SUMMARY OF NEW LOS ALAMOS NATIONAL LABORATORY GROUNDWATER DATA LOADED IN JULY 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 tables) that provide surveillance of the groundwater zones indicated in the tables. Because of problems with the database, only part of the data is available; the remainder will be included in a subsequent report.

The report includes two tables.

Table 1: NMED 7-08 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 (as specified in the Consent Order) or are greater than some previous reference data, which have a reference period that began only recently (June 14, 2007). These data are often very similar to corresponding data gathered before June 14, 2007. Over time, the data that exceed the reference data are expected to be reduced substantially.

Table 2: NMED 7-08 Groundwater Report Summary. This table focuses on results that are first-time occurrences of results based on considering monitoring data acquired before June 14, 2007 (using statistics described below). This table includes additional comments on significance of the results.

Both tables contain supplemental information summarizing monitoring results obtained before June 14, 2007.

The tables include 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. Generally, all data have been through secondary validation, as indicated in the tables by a preliminary flag of N. The definitions for abbreviations in the tables may be found at http://wqdbworld.lanl.gov/ under “Lookup Tables” under the menu on the left side of the page.

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 tables, 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 three consecutive samples. No results are included for these criteria in the tables because no location has been sampled a sufficient number of times since June 14, 2007, to meet the criteria.

DESCRIPTION OF TABLES

The tables are 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 tables 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 tables 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 number of sampling events and the 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://wqdbworld.lanl.gov/)

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 7-08 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
C1	4	6	02/13/07	0.26	0.291	0.289	3	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		UF	CS	VOA	Chloroform	67-66-3	0.26	0.90	EPA PRIM DW STD	80	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	4	6	02/13/07	5.79	5.79	5.79	1	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	UF	CS	VOA	Butanone[2-]	78-93-3	5.79	1.00	EPA TAP SCRN LVL N	7064.5	0.0	1.3	ug/L	1		J	V7c	SW-846:8260B	GELC
C1	4	4	06/18/07	3.86	3.86	3.86	1	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		UF	CS	VOA	Styrene	100-42-5	3.86	1.00	EPA PRIM DW STD	100	0.0	0.25	ug/L	1				SW-846:8260B	GELC
C1	7	7	01/11/07	1.52	1.52	1.52	1	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		UF	CS	VOA	Naphthalene	91-20-3	1.52	1.00	NM GW STD	30	0.1	0.25	ug/L	1				SW-846:8260B	GELC
C1	4	5	08/29/07	2.49	2.49	2.49	1	Sandia Canyon	Regional	R-35b	825.4	05/13/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	2.49	1.00	EPA PRIM DW STD	6	0.4	2.4	ug/L	1	J	J-	SV9	SW-846:8270C	GELC
C1	4	5	08/30/07	0.034	0.034	0.034	1	Sandia Canyon	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Aldrin	309-00-2	0.034	1.00	EPA TAP SCRN LVL C-5	0.039548	0.9	0.0056	ug/L	1				SW-846:8081A	GELC
C1	4	5	08/30/07	0.0103	0.0103	0.0103	1	Sandia Canyon	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Dieldrin	60-57-1	0.0103	1.00	EPA TAP SCRN LVL C-5	0.04202	0.3	0.0056	ug/L	1	JP	J	J_LAB	SW-846:8081A	GELC
C1	5	5	07/10/06	5.22E-07	0.00000131	0.000000916	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		UF	CS	DIOX/FUR	Tetrachlorodibenzofurans (Totals)	55722-27-5	0.00000131	1.43				0.00000131	ug/L	1				SW-846:8290	ALTC
C1	5	5	07/10/06	0.00000111	0.00000111	0.00000111	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		UF	CS	DIOX/FUR	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	0.00000111	1.00				0.00000111	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC
C1	11	12	06/23/05	0.356	0.356	0.356	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	05/29/08		UF	CS	VOA	Chloroform	67-66-3	0.356	1.00	EPA PRIM DW STD	80	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	11	13	06/09/05	1.25	1.75	1.5	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689	05/20/08		UF	CS	VOA	Acetone	67-64-1	1.25	0.83	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	12	18	05/19/05	1.34	2.44	1.34	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-1	1031.1	05/20/08		UF	CS	VOA	Acetone	67-64-1	1.34	1.00	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1	J	J	V7c	SW-846:8260B	GELC
C1	12	14	05/20/05	1.52	2.91	2.215	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/14/08		UF	CS	VOA	Acetone	67-64-1	1.52	0.69	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	15	16	04/18/02	1.46	71.2	66.9	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-13	958.3	05/14/08	FD	UF	CS	VOA	Acetone	67-64-1	1.46	0.02	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	1	1	05/12/08	59.1	59.1	59.1	1		Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	9.9	2.2	ug/L	1				SW-846:8270C	GELC
C1	1	1	05/12/08	11.2	11.2	11.2	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Toluene	108-88-3	11.2	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC
C1	1	1	05/12/08	9.02	9.02	9.02	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Acetone	67-64-1	9.02	1.00	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1				SW-846:8260B	GELC
C1	1	1	05/12/08	23.6	23.6	23.6	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	2.7	0.5	ug/L	1				SW-846:8260B	GELC
C1	1	1	05/12/08	1.86	1.86	1.86	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Chloromethane	74-87-3	1.86	1.00	EPA TAP SCRN LVL C-5	21.345	0.1	0.5	ug/L	1				SW-846:8260B	GELC
C2	8	11	08/24/05	0.016	0.152	0.053	3	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/23/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.152	2.87	LANL Int BG LVL	0.08	1.9	0.024	mg/L	1		J	l4a	EPA:365.4	GELC
C2	8	9	08/24/05	16.8	23.5	22.05	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/23/08		F	CS	METALS	Boron	B	23.5	1.07	LANL Int BG LVL	15.12	1.6	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	8	9	08/24/05	16.8	23.5	22.05	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/23/08	FD	F	CS	METALS	Boron	B	22.4	1.02	LANL Int BG LVL	15.12	1.5	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	4	05/25/04	0.321	0.425	0.388	4	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Water Supply	LA-5	440	12/19/07		UF	CS	GENINORG	Perchlorate	ClO4	0.425	1.10	LANL Reg BG LVL	0.05	8.5	0.05	ug/L	1				SW-846:6850	GELC
