SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN DECEMBER 2008

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. This report contains results for chemical constituents that meet the seven screening criteria laid out in the Compliance Order on Consent (Consent Order), modified May 13, 2008. 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 12-08 Groundwater Report*. This table contains numerous values, often because new data 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 are often similar to data gathered before June 14, 2007. Over time, the data that exceed the reference data are expected to be reduced substantially.

This table includes additional comments on the significance of the results for those that appear to be exceptional or are first-time occurrences of results based on considering monitoring data acquired before June 14, 2007 (using statistics described below).

The table contains supplemental information summarizing monitoring results obtained before June 14, 2007.

The table includes sampling date, the name of the well or spring, the location of the well or spring, the depth of the screened interval, the groundwater zone sampled, analytical result, detection limit, values for regulatory standards, and analytical and secondary validation qualifiers. Additional information describing the locations and analytical data is also included. All data have been through secondary validation. The definitions for abbreviations in the table may be found at http://www.lanl.gov/environment/all/racer.shtml.

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 Region 6 tap water screening levels (for compounds having no other regulatory standard). In the table, the EPA Region 6 tap water screening levels are identified as being for cancer (10^{-5} excess) or noncancer risk values. The data were screened using 10 times the EPA's 10^{-6} excess cancer risk values, 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.

Criteria 5 and 6 involve conclusions based on four consecutive samples. No results are included for these criteria in the table because few locations have been sampled a sufficient number of times since June 14, 2007, to meet the criteria.

DESCRIPTION OF TABLE

The table is divided into separate categories that correspond to the seven screening criteria in the Consent Order: these are labeled (in the first column) C1 through C6 for the numbered criteria and CA for

cases where the concentration of a constituent in a well screen or spring has not previously exceeded either the New Mexico Water Quality Control Commission (NMWQCC) standard or the federal MCLs. Some data meet more than one criterion and appear in the table multiple times. 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, 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 over a longer time frame than samples collected after June 14, 2007. The columns provide summary statistics on 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 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

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

Start Date—sample date

Fld QC Type Code—identifies samples that are field duplicates (definitions for these and other abbreviations may be found at http://www.lanl.gov/environment/all/racer.shtml)

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—gives 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—the analytical result in standard measurement units

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

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

Screen Level—the value of the LVL Type/Risk Code

Exceedance Ratio—the ratio of Std Result to LVL Type/Risk Code

Std Mdl—the method detection limit in standard measurement units

Std UOM— the standard units of measurement

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

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

Concat Flag Code—concatenated secondary validation qualifiers produced by an independent contractor who reviews data packages, verifying, for example, that holding times were met, that all documentation is present, and that analytical laboratory quality control measures were applied, documented, and kept within contract requirements

