.6	07/19/12	REG	F	CS	METALS	Iron	524	2.3	NM GW STD	1000	0.5	30	ug/L	1		NQ	NQ	SW-846:6010B	GELC	Other results above 250 ug/L since 2008, some by EES
C5	8	14	04/02/10	10600	49400	18150	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-611923	3.2	07/10/12	REG	F	CS	METALS	Barium	21200	1.2	LANL Avl BG LVL	68.57	309.2	5	ug/L	5		NQ	NQ	SW-846:6010B	GELC	
C5	8	14	04/02/10	2.2	33.4	5.45	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-611923	3.2	07/10/12	REG	F	CS	METALS	Cobalt	5.52	1	LANL Avl BG LVL	0.5	11	5	ug/L	5	J	J	J_LAB	SW-846:6010B	GELC	
C5	8	14	04/02/10	463	7510	1245	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-611923	3.2	07/10/12	REG	F	CS	METALS	Manganese	645	0.5	LANL Avl BG LVL	2	322.5	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	8	14	04/02/10	1.7	7.6	3.315	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-611923	3.2	07/10/12	REG	F	CS	METALS	Nickel	4.13	1.2	LANL Avl BG LVL	1	4.1	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	4	6	11/01/10	335	1250	501	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-611923	3.2	07/10/12	REG	F	CS	METALS	Strontium	506	1	LANL Avl BG LVL	120	4.2	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	39	47	03/28/00	4580	13600	6410	47	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02659	1.7	07/23/12	FD	F	CS	METALS	Barium	8900	1.4	LANL Avl BG LVL	68.57	129.8	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	39	47	03/28/00	4580	13600	6410	47	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02659	1.7	07/23/12	REG	F	CS	METALS	Barium	9120	1.4	LANL Avl BG LVL	68.57	133	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	17	20	08/29/05	141	435	179.5	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02659	1.7	07/23/12	FD	F	CS	METALS	Strontium	297	1.7	LANL Avl BG LVL	120	2.5	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	17	20	08/29/05	141	435	179.5	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02659	1.7	07/23/12	REG	F	CS	METALS	Strontium	303	1.7	LANL Avl BG LVL	120	2.5	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	57	72	01/10/00	146	266	181	66	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	07/13/12	REG	F	CS	METALS	Barium	194	1.1	LANL Int BG LVL	71.83	2.7	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	53	58	01/10/00	122	243	178	51	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Martin Spring	0	07/20/12	REG	F	CS	METALS	Barium	178	1	LANL Int BG LVL	71.83	2.5	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	49	54	01/10/00	570	2840	1820	54	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Martin Spring	0	07/20/12	REG	F	CS	METALS	Boron	1310	0.7	LANL Int BG LVL	15.12	86.6	15	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	53	58	01/10/00	17	50.2	34.75	58	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Martin Spring	0	07/20/12	REG	F	CS	GENINORG	Sodium	36.1	1	LANL Int BG LVL	12.19	3	0.1	mg/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	7	7	04/15/09	2.15	14.2	4.63	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 PZ-2	150	07/16/12	REG	F	CS	METALS	Cobalt	5.41	1.2	LANL Int BG LVL	0.5	10.8	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	7	7	04/15/09	12	93.8	28.9	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 PZ-2	150	07/16/12	REG	F	CS	METALS	Manganese	31.2	1.1	LANL Int BG LVL	2	15.6	2	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	7	7	04/15/09	2.17	6.69	3.97	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 PZ-2	150	07/16/12	REG	F	CS	METALS	Nickel	2.17	0.5	LANL Int BG LVL	1	2.2	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	7	7	04/15/09	4.08	31.5	7.19	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 PZ-2	150	07/16/12	REG	F	CS	METALS	Zinc	7.19	1	LANL Int BG LVL	2	3.6	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	14	18	02/01/07	0.204	0.262	0.229	18	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 S1	651.8	07/26/12	FD	F	CS	GENINORG	Perchlorate	0.226	1	LANL Int BG LVL	0.05	4.5	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	14	18	02/01/07	0.204	0.262	0.229	18	