C2	5	5	10/16/06	0.91	0.91	0.91	1	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	METALS	Lead	Pb	0.91	1.00	LANL Avl BG LVL	0.5	1.8	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	4	6	02/13/07	41.3	67.9	49.95	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Boron	B	67.9	1.36	LANL Avl BG LVL	51.89	1.3	10	ug/L	1				SW-846:6010B	GELC
C2	4	6	02/13/07	41.3	67.9	49.95	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Boron	B	62	1.24	LANL Avl BG LVL	51.89	1.2	10	ug/L	1				SW-846:6010B	GELC
C2	4	6	02/13/07	1.6	1.6	1.6	2	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Beryllium	Be	1.6	1.00	LANL Avl BG LVL	1	1.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	6	02/13/07	1.6	1.6	1.6	2	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Beryllium	Be	1.6	1.00	LANL Avl BG LVL	1	1.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	6	02/13/07	3.2	120	106	3	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Copper	Cu	106	1.00	LANL Avl BG LVL	3	35.3	3	ug/L	1	N			SW-846:6010B	GELC
C2	4	6	02/13/07	3.2	120	106	3	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Copper	Cu	120	1.13	LANL Avl BG LVL	3	40.0	3	ug/L	1	N			SW-846:6010B	GELC
C2	4	6	02/13/07	1.1	1.3	1.2	2	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Lead	Pb	1.1	0.92	LANL Avl BG LVL	0.5	2.2	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	4	6	02/13/07	1.1	1.3	1.2	2	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Lead	Pb	1.3	1.08	LANL Avl BG LVL	0.5	2.6	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	8	9	09/18/00	0.07	0.128	0.099	2	Sandia Canyon	Intermediate	R-12	468.1	05/15/08		F	CS	GENINORG	Bromide	Br(-1)	0.128	1.29	LANL Int BG LVL	0.03	4.3	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	8	8	09/18/00	0.392	9	2.75	8	Sandia Canyon	Intermediate	R-12	468.1	05/15/08		F	CS	GENINORG	Magnesium	Mg	6.28	2.28	LANL Int BG LVL	6.12	1.0	0.085	mg/L	1				SW-846:6010B	GELC
C2	4	4	09/10/01	0.025	8.86	0.09	3	Sandia Canyon	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	LANL Int BG LVL	0.08	110.8	0.24	mg/L	10				EPA:365.4	GELC
C2	7	7	09/19/00	3.3	3.3	3.3	1	Sandia Canyon	Intermediate	R-12	507	05/19/08		F	CS	METALS	Chromium	Cr	3.3	1.00	LANL Int BG LVL	1	3.3	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	7	7	09/19/05	0.036	0.18	0.089	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.18	2.02	LANL Avl BG LVL	0.05	3.6	0.024	mg/L	1		J	l4a	EPA:365.4	GELC
C2	7	7	09/19/05	3.9	6.8	5.35	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Molybdenum	Mo	3.9	0.73	LANL Avl BG LVL	2	2.0	0.1	ug/L	1		J	l4a	SW-846:6020	GELC
C2	7	7	09/19/05	0.7	1.9	1.35	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Lead	Pb	1.4	1.04	LANL Avl BG LVL	0.5	2.8	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	4	5	07/17/00	0.175	0.430000007	0.302500004	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.175	0.58	LANL Avl BG LVL	0.05	3.5	0.024	mg/L	1		J	l4a	EPA:365.4	GELC
C2	8	8	04/26/05	3.38	5.41	3.91	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	GENINORG	Potassium	K	5.41	1.38	LANL Avl BG LVL	5.21	1.0	0.05	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
C2	8	8	04/26/05	0.0936	2.3	0.321	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	0.661	2.06	LANL Avl BG LVL	0.57	1.2	0.01	mg/L	1		J	I4a	EPA:353.2	GELC
C2	8	8	04/26/05	808	19900	4965	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Aluminum	Al	19900	4.01	LANL Avl BG LVL	15670	1.3	68	ug/L	1	N	J+	I6b	SW-846:6010B	GELC
C2	8	8	04/26/05	54.1	84.6	66.4	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Barium	Ba	82.1	1.24	LANL Avl BG LVL	68.57	1.2	1	ug/L	1				SW-846:6010B	GELC
C2	8	8	04/26/05	3.2	11.6	4.6	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Chromium	Cr	11.6	2.52	LANL Avl BG LVL	1	11.6	2.5	ug/L	1				SW-846:6020	GELC
C2	8	8	04/26/05	3.1	4.6	3.65	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Copper	Cu	4.6	1.26	LANL Avl BG LVL	3	1.5	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	8	8	04/26/05	449	11000	2670	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Iron	Fe	11000	4.12	LANL Avl BG LVL	8240	1.3	25	ug/L	1				SW-846:6010B	GELC
C2	8	8	04/26/05	0.71	4.6	1.2	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Lead	Pb	4.6	3.83	LANL Avl BG LVL	0.5	9.2	0.5	ug/L	1				SW-846:6020	GELC
C2	2	2	02/07/08	30	109	69.5	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Silicon Dioxide	SiO2	109	1.57	LANL Avl BG LVL	64.21	1.7	0.032	mg/L	1		J-	I6a	SW-846:6010B	GELC
C2	7	9	07/17/00	51.2	182	141	9	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	05/20/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	112	0.79	LANL Avl BG LVL	76	1.5	0.73	mg/L	1				EPA:310.1	GELC
C2	2	2	03/05/08	0.18	0.18	0.18	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	05/20/08		F	CS	GENINORG	Bromide	Br(-1)	0.18	1.00	LANL Avl BG LVL	0.07	2.6	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	10	14	06/30/03	22.6	53.8	32.7	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	GENINORG	Calcium	Ca	33.2	1.02	LANL Avl BG LVL	26.36	1.3	0.03	mg/L	1				SW-846:6010B	GELC
C2	10	14	06/30/03	0.733	5.79	2.45	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	METALS	Cobalt	Co	3.8	1.55	LANL Avl BG LVL	0.5	7.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	10	14	06/30/03	1.48	10.6	5.7	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	METALS	Manganese	Mn	8.3	1.46	LANL Avl BG LVL	2	4.2	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	10	14	06/30/03	1.03	2.3	1.5	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	METALS	Vanadium	V	1.5	1.00	LANL Avl BG LVL	1	1.5	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	5	11/14/06	0.087	0.087	0.087	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	CDBO-6	34	05/22/08		F	CS	GENINORG	Bromide	Br(-1)	0.087	1.00	LANL Avl BG LVL	0.07	1.2	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	7	7	07/07/06	2.1	2.4	2.25	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	METALS	Zinc	Zn	2.1	0.93	LANL Int BG LVL	2	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	9	12	01/24/06	14.5	14.5	14.5	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	LANL Reg BG LVL	0.16	90.6	1.2	mg/L	50				EPA:365.4	GELC
C2	7	11	12/19/05	0.366	0.513	0.385	9	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Perchlorate	ClO4	0.513	1.33	LANL Reg BG LVL	0.46	1.1	0.05	ug/L	1				SW-846:6850	GELC
C2	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	LANL Reg BG LVL	0.16	94.4	0.24	mg/L	10				EPA:365.4	GELC
C2	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	LANL Reg BG LVL	0.16	104.4	0.24	mg/L	10				EPA:365.4	GELC
C2	8	13	08/17/06	0.442	0.868	0.547	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		UF	CS	GENINORG	Total Organic Carbon	TOC	0.443	0.81	LANL Reg BG LVL	0.33	1.3	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC