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

Anyl Meth Code—analytical method number

Lab Code—analytical laboratory name

Comment—a comment on the analytical result

Table 1: NMED 12-08 Groundwater Report

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C1	1	4	10/21/08	0.0175	0.0175	0.0175	1	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		UF	CS	PEST/PCB	Aldrin	309-00-2	0.0175	1.00	EPA TAP SCRN LVL C-5	0.039548	0.4	0.005	ug/L	1	J	J-	P12a	SW-846:8081A	GELC	only detected in 1 of 4 samples on this date
C1	1	2	10/21/08	4.14	4.14	4.14	1	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	4.14	1.00	EPA PRIM DW STD	6	0.7	2.1	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	Primary sample was ND
C1	1	2	10/21/08	3.12	3.12	3.12	1	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		UF	CS	VOA	Acetone	67-64-1	3.12	1.00	EPA TAP SCRN LVL N	5475	0.0	1.5	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	1	2	10/21/08	0.321	0.334	0.3275	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	UF	CS	VOA	Chloroform	67-66-3	0.321	0.98	EPA PRIM DW STD	80	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	1	2	10/21/08	0.321	0.334	0.3275	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		UF	CS	VOA	Chloroform	67-66-3	0.334	1.02	EPA PRIM DW STD	80	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	5	8	07/19/05	61.4	61.4	61.4	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1149.7	09/18/08		UF	CS	VOA	Dioxane[1,4-]	123-91-1	61.4	1.00	EPA TAP SCRN LVL C-5	61.12	1.0	15	ug/L	1	H	J-	V9	SW-846:8260B	GELC	VOC method unreliable; SVOC results were ND
C1	1	1	10/22/08	0.348	0.348	0.348	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	CDV-5.0 SPRING	0	10/22/08		UF	CS	VOA	Toluene	108-88-3	0.348	1.00	NM GW STD	750	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	
C1	9	12	11/14/00	1.1	1.62	1.3	10	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		UF	CS	VOA	Tetrachloroethene	127-18-4	1.62	1.25	EPA PRIM DW STD	5	0.3	0.45	ug/L	1				SW-846:8260B	GELC	detected previously at this level
C1	1	1	10/22/08	0.541	0.541	0.541	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	0.541	1.00	EPA TAP SCRN LVL C-5	370.83	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	not detected previously
C1	9	12	11/14/00	0.8	1.8	1.6	12	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		UF	CS	VOA	Trichloroethene	79-01-6	1.2	0.75	EPA PRIM DW STD	5	0.2	0.25	ug/L	1				SW-846:8260B	GELC	detected previously at this level
C1	11	11	11/15/00	0.162	7.44	3.801	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	891.8	10/22/08		UF	CS	HEXP	Trinitrotoluene[2,4,6-]	118-96-7	0.162	0.04	EPA TAP SCRN LVL C-5	22.411	0.0	0.078	ug/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	
C1	11	11	11/15/00	1.06	3.27	1.3	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	891.8	10/22/08		UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	1.06	0.82				0.13	ug/L	2				SW-846:8321A_MOD	GELC	
C1	11	11	11/15/00	0.49	5.7	1.659	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	891.8	10/22/08		UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	0.588	0.35				0.12	ug/L	2		J	HE7c	SW-846:8321A_MOD	GELC	
C1	1	2	10/21/08	30.2	38.3	34.25	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	DL	SVOA	Phenol	108-95-2	38.3	1.12	NM GW STD	5	7.7	4.2	ug/L	4	J	J	SV88	SW-846:8270C	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C1	1	2	10/21/08	30.2	38.3	34.25	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	SVOA	Phenol	108-95-2	30.2	0.88	NM GW STD	5	6.0	1	ug/L	1		J-	SV12a	SW-846:8270C	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C1	1	2	10/21/08	146	146	146	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	DL	SVOA	Benzoic Acid	65-85-0	146	1.00	EPA TAP SCRN LVL N	146000	0.0	25	ug/L	4				SW-846:8270C	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C1	2	2	12/01/00	1	1.82	1.41	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	VOA	Styrene	100-42-5	1.82	1.29	EPA PRIM DW STD	100	0.0	0.25	ug/L	1				SW-846:8260B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C1	2	2	12/01/00	15	41.9	28.45	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	VOA	Toluene	108-88-3	41.9	1.47	NM GW STD	750	0.1	0.25	ug/L	1				SW-846:8260B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C1	1	1	10/21/08	1.35	1.35	1.35	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	1.35	1.00	EPA TAP SCRN LVL C-5	370.83	0.0	0.25	ug/L	1				SW-846:8260B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C1	2	2	12/01/00	27	27	27	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	VOA	Acetone	67-64-1	27	1.00	EPA TAP SCRN LVL N	5475	0.0	1.5	ug/L	1		J	V7c	SW-846:8260B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C1	2	2	12/01/00	107	107	107	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	VOA	Carbon Disulfide	75-15-0	107	1.00	EPA TAP SCRN LVL N	1042.9	0.1	1.3	ug/L	1				SW-846:8260B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C1	2	2	12/01/00	14.5	14.5	14.5	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	VOA	Butanone[2-]	78-93-3	14.5	1.00	EPA TAP SCRN LVL N	7064.5	0.0	1.3	ug/L	1		J	V7c	SW-846:8260B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C1	10	10	12/04/00	0.732	1.21	0.92	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		UF	CS	VOA	Tetrachloroethene	127-18-4	0.732	0.80	EPA PRIM DW STD	5	0.2	0.45	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	detected previously at this level
C1	2	2	02/05/07	1.24	1.45	1.345	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	1.45	1.08	EPA TAP SCRN LVL C-5	370.83	0.0	0.25	ug/L	1				SW-846:8260B	GELC	detected previously at this level
C1	10	10	12/04/00	0.66	0.9	0.798	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		UF	CS	VOA	Trichloroethene	79-01-6	0.792	0.99	EPA PRIM DW STD	5	0.2	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	detected previously at this level