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 S1	651.8	07/26/12	REG	F	CS	GENINORG	Perchlorate	0.233	1	LANL Int BG LVL	0.05	4.7	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	18	22	04/13/05	2.31	14	3.285	12	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 S1	651.8	07/26/12	FD	F	CS	METALS	Zinc	13.1	4	LANL Int BG LVL	2	6.5	3.3	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	18	22	04/13/05	2.31	14	3.285	12	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-26 S1	651.8	07/26/12	REG	F	CS	METALS	Zinc	12.7	3.9	LANL Int BG LVL	2	6.3	3.3	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	7	10	04/20/10	4.3	9.31	6.36	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	16-26644	130	07/12/12	REG	F	CS	METALS	Zinc	6.57	1	LANL Int BG LVL	2	3.3	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	9	10	01/05/09	0.208	0.306	0.2875	10	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	07/23/12	REG	F	CS	GENINORG	Perchlorate	0.298	1	LANL Int BG LVL	0.05	6	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	10	11	01/05/09	3.1	1420	34.7	11	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25b	750	07/23/12	REG	F	CS	METALS	Zinc	19.2	0.6	LANL Int BG LVL	2	9.6	3.3	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	16	16	12/04/00	2.9	20.1	7.4	13	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25 S4	1184.6	07/19/12	REG	F	CS	METALS	Zinc	10.8	1.5	LANL Int BG LVL	2	5.4	3.3	ug/L	1		NQ	NQ	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	15	20	06/01/05	51	65.4	58.45	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	07/11/12	REG	F	CS	METALS	Boron	62.7	1.1	LANL Int BG LVL	15.12	4.1	15	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	15	20	06/01/05	3.2	12.2	4.95	20	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	07/11/12	REG	F	CS	METALS	Nickel	5.91	1.2	LANL Int BG LVL	1	5.9	0.5	ug/L	1		NQ	NQ	SW-846:6020	GELC	
C5	15	20	06/01/05	4.9	31.4	7.8	16	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	07/11/12	REG	F	CS	METALS	Zinc	5.92	0.8	LANL Int BG LVL	2	3	3.3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	4	4	08/31/10	72	115	81.55	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	07/19/12	REG	F	CS	METALS	Boron	81	1	LANL Int BG LVL	15.12	5.4	15	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	4	4	08/31/10	0.351	0.397	0.377	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CDV-16-4ip S1	815.6	07/19/12	REG	F	CS	GENINORG	Perchlorate	0.397	1.1	LANL Int BG LVL	0.05	7.9	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	14	21	12/15/05	5.6	17	13.05	18	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	07/12/12	REG	F	CS	METALS	Zinc	16.9	1.3	LANL Int BG LVL	2	8.4	3.3	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
C5	17	18	09/09/04	12.1	27.5	18.6	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Bulldog Spring	0	07/18/12	FD	F	CS	GENINORG	Chloride	19.1	1	LANL Int BG LVL	7.78	2.5	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	17	18	09/09/04	12.1	27.5	18.6	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Bulldog Spring	0	07/18/12	REG	F	CS	GENINORG	Chloride	19.1	1	LANL Int BG LVL	7.78	2.5	0.067	mg/L	1		NQ	NQ	EPA:300.0	GELC	
C5	16	17	06/22/05	0.606	0.947	0.754	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Bulldog Spring	0	07/18/12	FD	F	CS	GENINORG	Perchlorate	0.903	1.2	LANL Int BG LVL	0.05	18.1	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	16	17	06/22/05	0.606	0.947	0.754	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Bulldog Spring	0	07/18/12	REG	F	CS	GENINORG	Perchlorate	0.902	1.2	LANL Int BG LVL	0.05	18	0.05	ug/L	1		NQ	NQ	SW-846:6850	GELC	
C5	37	42	03/23/00	2030	5150	3180	41	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02656	3	07/25/12	REG	F	CS	METALS	Barium	4390	1.4	LANL Avl BG LVL	68.57	64	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	
CA	7	7	11/15/00	7.2	51.2	36.8	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25 S2	882.6	07/18/12	REG	F	CS	METALS	Cobalt	51.2	1.4	NM GW STD	50	1	1	ug/L	1		NQ	NQ	SW-846:6010B	GELC	similar or higher since 2009, mostly EES analyses