C2	8	13	08/17/06	0.442	0.868	0.547	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	UF	CS	GENINORG	Total Organic Carbon	TOC	0.507	0.93	LANL Reg BG LVL	0.33	1.5	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC
C2	11	17	12/19/05	9.2	15.2	12.3	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	METALS	Vanadium	V	15.2	1.24	LANL Reg BG LVL	13.41	1.1	1	ug/L	1		J	I4a	SW-846:6010B	GELC
C2	11	17	12/19/05	9.2	15.2	12.3	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		F	CS	METALS	Vanadium	V	14.9	1.21	LANL Reg BG LVL	13.41	1.1	1	ug/L	1		J	I4a	SW-846:6010B	GELC
C2	13	16	03/31/04	4.4	7.81	6.95	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-21	888.8	05/23/08		F	CS	METALS	Zinc	Zn	4.4	0.63	LANL Reg BG LVL	3.89	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	8	8	08/22/06	4.18	8.38	6.505	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	GENINORG	Chloride	Cl(-1)	8.19	1.26	LANL Int BG LVL	7.78	1.1	0.066	mg/L	1				EPA:300.0	GELC
C2	8	8	08/22/06	892	3440	3080	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Aluminum	Al	3080	1.00	LANL Int BG LVL	1065.84	2.9	68	ug/L	1				SW-846:6010B	GELC
C2	8	8	08/22/06	892	3440	3080	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Aluminum	Al	1710	0.56	LANL Int BG LVL	1065.84	1.6	68	ug/L	1				SW-846:6010B	GELC
C2	8	8	08/22/06	23	2070	920	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Iron	Fe	1720	1.87	LANL Int BG LVL	839.99	2.1	25	ug/L	1				SW-846:6010B	GELC
C2	8	8	08/22/06	23	2070	920	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Iron	Fe	920	1.00	LANL Int BG LVL	839.99	1.1	25	ug/L	1				SW-846:6010B	GELC
C2	8	8	08/22/06	0.61	3.6	0.96	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Nickel	Ni	1.1	1.15	LANL Int BG LVL	1	1.1	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	8	8	08/22/06	0.61	3.6	0.96	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Nickel	Ni	3.6	3.75	LANL Int BG LVL	1	3.6	0.5	ug/L	1				SW-846:6020	GELC
C2	8	8	08/22/06	0.54	3.4	1.2	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Lead	Pb	0.54	0.45	LANL Int BG LVL	0.5	1.1	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	8	8	08/22/06	0.54	3.4	1.2	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Lead	Pb	3.4	2.83	LANL Int BG LVL	0.5	6.8	0.5	ug/L	1				SW-846:6020	GELC
C2	8	8	08/22/06	2.1	6	4.55	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Zinc	Zn	4	0.88	LANL Int BG LVL	2	2.0	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	8	8	08/22/06	2.1	6	4.55	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Zinc	Zn	6	1.32	LANL Int BG LVL	2	3.0	2	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	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
C2	8	8	08/31/06	0.124	0.124	0.124	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	12/03/07		F	CS	GENINORG	Bromide	Br(-1)	0.124	1.00	LANL Int BG LVL	0.03	4.1	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	3	3	05/15/07	0.088	0.088	0.088	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.088	1.00	LANL Avl BG LVL	0.05	1.8	0.024	mg/L	1				EPA:365.4	GELC
C2	3	3	05/15/07	5.8	5.8	5.8	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	METALS	Manganese	Mn	5.8	1.00	LANL Avl BG LVL	2	2.9	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	3	3	05/15/07	2.4	2.4	2.4	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	METALS	Vanadium	V	2.4	1.00	LANL Avl BG LVL	1	2.4	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	3	3	05/15/07	7.3	7.3	7.3	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	METALS	Zinc	Zn	7.3	1.00	LANL Avl BG LVL	2	3.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	4	05/26/04	0.303	0.372	0.3365	4	White Rock Canyon and Rio Grande	Water Supply	J. Martinez House Well	-1	12/19/07		UF	CS	GENINORG	Perchlorate	ClO4	0.324	0.96	LANL Reg BG LVL	0.05	6.5	0.05	ug/L	1				SW-846:6850	GELC
C2	4	4	05/25/04	0.082	0.453	0.1525	4	White Rock Canyon and Rio Grande	Water Supply	Pajarito Well (Pump 1)	-1	12/19/07		UF	CS	GENINORG	Perchlorate	ClO4	0.192	1.26	LANL Reg BG LVL	0.05	3.8	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C2	1	1	05/12/08	5.86	5.86	5.86	1		Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Chloride	Cl(-1)	5.86	1.00	LANL Reg BG LVL	3.57	1.6	0.066	mg/L	1				EPA:300.0	GELC
C2	1	1	05/12/08	1.58	1.58	1.58	1		Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Perchlorate	ClO4	1.58	1.00	LANL Reg BG LVL	0.46	3.4	0.2	ug/L	4		J	PE16a	SW-846:6850	GELC
C2	1	1	05/12/08	4.36	4.36	4.36	1		Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Magnesium	Mg	4.36	1.00	LANL Reg BG LVL	4.15	1.1	0.085	mg/L	1				SW-846:6010B	GELC
C2	1	1	05/12/08	2.23	2.23	2.23	1		Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.23	1.00	LANL Reg BG LVL	0.89	2.5	0.1	mg/L	10		J-	I6a	EPA:353.2	GELC
C2	1	1	05/12/08	6.31	6.31	6.31	1		Regional	R-36	766.9	05/12/08		UF	CS	GENINORG	Total Organic Carbon	TOC	6.31	1.00	LANL Reg BG LVL	0.33	19.1	0.33	mg/L	1		J	I4a	SW-846:9060	GELC
C2	1	1	05/12/08	8.8	8.8	8.8	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Chromium	Cr	8.8	1.00	LANL Reg BG LVL	5.75	1.5	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	1	1	05/12/08	103	103	103	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Iron	Fe	103	1.00	LANL Reg BG LVL	21	4.9	25	ug/L	1				SW-846:6010B	GELC
C2	1	1	05/12/08	11.9	11.9	11.9	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Manganese	Mn	11.9	1.00	LANL Reg BG LVL	2.94	4.1	2	ug/L	1				SW-846:6010B	GELC
C2	1	1	05/12/08	2	2	2	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Molybdenum	Mo	2	1.00	LANL Reg BG LVL	2	1.0	0.1	ug/L	1				SW-846:6020	GELC
C2	1	1	05/12/08	3.7	3.7	3.7	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Nickel	Ni	3.7	1.00	LANL Reg BG LVL	3.09	1.2	0.5	ug/L	1				SW-846:6020	GELC
C2	1	1	05/12/08	66.5	66.5	66.5	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Zinc	Zn	66.5	1.00	LANL Reg BG LVL	3.89	17.1	2	ug/L	1				SW-846:6010B	GELC
C3	8	9	08/24/05	3.45	5.06	4.78	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/23/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.06	1.06	EPA PRIM DW STD	10	1.0	0.1	mg/L	10				EPA:353.2	GELC
C3	4	4	09/10/01	0.025	8.86	0.09	3	Sandia Canyon	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	EPA TAP SCRN LVL N	0.73	24.3	0.24	mg/L	10				EPA:365.4	GELC
C3	4	5	08/30/07	0.034	0.034	0.034	1	Sandia Canyon	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Aldrin	309-00-2	0.034	1.00	EPA TAP SCRN LVL C-5	0.039548	1.7	0.0056	ug/L	1				SW-846:8081A	GELC
C3	8	8	04/26/05	0.85	7.6	2.4	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		UF	CS	METALS	Lead	Pb	7.6	3.17	EPA PRIM DW STD	15	1.0	0.5	ug/L	1				SW-846:6020	GELC
C3	13	15	08/07/01	0.04	0.416	0.289	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/21/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.39	1.35	EPA TAP SCRN LVL N	0.73	1.1	0.024	mg/L	1		J	I4a	EPA:365.4	GELC
C3	9	12	01/24/06	14.5	14.5	14.5	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	EPA TAP SCRN LVL N	0.73	39.7	1.2	mg/L	50				EPA:365.4	GELC