C1	5	5	06/01/05	10.9	10.9	10.9	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	10/20/08		UF	CS	SVOA	Benzoic Acid	65-85-0	10.9	1.00	EPA TAP SCRN LVL N	146000	0.0	6.7	ug/L	1	J	J	SV7a	SW-846:8270C	GELC	
C1	8	10	06/01/05	10.9	21.1	16	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	10/20/08		UF	CS	VOA	Toluene	108-88-3	21.1	1.32	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC	
C1	8	15	12/15/05	0.121	0.121	0.121	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	UF	RE	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	0.121	1.00	EPA TAP SCRN LVL N	1095	0.0	0.1	ug/L	2	J	J-	HE9	SW-846:8321A_MOD	GELC	
C1	6	9	12/15/05	3.98	3.98	3.98	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	3.98	1.00	EPA PRIM DW STD	6	0.7	2.1	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	Field duplicate was ND
C1	7	11	12/15/05	0.271	0.293	0.285	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	UF	CS	VOA	Trichloroethene	79-01-6	0.271	0.95	EPA PRIM DW STD	5	0.1	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC	detected previously at this level
C2	1	2	10/21/08	69.8	70.8	70.3	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	69.8	0.99	LANL Int BG LVL	52	1.3	0.73	mg/L	1				EPA:310.1	GELC	
C2	1	2	10/21/08	69.8	70.8	70.3	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	70.8	1.01	LANL Int BG LVL	52	1.4	0.73	mg/L	1				EPA:310.1	GELC	
C2	1	2	10/21/08	0.304	0.332	0.318	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Bromide	Br(-1)	0.332	1.04	LANL Int BG LVL	0.03	11.1	0.067	mg/L	1				EPA:300.0	GELC	
C2	1	2	10/21/08	0.304	0.332	0.318	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Bromide	Br(-1)	0.304	0.96	LANL Int BG LVL	0.03	10.1	0.067	mg/L	1				EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C2	1	4	10/21/08	60	63	61.7	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Calcium	Ca	62.5	1.01	LANL Int BG LVL	17.31	3.6	0.03	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	60	63	61.7	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Calcium	Ca	60	0.97	LANL Int BG LVL	17.31	3.5	0.03	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	60	63	61.7	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Calcium	Ca	63	1.02	LANL Int BG LVL	17.31	3.6	0.03	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	60	63	61.7	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Calcium	Ca	60.9	0.99	LANL Int BG LVL	17.31	3.5	0.03	mg/L	1				SW-846:6010B	GELC	
C2	1	2	10/21/08	56.4	57.2	56.8	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Chloride	Cl(-1)	56.4	0.99	LANL Int BG LVL	7.78	7.3	3.3	mg/L	50				EPA:300.0	GELC	
C2	1	2	10/21/08	56.4	57.2	56.8	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Chloride	Cl(-1)	57.2	1.01	LANL Int BG LVL	7.78	7.4	3.3	mg/L	50				EPA:300.0	GELC	
C2	1	2	10/21/08	0.983	0.986	0.9845	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Perchlorate	ClO4	0.983	1.00	LANL Int BG LVL	0.05	19.7	0.1	ug/L	2				SW-846:6850	GELC	
C2	1	2	10/21/08	0.983	0.986	0.9845	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Perchlorate	ClO4	0.986	1.00	LANL Int BG LVL	0.05	19.7	0.1	ug/L	2				SW-846:6850	GELC	
C2	1	2	10/21/08	0.22	0.273	0.2465	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Fluoride	F(-1)	0.273	1.11	LANL Int BG LVL	0.23	1.2	0.033	mg/L	1				EPA:300.0	GELC	
C2	1	4	10/21/08	13.1	13.8	13.5	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Magnesium	Mg	13.8	1.02	LANL Int BG LVL	6.12	2.3	0.085	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	13.1	13.8	13.5	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Magnesium	Mg	13.3	0.99	LANL Int BG LVL	6.12	2.2	0.085	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	13.1	13.8	13.5	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Magnesium	Mg	13.7	1.01	LANL Int BG LVL	6.12	2.2	0.085	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	13.1	13.8	13.5	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Magnesium	Mg	13.1	0.97	LANL Int BG LVL	6.12	2.1	0.085	mg/L	1				SW-846:6010B	GELC	
C2	1	2	10/21/08	4.73	5.1	4.915	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.1	1.04	LANL Int BG LVL	2.41	2.1	0.25	mg/L	25		J-	I6a	EPA:353.2	GELC	
C2	1	2	10/21/08	4.73	5.1	4.915	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4.73	0.96	LANL Int BG LVL	2.41	2.0	0.25	mg/L	25		J-	I6a	EPA:353.2	GELC	
C2	1	4	10/21/08	21.5	22.6	22.3	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Sodium	Na	22.4	1.00	LANL Int BG LVL	12.19	1.8	0.045	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	21.5	22.6	22.3	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Sodium	Na	22.2	1.00	LANL Int BG LVL	12.19	1.8	0.045	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	21.5	22.6	22.3	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Sodium	Na	22.6	1.01	LANL Int BG LVL	12.19	1.9	0.045	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	21.5	22.6	22.3	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Sodium	Na	21.5	0.96	LANL Int BG LVL	12.19	1.8	0.045	mg/L	1				SW-846:6010B	GELC	
C2	1	2	10/21/08	101	101	101	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Sulfate	SO4(-2)	101	1.00	LANL Int BG LVL	40.03	2.5	5	mg/L	50				EPA:300.0	GELC	
C2	1	2	10/21/08	101	101	101	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Sulfate	SO4(-2)	101	1.00	LANL Int BG LVL	40.03	2.5	5	mg/L	50				EPA:300.0	GELC	
C2	1	2	10/21/08	354	377	365.5	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	354	0.97	LANL Int BG LVL	127	2.8	2.4	mg/L	1				EPA:160.1	GELC	
C2	1	2	10/21/08	354	377	365.5	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Total Dissolved Solids	TDS	377	1.03	LANL Int BG LVL	127	3.0	2.4	mg/L	1				EPA:160.1	GELC	
C2	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	563	1.00	LANL Int BG LVL	1	563.0	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C2	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	562	1.00	LANL Int BG LVL	1	562.0	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C2	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Chromium	Cr	562	1.00	LANL Int BG LVL	1	562.0	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C2	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	562	1.00	LANL Int BG LVL	1	562.0	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C2	1	4	10/21/08	12.4	12.8	12.6	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Manganese	Mn	12.4	0.98	LANL Int BG LVL	2	6.2	2	ug/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	12.4	12.8	12.6	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Manganese	Mn	12.6	1.00	LANL Int BG LVL	2	6.3	2	ug/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	12.4	12.8	12.6	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Manganese	Mn	12.8	1.02	LANL Int BG LVL	2	6.4	2	ug/L	1				SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C2	1	4	10/21/08	12.4	12.8	12.6	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Manganese	Mn	12.6	1.00	LANL Int BG LVL	2	6.3	2	ug/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	2.1	2.3	2.2	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Molybdenum	Mo	2.1	0.95	LANL Int BG LVL	2	1.1	0.1	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	2.1	2.3	2.2	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Molybdenum	Mo	2.3	1.05	LANL Int BG LVL	2	1.2	0.1	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	2.1	2.3	2.2	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Molybdenum	Mo	2.3	1.05	LANL Int BG LVL	2	1.2	0.1	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	2.1	2.3	2.2	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Molybdenum	Mo	2.1	0.95	LANL Int BG LVL	2	1.1	0.1	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	15.5	15.9	15.85	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Nickel	Ni	15.8	1.00	LANL Int BG LVL	1	15.8	0.5	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	15.5	15.9	15.85	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Nickel	Ni	15.9	1.00	LANL Int BG LVL	1	15.9	0.5	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	15.5	15.9	15.85	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Nickel	Ni	15.9	1.00	LANL Int BG LVL	1	15.9	0.5	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	15.5	15.9	15.85	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Nickel	Ni	15.5	0.98	LANL Int BG LVL	1	15.5	0.5	ug/L	1				SW-846:6020	GELC	
C2	1	2	10/21/08	61.5	61.5	61.5	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Silicon Dioxide	SiO2	61.5	1.00	LANL Int BG LVL	50.72	1.2	0.032	mg/L	1				SW-846:6010B	GELC	
C2	1	2	10/21/08	61.5	61.5	61.5	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Silicon Dioxide	SiO2	61.5	1.00	LANL Int BG LVL	50.72	1.2	0.032	mg/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	278	293	288	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Strontium	Sr	293	1.02	LANL Int BG LVL	154.76	1.9	1	ug/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	278	293	288	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Strontium	Sr	278	0.97	LANL Int BG LVL	154.76	1.8	1	ug/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	278	293	288	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Strontium	Sr	285	0.99	LANL Int BG LVL	154.76	1.8	1	ug/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	278	293	288	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Strontium	Sr	291	1.01	LANL Int BG LVL	154.76	1.9	1	ug/L	1				SW-846:6010B	GELC	
C2	1	4	10/21/08	1.2	1.3	1.2	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Uranium	U	1.3	1.08	LANL Int BG LVL	0.72	1.8	0.05	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	1.2	1.3	1.2	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Uranium	U	1.2	1.00	LANL Int BG LVL	0.72	1.7	0.05	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	1.2	1.3	1.2	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Uranium	U	1.2	1.00	LANL Int BG LVL	0.72	1.7	0.05	ug/L	1				SW-846:6020	GELC	
C2	1	4	10/21/08	1.2	1.3	1.2	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Uranium	U	1.2	1.00	LANL Int BG LVL	0.72	1.7	0.05	ug/L	1				SW-846:6020	GELC	
C2	26	28	03/23/00	1.1	10.1	2.82	14	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	10/16/08		F	CS	METALS	Cobalt	Co	2.8	0.99	LANL Avl BG LVL	0.5	5.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	10/22/08	0.414	0.414	0.414	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	CDV-5.0 SPRING	0	10/22/08		F	CS	GENINORG	Perchlorate	ClO4	0.414	1.00	LANL Int BG LVL	0.05	8.3	0.05	ug/L	1				SW-846:6850	GELC	
C2	1	1	10/22/08	0.294	0.294	0.294	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	CDV-5.0 SPRING	0	10/22/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.294	1.00	LANL Int BG LVL	0.08	3.7	0.024	mg/L	1				EPA:365.4	GELC	
C2	1	1	10/22/08	2.6	2.6	2.6	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	CDV-5.0 SPRING	0	10/22/08		F	CS	METALS	Chromium	Cr	2.6	1.00	LANL Int BG LVL	1	2.6	1.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	6	7	11/29/01	2.79	5.2	3.7	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Water Canyon Gallery	0	10/17/08		F	CS	METALS	Vanadium	V	5.2	1.41	LANL Int BG LVL	4.91	1.1	1	ug/L	1				SW-846:6010B	GELC	
C2	5	5	05/03/01	59.4	87	75.2	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	60.2	0.80	LANL Int BG LVL	52	1.2	0.73	mg/L	1				EPA:310.1	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C2	6	6	11/14/00	0.072	0.083	0.0775	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	GENINORG	Bromide	Br(-1)	0.072	0.93	LANL Int BG LVL	0.03	2.4	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C2	6	6	11/14/00	10.5	13.5	12	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	GENINORG	Chloride	Cl(-1)	12	1.00	LANL Int BG LVL	7.78	1.5	0.066	mg/L	1				EPA:300.0	GELC	