C3	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	EPA TAP SCRN LVL N	0.73	41.4	0.24	mg/L	10				EPA:365.4	GELC
C3	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	EPA TAP SCRN LVL N	0.73	45.8	0.24	mg/L	10				EPA:365.4	GELC
C3	3	3	05/15/07	39.3	703	201	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	METALS	Iron	Fe	703	3.50	NM GW STD	1000	1.4	25	ug/L	1				SW-846:6010B	GELC
C3	1	1	05/12/08	59.1	59.1	59.1	1		Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	19.7	2.2	ug/L	1				SW-846:8270C	GELC
C3	1	1	05/12/08	23.6	23.6	23.6	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	5.5	0.5	ug/L	1				SW-846:8260B	GELC
CA	4	4	09/10/01	0.025	8.86	0.09	3	Sandia Canyon	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	EPA TAP SCRN LVL N	0.73	12.1	0.24	mg/L	10				EPA:365.4	GELC
CA	8	8	04/26/05	808	19900	4965	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Aluminum	Al	19900	4.01	NM GW STD	5000	4.0	68	ug/L	1	N	J+	I6b	SW-846:6010B	GELC
CA	6	6	07/07/06	3.64	14.4	9.485	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	10	1.05	EPA PRIM DW STD	10	1.0	0.25	mg/L	25				EPA:353.2	GELC
CA	9	12	01/24/06	14.5	14.5	14.5	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	EPA TAP SCRN LVL N	0.73	19.9	1.2	mg/L	50				EPA:365.4	GELC
CA	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	EPA TAP SCRN LVL N	0.73	22.9	0.24	mg/L	10				EPA:365.4	GELC
CA	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	EPA TAP SCRN LVL N	0.73	20.7	0.24	mg/L	10				EPA:365.4	GELC
CA	1	1	05/12/08	59.1	59.1	59.1	1		Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	9.9	2.2	ug/L	1				SW-846:8270C	GELC
CA	1	1	05/12/08	23.6	23.6	23.6	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	2.7	0.5	ug/L	1				SW-846:8260B	GELC

Table 2: NMED 7-08 Groundwater Report Summary

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	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 MdI	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Comment
C1	4	5	08/30/07	0.034	0.034	0.034	1	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Aldrin	309-00-2	0.034	1.00	EPA TAP SCRN LVL C-5	0.039548	0.9	0.0056	ug/L	1				not found in field duplicate
C1	4	5	08/30/07	0.0103	0.0103	0.0103	1	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Dieldrin	60-57-1	0.0103	1.00	EPA TAP SCRN LVL C-5	0.04202	0.3	0.0056	ug/L	1	JP	J	J_LAB	not found in field duplicate
C1	1	1	05/12/08	59.1	59.1	59.1	1	Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	9.9	2.2	ug/L	1				1st sample, new well effect?
C1	1	1	05/12/08	23.6	23.6	23.6	1	Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	2.7	0.5	ug/L	1				1st sample, new well effect?
C1	1	1	05/12/08	1.86	1.86	1.86	1	Regional	R-36	766.9	05/12/08		UF	CS	VOA	Chloromethane	74-87-3	1.86	1.00	EPA TAP SCRN LVL C-5	21.345	0.1	0.5	ug/L	1				1st sample, new well effect?
C2	4	6	02/13/07	3.2	120	106	3	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Copper	Cu	106	1.00	LANL Avl BG LVL	3	35.3	3	ug/L	1	N			Result in an UF sample from the same sample event was 16.3 µg/L
C2	4	6	02/13/07	3.2	120	106	3	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Copper	Cu	120	1.13	LANL Avl BG LVL	3	40.0	3	ug/L	1	N			Result in an UF sample from the same sample event was 16.3 µg/L
C2	4	4	09/10/01	0.025	8.86	0.09	3	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	LANL Int BG LVL	0.08	110.8	0.24	mg/L	10				unusually high value, source unknown
C2	7	7	09/19/00	3.3	3.3	3.3	1	Intermediate	R-12	507	05/19/08		F	CS	METALS	Chromium	Cr	3.3	1.00	LANL Int BG LVL	1	3.3	2.5	ug/L	1	J	J	J_LAB	Fist detect out of 7 sample events
C2	8	8	04/26/05	3.2	11.6	4.6	3	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Chromium	Cr	11.6	2.52	LANL Avl BG LVL	1	11.6	2.5	ug/L	1				Highest to date
C2	9	12	01/24/06	14.5	14.5	14.5	1	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	LANL Reg BG LVL	0.16	90.6	1.2	mg/L	50				unusually high value, source unknown
C2	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	LANL Reg BG LVL	0.16	94.4	0.24	mg/L	10				unusually high value, source unknown
C2	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	LANL Reg BG LVL	0.16	104.4	0.24	mg/L	10				unusually high value, source unknown
C2	1	1	05/12/08	2.23	2.23	2.23	1	Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.23	1.00	LANL Reg BG LVL	0.89	2.5	0.1	mg/L	10		J-	I6a	1st measurement, result greater than background value
C2	1	1	05/12/08	8.8	8.8	8.8	1	Regional	R-36	766.9	05/12/08		F	CS	METALS	Chromium	Cr	8.8	1.00	LANL Reg BG LVL	5.75	1.5	2.5	ug/L	1	J	J	J_LAB	1st measurement, result greater than background value
C3	8	9	08/24/05	3.45	5.06	4.78	9	Intermediate	R-6i	602	01/23/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.06	1.06	EPA PRIM DW STD	10	1.0	0.1	mg/L	10				Concentrations fairly stable for two years
C3	4	4	09/10/01	0.025	8.86	0.09	3	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	EPA TAP SCRN LVL N	0.73	24.3	0.24	mg/L	10				unusually high value, source unknown
C3	4	5	08/30/07	0.034	0.034	0.034	1	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Aldrin	309-00-2	0.034	1.00	EPA TAP SCRN LVL C-5	0.039548	1.7	0.0056	ug/L	1				not found in field duplicate
C3	9	12	01/24/06	14.5	14.5	14.5	1	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	EPA TAP SCRN LVL N	0.73	39.7	1.2	mg/L	50				unusually high value, source unknown
C3	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	EPA TAP SCRN LVL N	0.73	41.4	0.24	mg/L	10				unusually high value, source unknown
C3	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	EPA TAP SCRN LVL N	0.73	45.8	0.24	mg/L	10				unusually high value, source unknown
C3	1	1	05/12/08	59.1	59.1	59.1	1	Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	19.7	2.2	ug/L	1				1st sample, new well effect?
C3	1	1	05/12/08	23.6	23.6	23.6	1	Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	5.5	0.5	ug/L	1				1st sample, new well effect?
CA	4	4	09/10/01	0.025	8.86	0.09	3	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	EPA TAP SCRN LVL N	0.73	12.1	0.24	mg/L	10				unusually high value, source unknown
CA	9	12	01/24/06	14.5	14.5	14.5	1	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	EPA TAP SCRN LVL N	0.73	19.9	1.2	mg/L	50				unusually high value, source unknown
CA	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	EPA TAP SCRN LVL N	0.73	22.9	0.24	mg/L	10				unusually high value, source unknown
CA	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	EPA TAP SCRN LVL N	0.73	20.7	0.24	mg/L	10				unusually high value, source unknown
CA	1	1	05/12/08	59.1	59.1	59.1	1	Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	9.9	2.2	ug/L	1				1st sample, new well effect?
CA	1	1	05/12/08	23.6	23.6	23.6	1	Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	2.7	0.5	ug/L	1				1st sample, new well effect?