C2	2	2	08/02/05	0.566	0.577	0.5715	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	GENINORG	Perchlorate	ClO4	0.566	0.99	LANL Int BG LVL	0.05	11.3	0.05	ug/L	1				SW-846:6850	GELC	
C2	3	3	02/04/02	0.08	0.08	0.08	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.08	1.00	LANL Int BG LVL	0.08	1.0	0.024	mg/L	1				EPA:365.4	GELC	
C2	5	10	08/07/02	83	184	142	10	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	GENINORG	Total Dissolved Solids	TDS	141	0.99	LANL Int BG LVL	127	1.1	2.4	mg/L	1				EPA:160.1	GELC	
C2	6	6	11/14/00	95.5	270	218	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Boron	B	95.5	0.44	LANL Int BG LVL	15.12	6.3	10	ug/L	1				SW-846:6010B	GELC	
C2	6	6	11/14/00	1.7	11.1	4.3	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Cobalt	Co	4.3	1.00	LANL Int BG LVL	0.5	8.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	6	6	11/14/00	0.82	6.7	2.17	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Chromium	Cr	6.7	3.09	LANL Int BG LVL	1	6.7	1.5	ug/L	1				SW-846:6020	GELC	
C2	6	6	11/14/00	6.9	183	73.9	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Manganese	Mn	61.8	0.84	LANL Int BG LVL	2	30.9	2	ug/L	1				SW-846:6010B	GELC	
C2	6	6	11/14/00	9.5	723	359	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Nickel	Ni	338	0.94	LANL Int BG LVL	1	338.0	0.5	ug/L	1				SW-846:6020	GELC	
C2	6	6	11/14/00	0.74	1.43	1.22	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Uranium	U	0.92	0.75	LANL Int BG LVL	0.72	1.3	0.05	ug/L	1				SW-846:6020	GELC	
C2	6	6	11/14/00	4.7	13	5.5	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Zinc	Zn	4.7	0.85	LANL Int BG LVL	2	2.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	1	1	10/21/08	286	286	286	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	286	1.00	LANL Int BG LVL	52	5.5	0.73	mg/L	1				EPA:310.1	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	0.154	0.154	0.154	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Bromide	Br(-1)	0.154	1.00	LANL Int BG LVL	0.03	5.1	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	100	100	100	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Calcium	Ca	100	1.00	LANL Int BG LVL	17.31	5.8	0.03	mg/L	1				SW-846:6010B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C2	1	1	10/21/08	9.09	9.09	9.09	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Chloride	Cl(-1)	9.09	1.00	LANL Int BG LVL	7.78	1.2	0.066	mg/L	1				EPA:300.0	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	0.497	0.497	0.497	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Perchlorate	ClO4	0.497	1.00	LANL Int BG LVL	0.05	9.9	0.05	ug/L	1				SW-846:6850	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	0.277	0.277	0.277	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Fluoride	F(-1)	0.277	1.00	LANL Int BG LVL	0.23	1.2	0.033	mg/L	1				EPA:300.0	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	10.3	10.3	10.3	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Potassium	K	10.3	1.00	LANL Int BG LVL	10.03	1.0	0.05	mg/L	1				SW-846:6010B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	2.66	2.66	2.66	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	2.66	1.00	LANL Int BG LVL	1.5	1.8	0.15	mg/L	5				EPA:350.1	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	19.6	19.6	19.6	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Sodium	Na	19.6	1.00	LANL Int BG LVL	12.19	1.6	0.045	mg/L	1				SW-846:6010B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	339	339	339	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Total Dissolved Solids	TDS	339	1.00	LANL Int BG LVL	127	2.7	2.4	mg/L	1				EPA:160.1	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	61.6	61.6	61.6	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	METALS	Boron	B	61.6	1.00	LANL Int BG LVL	15.12	4.1	10	ug/L	1				SW-846:6010B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	7.4	7.4	7.4	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	METALS	Molybdenum	Mo	7.4	1.00	LANL Int BG LVL	2	3.7	0.1	ug/L	1				SW-846:6020	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	5.8	5.8	5.8	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	METALS	Nickel	Ni	5.8	1.00	LANL Int BG LVL	1	5.8	0.5	ug/L	1				SW-846:6020	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	0.67	0.67	0.67	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	METALS	Antimony	Sb	0.67	1.00	LANL Int BG LVL	0.5	1.3	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	366	366	366	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	METALS	Strontium	Sr	366	1.00	LANL Int BG LVL	154.76	2.4	1	ug/L	1				SW-846:6010B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	1	1	10/21/08	7.7	7.7	7.7	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	METALS	Vanadium	V	7.7	1.00	LANL Int BG LVL	4.91	1.6	1	ug/L	1				SW-846:6010B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C2	1	1	10/21/08	3.3	3.3	3.3	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	METALS	Zinc	Zn	3.3	1.00	LANL Int BG LVL	2	1.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C2	8	8	12/04/00	59.4	74	66.4	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	59.7	0.90	LANL Int BG LVL	52	1.2	0.73	mg/L	1				EPA:310.1	GELC	
C2	8	8	12/04/00	18.6	140	61.4	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	GENINORG	Calcium	Ca	20.2	0.33	LANL Int BG LVL	17.31	1.2	0.03	mg/L	1				SW-846:6010B	GELC	
C2	4	4	08/04/05	0.452	0.511	0.487	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	GENINORG	Perchlorate	ClO4	0.497	1.02	LANL Int BG LVL	0.05	9.9	0.05	ug/L	1				SW-846:6850	GELC	