Table 1: NMED 7-08 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
C1	4	6	02/13/07	0.26	0.291	0.289	3	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		UF	CS	VOA	Chloroform	67-66-3	0.26	0.90	EPA PRIM DW STD	80	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	4	6	02/13/07	5.79	5.79	5.79	1	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	UF	CS	VOA	Butanone[2-]	78-93-3	5.79	1.00	EPA TAP SCRN LVL N	7064.5	0.0	1.3	ug/L	1		J	V7c	SW-846:8260B	GELC
C1	4	4	06/18/07	3.86	3.86	3.86	1	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		UF	CS	VOA	Styrene	100-42-5	3.86	1.00	EPA PRIM DW STD	100	0.0	0.25	ug/L	1				SW-846:8260B	GELC
C1	7	7	01/11/07	1.52	1.52	1.52	1	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		UF	CS	VOA	Naphthalene	91-20-3	1.52	1.00	NM GW STD	30	0.1	0.25	ug/L	1				SW-846:8260B	GELC
C1	4	5	08/29/07	2.49	2.49	2.49	1	Sandia Canyon	Regional	R-35b	825.4	05/13/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	2.49	1.00	EPA PRIM DW STD	6	0.4	2.4	ug/L	1	J	J-	SV9	SW-846:8270C	GELC
C1	4	5	08/30/07	0.034	0.034	0.034	1	Sandia Canyon	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Aldrin	309-00-2	0.034	1.00	EPA TAP SCRN LVL C-5	0.039548	0.9	0.0056	ug/L	1				SW-846:8081A	GELC
C1	4	5	08/30/07	0.0103	0.0103	0.0103	1	Sandia Canyon	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Dieldrin	60-57-1	0.0103	1.00	EPA TAP SCRN LVL C-5	0.04202	0.3	0.0056	ug/L	1	JP	J	J_LAB	SW-846:8081A	GELC
C1	5	5	07/10/06	5.22E-07	0.00000131	0.000000916	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		UF	CS	DIOX/FUR	Tetrachlorodibenzofurans (Totals)	55722-27-5	0.00000131	1.43				0.00000131	ug/L	1				SW-846:8290	ALTC
C1	5	5	07/10/06	0.00000111	0.00000111	0.00000111	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		UF	CS	DIOX/FUR	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	0.00000111	1.00				0.00000111	ug/L	1	J	J	J_LAB	SW-846:8290	ALTC
C1	11	12	06/23/05	0.356	0.356	0.356	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-4	499	05/29/08		UF	CS	VOA	Chloroform	67-66-3	0.356	1.00	EPA PRIM DW STD	80	0.0	0.25	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	11	13	06/09/05	1.25	1.75	1.5	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate	MCOI-5	689	05/20/08		UF	CS	VOA	Acetone	67-64-1	1.25	0.83	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	12	18	05/19/05	1.34	2.44	1.34	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-1	1031.1	05/20/08		UF	CS	VOA	Acetone	67-64-1	1.34	1.00	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1	J	J	V7c	SW-846:8260B	GELC
C1	12	14	05/20/05	1.52	2.91	2.215	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-28	934.3	05/14/08		UF	CS	VOA	Acetone	67-64-1	1.52	0.69	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	15	16	04/18/02	1.46	71.2	66.9	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-13	958.3	05/14/08	FD	UF	CS	VOA	Acetone	67-64-1	1.46	0.02	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1	J	J	J_LAB	SW-846:8260B	GELC
C1	1	1	05/12/08	59.1	59.1	59.1	1		Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	9.9	2.2	ug/L	1				SW-846:8270C	GELC
C1	1	1	05/12/08	11.2	11.2	11.2	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Toluene	108-88-3	11.2	1.00	NM GW STD	750	0.0	0.25	ug/L	1				SW-846:8260B	GELC
C1	1	1	05/12/08	9.02	9.02	9.02	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Acetone	67-64-1	9.02	1.00	EPA TAP SCRN LVL N	5475	0.0	1.3	ug/L	1				SW-846:8260B	GELC
C1	1	1	05/12/08	23.6	23.6	23.6	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	2.7	0.5	ug/L	1				SW-846:8260B	GELC
C1	1	1	05/12/08	1.86	1.86	1.86	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Chloromethane	74-87-3	1.86	1.00	EPA TAP SCRN LVL C-5	21.345	0.1	0.5	ug/L	1				SW-846:8260B	GELC
C2	8	11	08/24/05	0.016	0.152	0.053	3	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/23/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.152	2.87	LANL Int BG LVL	0.08	1.9	0.024	mg/L	1		J	l4a	EPA:365.4	GELC
C2	8	9	08/24/05	16.8	23.5	22.05	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/23/08		F	CS	METALS	Boron	B	23.5	1.07	LANL Int BG LVL	15.12	1.6	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	8	9	08/24/05	16.8	23.5	22.05	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/23/08	FD	F	CS	METALS	Boron	B	22.4	1.02	LANL Int BG LVL	15.12	1.5	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	4	05/25/04	0.321	0.425	0.388	4	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Water Supply	LA-5	440	12/19/07		UF	CS	GENINORG	Perchlorate	ClO4	0.425	1.10	LANL Reg BG LVL	0.05	8.5	0.05	ug/L	1				SW-846:6850	GELC
C2	5	5	10/16/06	0.91	0.91	0.91	1	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	METALS	Lead	Pb	0.91	1.00	LANL Avl BG LVL	0.5	1.8	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	4	6	02/13/07	41.3	67.9	49.95	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Boron	B	67.9	1.36	LANL Avl BG LVL	51.89	1.3	10	ug/L	1				SW-846:6010B	GELC
C2	4	6	02/13/07	41.3	67.9	49.95	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Boron	B	62	1.24	LANL Avl BG LVL	51.89	1.2	10	ug/L	1				SW-846:6010B	GELC
C2	4	6	02/13/07	1.6	1.6	1.6	2	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Beryllium	Be	1.6	1.00	LANL Avl BG LVL	1	1.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	6	02/13/07	1.6	1.6	1.6	2	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Beryllium	Be	1.6	1.00	LANL Avl BG LVL	1	1.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	6	02/13/07	3.2	120	106	3	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Copper	Cu	106	1.00	LANL Avl BG LVL	3	35.3	3	ug/L	1	N			SW-846:6010B	GELC
C2	4	6	02/13/07	3.2	120	106	3	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Copper	Cu	120	1.13	LANL Avl BG LVL	3	40.0	3	ug/L	1	N			SW-846:6010B	GELC
C2	4	6	02/13/07	1.1	1.3	1.2	2	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Lead	Pb	1.1	0.92	LANL Avl BG LVL	0.5	2.2	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	4	6	02/13/07	1.1	1.3	1.2	2	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Lead	Pb	1.3	1.08	LANL Avl BG LVL	0.5	2.6	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	8	9	09/18/00	0.07	0.128	0.099	2	Sandia Canyon	Intermediate	R-12	468.1	05/15/08		F	CS	GENINORG	Bromide	Br(-1)	0.128	1.29	LANL Int BG LVL	0.03	4.3	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	8	8	09/18/00	0.392	9	2.75	8	Sandia Canyon	Intermediate	R-12	468.1	05/15/08		F	CS	GENINORG	Magnesium	Mg	6.28	2.28	LANL Int BG LVL	6.12	1.0	0.085	mg/L	1				SW-846:6010B	GELC
C2	4	4	09/10/01	0.025	8.86	0.09	3	Sandia Canyon	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	LANL Int BG LVL	0.08	110.8	0.24	mg/L	10				EPA:365.4	GELC
C2	7	7	09/19/00	3.3	3.3	3.3	1	Sandia Canyon	Intermediate	R-12	507	05/19/08		F	CS	METALS	Chromium	Cr	3.3	1.00	LANL Int BG LVL	1	3.3	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	7	7	09/19/05	0.036	0.18	0.089	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.18	2.02	LANL Avl BG LVL	0.05	3.6	0.024	mg/L	1		J	l4a	EPA:365.4	GELC
C2	7	7	09/19/05	3.9	6.8	5.35	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Molybdenum	Mo	3.9	0.73	LANL Avl BG LVL	2	2.0	0.1	ug/L	1		J	l4a	SW-846:6020	GELC
C2	7	7	09/19/05	0.7	1.9	1.35	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Lead	Pb	1.4	1.04	LANL Avl BG LVL	0.5	2.8	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	4	5	07/17/00	0.175	0.430000007	0.302500004	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.175	0.58	LANL Avl BG LVL	0.05	3.5	0.024	mg/L	1		J	l4a	EPA:365.4	GELC
C2	8	8	04/26/05	3.38	5.41	3.91	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	GENINORG	Potassium	K	5.41	1.38	LANL Avl BG LVL	5.21	1.0	0.05	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
C2	8	8	04/26/05	0.0936	2.3	0.321	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	0.661	2.06	LANL Avl BG LVL	0.57	1.2	0.01	mg/L	1		J	I4a	EPA:353.2	GELC
C2	8	8	04/26/05	808	19900	4965	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Aluminum	Al	19900	4.01	LANL Avl BG LVL	15670	1.3	68	ug/L	1	N	J+	I6b	SW-846:6010B	GELC
C2	8	8	04/26/05	54.1	84.6	66.4	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Barium	Ba	82.1	1.24	LANL Avl BG LVL	68.57	1.2	1	ug/L	1				SW-846:6010B	GELC
C2	8	8	04/26/05	3.2	11.6	4.6	3	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Chromium	Cr	11.6	2.52	LANL Avl BG LVL	1	11.6	2.5	ug/L	1				SW-846:6020	GELC
C2	8	8	04/26/05	3.1	4.6	3.65	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Copper	Cu	4.6	1.26	LANL Avl BG LVL	3	1.5	3	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	8	8	04/26/05	449	11000	2670	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Iron	Fe	11000	4.12	LANL Avl BG LVL	8240	1.3	25	ug/L	1				SW-846:6010B	GELC
C2	8	8	04/26/05	0.71	4.6	1.2	5	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Lead	Pb	4.6	3.83	LANL Avl BG LVL	0.5	9.2	0.5	ug/L	1				SW-846:6020	GELC
C2	2	2	02/07/08	30	109	69.5	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Silicon Dioxide	SiO2	109	1.57	LANL Avl BG LVL	64.21	1.7	0.032	mg/L	1		J-	I6a	SW-846:6010B	GELC
C2	7	9	07/17/00	51.2	182	141	9	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	05/20/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	112	0.79	LANL Avl BG LVL	76	1.5	0.73	mg/L	1				EPA:310.1	GELC
C2	2	2	03/05/08	0.18	0.18	0.18	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-3	2	05/20/08		F	CS	GENINORG	Bromide	Br(-1)	0.18	1.00	LANL Avl BG LVL	0.07	2.6	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	10	14	06/30/03	22.6	53.8	32.7	14	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	GENINORG	Calcium	Ca	33.2	1.02	LANL Avl BG LVL	26.36	1.3	0.03	mg/L	1				SW-846:6010B	GELC
C2	10	14	06/30/03	0.733	5.79	2.45	4	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	METALS	Cobalt	Co	3.8	1.55	LANL Avl BG LVL	0.5	7.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	10	14	06/30/03	1.48	10.6	5.7	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	METALS	Manganese	Mn	8.3	1.46	LANL Avl BG LVL	2	4.2	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	10	14	06/30/03	1.03	2.3	1.5	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	METALS	Vanadium	V	1.5	1.00	LANL Avl BG LVL	1	1.5	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	5	11/14/06	0.087	0.087	0.087	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	CDBO-6	34	05/22/08		F	CS	GENINORG	Bromide	Br(-1)	0.087	1.00	LANL Avl BG LVL	0.07	1.2	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	7	7	07/07/06	2.1	2.4	2.25	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	METALS	Zinc	Zn	2.1	0.93	LANL Int BG LVL	2	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	9	12	01/24/06	14.5	14.5	14.5	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	LANL Reg BG LVL	0.16	90.6	1.2	mg/L	50				EPA:365.4	GELC
C2	7	11	12/19/05	0.366	0.513	0.385	9	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Perchlorate	ClO4	0.513	1.33	LANL Reg BG LVL	0.46	1.1	0.05	ug/L	1				SW-846:6850	GELC
C2	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	LANL Reg BG LVL	0.16	94.4	0.24	mg/L	10				EPA:365.4	GELC
C2	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	LANL Reg BG LVL	0.16	104.4	0.24	mg/L	10				EPA:365.4	GELC
C2	8	13	08/17/06	0.442	0.868	0.547	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		UF	CS	GENINORG	Total Organic Carbon	TOC	0.443	0.81	LANL Reg BG LVL	0.33	1.3	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC
C2	8	13	08/17/06	0.442	0.868	0.547	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	UF	CS	GENINORG	Total Organic Carbon	TOC	0.507	0.93	LANL Reg BG LVL	0.33	1.5	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC
C2	11	17	12/19/05	9.2	15.2	12.3	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	METALS	Vanadium	V	15.2	1.24	LANL Reg BG LVL	13.41	1.1	1	ug/L	1		J	I4a	SW-846:6010B	GELC
C2	11	17	12/19/05	9.2	15.2	12.3	17	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		F	CS	METALS	Vanadium	V	14.9	1.21	LANL Reg BG LVL	13.41	1.1	1	ug/L	1		J	I4a	SW-846:6010B	GELC
C2	13	16	03/31/04	4.4	7.81	6.95	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-21	888.8	05/23/08		F	CS	METALS	Zinc	Zn	4.4	0.63	LANL Reg BG LVL	3.89	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	8	8	08/22/06	4.18	8.38	6.505	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	GENINORG	Chloride	Cl(-1)	8.19	1.26	LANL Int BG LVL	7.78	1.1	0.066	mg/L	1				EPA:300.0	GELC
C2	8	8	08/22/06	892	3440	3080	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Aluminum	Al	3080	1.00	LANL Int BG LVL	1065.84	2.9	68	ug/L	1				SW-846:6010B	GELC
C2	8	8	08/22/06	892	3440	3080	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Aluminum	Al	1710	0.56	LANL Int BG LVL	1065.84	1.6	68	ug/L	1				SW-846:6010B	GELC
C2	8	8	08/22/06	23	2070	920	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Iron	Fe	1720	1.87	LANL Int BG LVL	839.99	2.1	25	ug/L	1				SW-846:6010B	GELC
C2	8	8	08/22/06	23	2070	920	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Iron	Fe	920	1.00	LANL Int BG LVL	839.99	1.1	25	ug/L	1				SW-846:6010B	GELC
C2	8	8	08/22/06	0.61	3.6	0.96	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Nickel	Ni	1.1	1.15	LANL Int BG LVL	1	1.1	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	8	8	08/22/06	0.61	3.6	0.96	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Nickel	Ni	3.6	3.75	LANL Int BG LVL	1	3.6	0.5	ug/L	1				SW-846:6020	GELC
C2	8	8	08/22/06	0.54	3.4	1.2	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Lead	Pb	0.54	0.45	LANL Int BG LVL	0.5	1.1	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	8	8	08/22/06	0.54	3.4	1.2	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Lead	Pb	3.4	2.83	LANL Int BG LVL	0.5	6.8	0.5	ug/L	1				SW-846:6020	GELC
C2	8	8	08/22/06	2.1	6	4.55	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	METALS	Zinc	Zn	4	0.88	LANL Int BG LVL	2	2.0	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	8	8	08/22/06	2.1	6	4.55	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	METALS	Zinc	Zn	6	1.32	LANL Int BG LVL	2	3.0	2	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	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