C2	5	5	02/06/02	0.092	0.143	0.111	4	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.122	1.10	LANL Int BG LVL	0.08	1.5	0.024	mg/L	1				EPA:365.4	GELC	
C2	6	6	08/08/02	125	459	151.5	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	GENINORG	Total Dissolved Solids	TDS	142	0.94	LANL Int BG LVL	127	1.1	2.4	mg/L	1				EPA:160.1	GELC	
C2	8	8	12/04/00	9.7	28.8	23.3	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	METALS	Boron	B	28.8	1.24	LANL Int BG LVL	15.12	1.9	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	8	8	12/04/00	2	140	16.5	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	METALS	Manganese	Mn	2	0.12	LANL Int BG LVL	2	1.0	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	8	8	12/04/00	0.75	3.6	1.84	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	METALS	Nickel	Ni	1	0.54	LANL Int BG LVL	1	1.0	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	1	1	10/20/08	56.7	56.7	56.7	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	METALS	Silicon Dioxide	SiO2	56.7	1.00	LANL Int BG LVL	50.72	1.1	0.032	mg/L	1				SW-846:6010B	GELC	
C2	8	8	12/04/00	2.9	8.74	5.75	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1192.4	10/20/08		F	CS	METALS	Zinc	Zn	7.4	1.29	LANL Int BG LVL	2	3.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	3	5	02/05/07	0.287	0.303	0.295	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		F	CS	GENINORG	Perchlorate	ClO4	0.303	1.03	LANL Int BG LVL	0.05	6.1	0.05	ug/L	1				SW-846:6850	GELC	
C2	3	5	02/05/07	0.287	0.303	0.295	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	F	CS	GENINORG	Perchlorate	ClO4	0.291	0.99	LANL Int BG LVL	0.05	5.8	0.05	ug/L	1				SW-846:6850	GELC	
C2	6	8	12/15/05	0.106	0.281	0.204	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	F	CS	GENINORG	Fluoride	F(-1)	0.236	1.16	LANL Int BG LVL	0.23	1.0	0.033	mg/L	1				EPA:300.0	GELC	
C2	6	8	12/15/05	0.106	0.281	0.204	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		F	CS	GENINORG	Fluoride	F(-1)	0.253	1.24	LANL Int BG LVL	0.23	1.1	0.033	mg/L	1				EPA:300.0	GELC	
C2	6	8	12/15/05	12.3	19.3	13.55	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	F	CS	GENINORG	Sodium	Na	12.5	0.92	LANL Int BG LVL	12.19	1.0	0.045	mg/L	1				SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C2	6	8	12/15/05	12.3	19.3	13.55	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		F	CS	GENINORG	Sodium	Na	12.3	0.91	LANL Int BG LVL	12.19	1.0	0.045	mg/L	1				SW-846:6010B	GELC	
C2	6	8	12/15/05	15.4	23.3	19.7	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	F	CS	METALS	Boron	B	19.6	0.99	LANL Int BG LVL	15.12	1.3	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	6	8	12/15/05	15.4	23.3	19.7	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		F	CS	METALS	Boron	B	23.3	1.18	LANL Int BG LVL	15.12	1.5	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	6	8	12/15/05	2.2	13	5.3	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		F	CS	METALS	Manganese	Mn	2.2	0.42	LANL Int BG LVL	2	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	6	8	12/15/05	2.2	13	5.3	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	F	CS	METALS	Manganese	Mn	3.7	0.70	LANL Int BG LVL	2	1.9	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	6	8	12/15/05	1.1	1.8	1.2	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		F	CS	METALS	Nickel	Ni	1.3	1.08	LANL Int BG LVL	1	1.3	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	6	8	12/15/05	1.1	1.8	1.2	7	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	F	CS	METALS	Nickel	Ni	1.2	1.00	LANL Int BG LVL	1	1.2	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C2	1	2	10/21/08	61.1	61.6	61.35	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		F	CS	METALS	Silicon Dioxide	SiO2	61.6	1.00	LANL Int BG LVL	50.72	1.2	0.032	mg/L	1				SW-846:6010B	GELC	
C2	1	2	10/21/08	61.1	61.6	61.35	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	F	CS	METALS	Silicon Dioxide	SiO2	61.1	1.00	LANL Int BG LVL	50.72	1.2	0.032	mg/L	1				SW-846:6010B	GELC	
C2	6	8	12/15/05	5.6	17	11.8	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		F	CS	METALS	Zinc	Zn	12.1	1.03	LANL Int BG LVL	2	6.1	2	ug/L	1				SW-846:6010B	GELC	
C2	6	8	12/15/05	5.6	17	11.8	5	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08	FD	F	CS	METALS	Zinc	Zn	11.8	1.00	LANL Int BG LVL	2	5.9	2	ug/L	1				SW-846:6010B	GELC	
C2	7	12	07/01/06	77	77	77	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Regional	R-27	852	10/10/08		F	CS	METALS	Aluminum	Al	77	1.00	LANL Reg BG LVL	68	1.1	68	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	6	6	08/24/05	22.8	37.1	25.15	4	Ancho Canyon	Regional	Test Well DT-5A	1172	10/17/08		F	CS	METALS	Iron	Fe	37.1	1.48	LANL Reg BG LVL	21	1.8	25	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	6	10	07/20/05	26.2	60.7	43.95	4	Ancho Canyon	Regional	Test Well DT-9	1040	10/15/08	FD	F	CS	METALS	Iron	Fe	60.7	1.38	LANL Reg BG LVL	21	2.9	25	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	6	10	07/20/05	26.2	60.7	43.95	4	Ancho Canyon	Regional	Test Well DT-9	1040	10/15/08		F	CS	METALS	Iron	Fe	56.8	1.29	LANL Reg BG LVL	21	2.7	25	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C2	5	6	12/04/06	0.347	1.09	0.683	3	Ancho Canyon	Regional	Test Well DT-10	1080	10/16/08		UF	CS	GENINORG	Total Organic Carbon	TOC	1.09	1.60	LANL Reg BG LVL	0.33	3.3	0.33	mg/L	1				SW-846:9060	GELC	
C2	6	7	09/27/01	0.479	1.82	0.5845	4	Ancho Canyon	Regional	R-31	830.9	10/21/08		UF	CS	GENINORG	Total Organic Carbon	TOC	0.573	0.98	LANL Reg BG LVL	0.33	1.7	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	5	5	12/15/00	0.568	3.1	2.99	5	Ancho Canyon	Regional	R-31	1011.3	10/22/08		F	CS	GENINORG	Potassium	K	2.99	1.00	LANL Reg BG LVL	2.63	1.1	0.05	mg/L	1				SW-846:6010B	GELC	