C2	8	8	08/31/06	0.124	0.124	0.124	1	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	12/03/07		F	CS	GENINORG	Bromide	Br(-1)	0.124	1.00	LANL Int BG LVL	0.03	4.1	0.066	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C2	3	3	05/15/07	0.088	0.088	0.088	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.088	1.00	LANL Avl BG LVL	0.05	1.8	0.024	mg/L	1				EPA:365.4	GELC
C2	3	3	05/15/07	5.8	5.8	5.8	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	METALS	Manganese	Mn	5.8	1.00	LANL Avl BG LVL	2	2.9	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	3	3	05/15/07	2.4	2.4	2.4	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	METALS	Vanadium	V	2.4	1.00	LANL Avl BG LVL	1	2.4	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	3	3	05/15/07	7.3	7.3	7.3	1	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	METALS	Zinc	Zn	7.3	1.00	LANL Avl BG LVL	2	3.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C2	4	4	05/26/04	0.303	0.372	0.3365	4	White Rock Canyon and Rio Grande	Water Supply	J. Martinez House Well	-1	12/19/07		UF	CS	GENINORG	Perchlorate	ClO4	0.324	0.96	LANL Reg BG LVL	0.05	6.5	0.05	ug/L	1				SW-846:6850	GELC
C2	4	4	05/25/04	0.082	0.453	0.1525	4	White Rock Canyon and Rio Grande	Water Supply	Pajarito Well (Pump 1)	-1	12/19/07		UF	CS	GENINORG	Perchlorate	ClO4	0.192	1.26	LANL Reg BG LVL	0.05	3.8	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C2	1	1	05/12/08	5.86	5.86	5.86	1		Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Chloride	Cl(-1)	5.86	1.00	LANL Reg BG LVL	3.57	1.6	0.066	mg/L	1				EPA:300.0	GELC
C2	1	1	05/12/08	1.58	1.58	1.58	1		Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Perchlorate	ClO4	1.58	1.00	LANL Reg BG LVL	0.46	3.4	0.2	ug/L	4		J	PE16a	SW-846:6850	GELC
C2	1	1	05/12/08	4.36	4.36	4.36	1		Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Magnesium	Mg	4.36	1.00	LANL Reg BG LVL	4.15	1.1	0.085	mg/L	1				SW-846:6010B	GELC
C2	1	1	05/12/08	2.23	2.23	2.23	1		Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.23	1.00	LANL Reg BG LVL	0.89	2.5	0.1	mg/L	10		J-	I6a	EPA:353.2	GELC
C2	1	1	05/12/08	6.31	6.31	6.31	1		Regional	R-36	766.9	05/12/08		UF	CS	GENINORG	Total Organic Carbon	TOC	6.31	1.00	LANL Reg BG LVL	0.33	19.1	0.33	mg/L	1		J	I4a	SW-846:9060	GELC
C2	1	1	05/12/08	8.8	8.8	8.8	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Chromium	Cr	8.8	1.00	LANL Reg BG LVL	5.75	1.5	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C2	1	1	05/12/08	103	103	103	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Iron	Fe	103	1.00	LANL Reg BG LVL	21	4.9	25	ug/L	1				SW-846:6010B	GELC
C2	1	1	05/12/08	11.9	11.9	11.9	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Manganese	Mn	11.9	1.00	LANL Reg BG LVL	2.94	4.1	2	ug/L	1				SW-846:6010B	GELC
C2	1	1	05/12/08	2	2	2	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Molybdenum	Mo	2	1.00	LANL Reg BG LVL	2	1.0	0.1	ug/L	1				SW-846:6020	GELC
C2	1	1	05/12/08	3.7	3.7	3.7	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Nickel	Ni	3.7	1.00	LANL Reg BG LVL	3.09	1.2	0.5	ug/L	1				SW-846:6020	GELC
C2	1	1	05/12/08	66.5	66.5	66.5	1		Regional	R-36	766.9	05/12/08		F	CS	METALS	Zinc	Zn	66.5	1.00	LANL Reg BG LVL	3.89	17.1	2	ug/L	1				SW-846:6010B	GELC
C3	8	9	08/24/05	3.45	5.06	4.78	9	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	01/23/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.06	1.06	EPA PRIM DW STD	10	1.0	0.1	mg/L	10				EPA:353.2	GELC
C3	4	4	09/10/01	0.025	8.86	0.09	3	Sandia Canyon	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	EPA TAP SCRN LVL N	0.73	24.3	0.24	mg/L	10				EPA:365.4	GELC
C3	4	5	08/30/07	0.034	0.034	0.034	1	Sandia Canyon	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Aldrin	309-00-2	0.034	1.00	EPA TAP SCRN LVL C-5	0.039548	1.7	0.0056	ug/L	1				SW-846:8081A	GELC
C3	8	8	04/26/05	0.85	7.6	2.4	7	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		UF	CS	METALS	Lead	Pb	7.6	3.17	EPA PRIM DW STD	15	1.0	0.5	ug/L	1				SW-846:6020	GELC
C3	13	15	08/07/01	0.04	0.416	0.289	15	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCO-7	39	05/21/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.39	1.35	EPA TAP SCRN LVL N	0.73	1.1	0.024	mg/L	1		J	I4a	EPA:365.4	GELC
C3	9	12	01/24/06	14.5	14.5	14.5	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	EPA TAP SCRN LVL N	0.73	39.7	1.2	mg/L	50				EPA:365.4	GELC
C3	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	EPA TAP SCRN LVL N	0.73	41.4	0.24	mg/L	10				EPA:365.4	GELC
C3	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	EPA TAP SCRN LVL N	0.73	45.8	0.24	mg/L	10				EPA:365.4	GELC
C3	3	3	05/15/07	39.3	703	201	3	Water Canyon (includes Canyon del Valle, Potrillo, and Fence Canyons)	Alluvial Spring	CdV-5.29 Spring	0	04/09/08		F	CS	METALS	Iron	Fe	703	3.50	NM GW STD	1000	1.4	25	ug/L	1				SW-846:6010B	GELC
C3	1	1	05/12/08	59.1	59.1	59.1	1		Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	19.7	2.2	ug/L	1				SW-846:8270C	GELC
C3	1	1	05/12/08	23.6	23.6	23.6	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	5.5	0.5	ug/L	1				SW-846:8260B	GELC
CA	4	4	09/10/01	0.025	8.86	0.09	3	Sandia Canyon	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	EPA TAP SCRN LVL N	0.73	12.1	0.24	mg/L	10				EPA:365.4	GELC
CA	8	8	04/26/05	808	19900	4965	8	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Aluminum	Al	19900	4.01	NM GW STD	5000	4.0	68	ug/L	1	N	J+	I6b	SW-846:6010B	GELC
CA	6	6	07/07/06	3.64	14.4	9.485	6	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	10	1.05	EPA PRIM DW STD	10	1.0	0.25	mg/L	25				EPA:353.2	GELC
CA	9	12	01/24/06	14.5	14.5	14.5	1	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	EPA TAP SCRN LVL N	0.73	19.9	1.2	mg/L	50				EPA:365.4	GELC
CA	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	EPA TAP SCRN LVL N	0.73	22.9	0.24	mg/L	10				EPA:365.4	GELC
CA	10	16	03/08/06	15.1	16.7	15.9	2	Mortandad Canyon (includes Ten Site Canyon and Canada del Buey)	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	EPA TAP SCRN LVL N	0.73	20.7	0.24	mg/L	10				EPA:365.4	GELC
CA	1	1	05/12/08	59.1	59.1	59.1	1		Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	9.9	2.2	ug/L	1				SW-846:8270C	GELC
CA	1	1	05/12/08	23.6	23.6	23.6	1		Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	2.7	0.5	ug/L	1				SW-846:8260B	GELC

Table 2: NMED 7-08 Groundwater Report Summary

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	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 MdI	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Comment
C1	4	5	08/30/07	0.034	0.034	0.034	1	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Aldrin	309-00-2	0.034	1.00	EPA TAP SCRN LVL C-5	0.039548	0.9	0.0056	ug/L	1				not found in field duplicate
C1	4	5	08/30/07	0.0103	0.0103	0.0103	1	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Dieldrin	60-57-1	0.0103	1.00	EPA TAP SCRN LVL C-5	0.04202	0.3	0.0056	ug/L	1	JP	J	J_LAB	not found in field duplicate
C1	1	1	05/12/08	59.1	59.1	59.1	1	Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	9.9	2.2	ug/L	1				1st sample, new well effect?
C1	1	1	05/12/08	23.6	23.6	23.6	1	Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	2.7	0.5	ug/L	1				1st sample, new well effect?
C1	1	1	05/12/08	1.86	1.86	1.86	1	Regional	R-36	766.9	05/12/08		UF	CS	VOA	Chloromethane	74-87-3	1.86	1.00	EPA TAP SCRN LVL C-5	21.345	0.1	0.5	ug/L	1				1st sample, new well effect?
C2	4	6	02/13/07	3.2	120	106	3	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Copper	Cu	106	1.00	LANL Avl BG LVL	3	35.3	3	ug/L	1	N			Result in an UF sample from the same sample event was 16.3 µg/L
C2	4	6	02/13/07	3.2	120	106	3	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Copper	Cu	120	1.13	LANL Avl BG LVL	3	40.0	3	ug/L	1	N			Result in an UF sample from the same sample event was 16.3 µg/L
C2	4	4	09/10/01	0.025	8.86	0.09	3	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	LANL Int BG LVL	0.08	110.8	0.24	mg/L	10				unusually high value, source unknown
C2	7	7	09/19/00	3.3	3.3	3.3	1	Intermediate	R-12	507	05/19/08		F	CS	METALS	Chromium	Cr	3.3	1.00	LANL Int BG LVL	1	3.3	2.5	ug/L	1	J	J	J_LAB	Fist detect out of 7 sample events
C2	8	8	04/26/05	3.2	11.6	4.6	3	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Chromium	Cr	11.6	2.52	LANL Avl BG LVL	1	11.6	2.5	ug/L	1				Highest to date
C2	9	12	01/24/06	14.5	14.5	14.5	1	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	LANL Reg BG LVL	0.16	90.6	1.2	mg/L	50				unusually high value, source unknown
C2	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	LANL Reg BG LVL	0.16	94.4	0.24	mg/L	10				unusually high value, source unknown
C2	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	LANL Reg BG LVL	0.16	104.4	0.24	mg/L	10				unusually high value, source unknown
C2	1	1	05/12/08	2.23	2.23	2.23	1	Regional	R-36	766.9	05/12/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.23	1.00	LANL Reg BG LVL	0.89	2.5	0.1	mg/L	10		J-	I6a	1st measurement, result greater than background value
C2	1	1	05/12/08	8.8	8.8	8.8	1	Regional	R-36	766.9	05/12/08		F	CS	METALS	Chromium	Cr	8.8	1.00	LANL Reg BG LVL	5.75	1.5	2.5	ug/L	1	J	J	J_LAB	1st measurement, result greater than background value
C3	8	9	08/24/05	3.45	5.06	4.78	9	Intermediate	R-6i	602	01/23/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.06	1.06	EPA PRIM DW STD	10	1.0	0.1	mg/L	10				Concentrations fairly stable for two years
C3	4	4	09/10/01	0.025	8.86	0.09	3	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	EPA TAP SCRN LVL N	0.73	24.3	0.24	mg/L	10				unusually high value, source unknown
C3	4	5	08/30/07	0.034	0.034	0.034	1	Regional	R-35a	1013.1	05/13/08	FD	UF	CS	PEST/PCB	Aldrin	309-00-2	0.034	1.00	EPA TAP SCRN LVL C-5	0.039548	1.7	0.0056	ug/L	1				not found in field duplicate
C3	9	12	01/24/06	14.5	14.5	14.5	1	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	EPA TAP SCRN LVL N	0.73	39.7	1.2	mg/L	50				unusually high value, source unknown
C3	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	EPA TAP SCRN LVL N	0.73	41.4	0.24	mg/L	10				unusually high value, source unknown
C3	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	EPA TAP SCRN LVL N	0.73	45.8	0.24	mg/L	10				unusually high value, source unknown
C3	1	1	05/12/08	59.1	59.1	59.1	1	Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	19.7	2.2	ug/L	1				1st sample, new well effect?
C3	1	1	05/12/08	23.6	23.6	23.6	1	Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	5.5	0.5	ug/L	1				1st sample, new well effect?
CA	4	4	09/10/01	0.025	8.86	0.09	3	Intermediate	R-12	507	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	8.86	98.44	EPA TAP SCRN LVL N	0.73	12.1	0.24	mg/L	10				unusually high value, source unknown
CA	9	12	01/24/06	14.5	14.5	14.5	1	Regional	Test Well 8	953	05/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	14.5	1.00	EPA TAP SCRN LVL N	0.73	19.9	1.2	mg/L	50				unusually high value, source unknown
CA	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	16.7	1.05	EPA TAP SCRN LVL N	0.73	22.9	0.24	mg/L	10				unusually high value, source unknown
CA	10	16	03/08/06	15.1	16.7	15.9	2	Regional	R-16r	600	05/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	15.1	0.95	EPA TAP SCRN LVL N	0.73	20.7	0.24	mg/L	10				unusually high value, source unknown
CA	1	1	05/12/08	59.1	59.1	59.1	1	Regional	R-36	766.9	05/12/08		UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	59.1	1.00	EPA PRIM DW STD	6	9.9	2.2	ug/L	1				1st sample, new well effect?
CA	1	1	05/12/08	23.6	23.6	23.6	1	Regional	R-36	766.9	05/12/08		UF	CS	VOA	Bromomethane	74-83-9	23.6	1.00	EPA TAP SCRN LVL N	8.661	2.7	0.5	ug/L	1				1st sample, new well effect?