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C2	3	3	09/28/01	0.567	2.27	1.4185	2	Ancho Canyon	Regional	R-31	1011.3	10/22/08		UF	CS	GENINORG	Total Organic Carbon	TOC	0.567	0.40	LANL Reg BG LVL	0.33	1.7	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
C2	5	5	12/15/00	19.6	1730	489	3	Ancho Canyon	Regional	R-31	1011.3	10/22/08		F	CS	METALS	Zinc	Zn	19.6	0.04	LANL Reg BG LVL	3.89	5.0	2	ug/L	1				SW-846:6010B	GELC	
C2	9	15	10/19/00	0.321	0.591	0.468	15	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	09/26/08		F	CS	GENINORG	Fluoride	F(-1)	0.588	1.26	LANL Reg BG LVL	0.57	1.0	0.033	mg/L	1				EPA:300.0	GELC	
C2	9	15	10/19/00	0.321	0.591	0.468	15	White Rock Canyon and Rio Grande	Regional Spring	Sacred Spring	0	09/26/08	FD	F	CS	GENINORG	Fluoride	F(-1)	0.591	1.26	LANL Reg BG LVL	0.57	1.0	0.033	mg/L	1				EPA:300.0	GELC	
C2	9	11	10/19/00	2.35	4.92	2.73	11	White Rock Canyon and Rio Grande	Regional Spring	La Mesita Spring	0	09/26/08		F	CS	GENINORG	Potassium	K	2.63	0.96	LANL Reg BG LVL	2.63	1.0	0.05	mg/L	1	E			SW-846:6010B	GELC	
C2	7	8	09/25/00	3.9	5.9	4.82	5	White Rock Canyon and Rio Grande	Regional Spring	Spring 1	0	09/29/08		F	CS	METALS	Chromium	Cr	5.9	1.22	LANL Reg BG LVL	5.75	1.0	1.5	ug/L	1				SW-846:6020	GELC	
C2	7	8	09/25/00	2.5	3.6	3.26	5	White Rock Canyon and Rio Grande	Regional Spring	Spring 1	0	09/29/08		F	CS	METALS	Molybdenum	Mo	2.5	0.77	LANL Reg BG LVL	2	1.3	0.1	ug/L	1				SW-846:6020	GELC	
C3	1	2	10/21/08	4.73	5.1	4.915	2	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.1	1.04	EPA PRIM DW STD	10	1.0	0.25	mg/L	25		J-	I6a	EPA:353.2	GELC	new well, result expected
C3	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	562	1.00	NM GW STD	50	22.5	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	562	1.00	NM GW STD	50	22.5	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	563	1.00	NM GW STD	50	22.5	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Chromium	Cr	562	1.00	NM GW STD	50	22.5	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	1	2	10/21/08	4.14	4.14	4.14	1	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	4.14	1.00	EPA PRIM DW STD	6	1.4	2.1	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	Primary sample was ND
C3	1	2	10/09/08	5.9	6	5.95	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6	1.01	EPA PRIM DW STD	10	1.2	0.1	mg/L	10				EPA:353.2	GELC	new well, result expected
C3	1	2	10/09/08	5.9	6	5.95	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.9	0.99	EPA PRIM DW STD	10	1.2	0.05	mg/L	5				EPA:353.2	GELC	new well, result expected
C3	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08	FD	F	CS	METALS	Chromium	Cr	744	0.90	NM GW STD	50	29.8	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08	FD	F	CS	METALS	Chromium	Cr	798	0.97	NM GW STD	50	31.9	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08	FD	F	CS	METALS	Chromium	Cr	831	1.01	NM GW STD	50	33.2	7.5	ug/L	5				SW-846:6020	GELC	new well, result expected
C3	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08		F	CS	METALS	Chromium	Cr	828	1.00	NM GW STD	50	33.1	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08		F	CS	METALS	Chromium	Cr	820	1.00	NM GW STD	50	32.8	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08		F	CS	METALS	Chromium	Cr	848	1.03	NM GW STD	50	33.9	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
C3	5	8	07/19/05	61.4	61.4	61.4	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1149.7	09/18/08		UF	CS	VOA	Dioxane[1,4-]	123-91-1	61.4	1.00	EPA TAP SCRN LVL C-5	61.12	2.0	15	ug/L	1	H	J-	V9	SW-846:8260B	GELC	VOC method unreliable; SVOC results were ND
C3	6	6	11/14/00	9.5	723	359	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Nickel	Ni	338	0.94	NM GW STD	200	3.4	0.5	ug/L	1				SW-846:6020	GELC	many higher results at this port

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
C3	11	11	11/15/00	0.0273	38.4	3.21	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	891.8	10/22/08		UF	DL	HEXP	RDX	121-82-4	25.7	8.01	EPA TAP SCRN LVL C-5	6.112	8.4	0.65	ug/L	10		J	HE7c	SW-846:8321A_MOD	GELC	unusually high result for this port, one prior above this value
C3	1	1	10/21/08	2.66	2.66	2.66	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	2.66	1.00	EPA TAP SCRN LVL	0.20857	25.5	0.15	mg/L	5				EPA:350.1	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C3	1	2	10/21/08	30.2	38.3	34.25	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	DL	SVOA	Phenol	108-95-2	38.3	1.12	NM GW STD	5	15.3	4.2	ug/L	4	J	J	SV88	SW-846:8270C	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C3	1	2	10/21/08	30.2	38.3	34.25	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	SVOA	Phenol	108-95-2	30.2	0.88	NM GW STD	5	12.1	1	ug/L	1		J-	SV12a	SW-846:8270C	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
C3	6	9	12/15/05	3.98	3.98	3.98	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-2(i)r	850	10/21/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	3.98	1.00	EPA PRIM DW STD	6	1.3	2.1	ug/L	1	J	J	J_LAB	SW-846:8270C	GELC	Field duplicate was ND
C3	1	1	11/05/08	6.03	6.03	6.03	1	Sandia Canyon	Regional	R-43	903.9	11/05/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	6.03	1.00	EPA PRIM DW STD	10	1.2	0.25	mg/L	25				EPA:353.2	GELC	Sample taken following aquifer test, prior to sampling system installation
CA	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	563	1.00	NM GW STD	50	11.3	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	562	1.00	NM GW STD	50	11.2	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08	FD	F	CS	METALS	Chromium	Cr	562	1.00	NM GW STD	50	11.2	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	1	4	10/21/08	562	563	562	4	Sandia Canyon	Intermediate	SCI-2	548	10/21/08		F	CS	METALS	Chromium	Cr	562	1.00	NM GW STD	50	11.2	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08		F	CS	METALS	Chromium	Cr	828	1.00	NM GW STD	50	16.6	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08	FD	F	CS	METALS	Chromium	Cr	744	0.90	NM GW STD	50	14.9	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08	FD	F	CS	METALS	Chromium	Cr	831	1.01	NM GW STD	50	16.6	7.5	ug/L	5				SW-846:6020	GELC	new well, result expected
CA	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08		F	CS	METALS	Chromium	Cr	820	1.00	NM GW STD	50	16.4	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08		F	CS	METALS	Chromium	Cr	848	1.03	NM GW STD	50	17.0	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	1	6	10/09/08	744	848	824	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-42	931.8	10/09/08	FD	F	CS	METALS	Chromium	Cr	798	0.97	NM GW STD	50	16.0	1.5	ug/L	1				SW-846:6020	GELC	new well, result expected
CA	5	8	07/19/05	61.4	61.4	61.4	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1149.7	09/18/08		UF	CS	VOA	Dioxane[1,4-]	123-91-1	61.4	1.00	EPA TAP SCRN LVL C-5	61.12	1.0	15	ug/L	1	H	J-	V9	SW-846:8260B	GELC	VOC method unreliable; SVOC results were ND
CA	6	6	11/14/00	9.5	723	359	6	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	754.8	10/22/08		F	CS	METALS	Nickel	Ni	338	0.94	NM GW STD	200	1.7	0.5	ug/L	1				SW-846:6020	GELC	many higher results at this port

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port 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	Comment
CA	11	11	11/15/00	0.0273	38.4	3.21	8	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	891.8	10/22/08		UF	DL	HEXP	RDX	121-82-4	25.7	8.01	EPA TAP SCRN LVL C-5	6.112	4.2	0.65	ug/L	10		J	HE7c	SW-846:8321A_MOD	GELC	unusually high result for this port, one prior above this value
CA	1	1	10/21/08	2.66	2.66	2.66	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	2.66	1.00	EPA TAP SCRN LVL	0.20857	12.8	0.15	mg/L	5				EPA:350.1	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
CA	1	2	10/21/08	30.2	38.3	34.25	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	CS	SVOA	Phenol	108-95-2	30.2	0.88	NM GW STD	5	6.0	1	ug/L	1		J-	SV12a	SW-846:8270C	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)
CA	1	2	10/21/08	30.2	38.3	34.25	2	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Intermediate	R-25	1063.4	10/21/08		UF	DL	SVOA	Phenol	108-95-2	38.3	1.12	NM GW STD	5	7.7	4.2	ug/L	4	J	J	SV88	SW-846:8270C	GELC	sump water, sampled to assess possible inflow of perched groundwater during drilling of nearby R-25(c)