LA-UR-08-4697
EP2008-0396

Periodic Monitoring Report for Los Alamos Watershed, January 9–January 29, 2008

Los Alamos
NATIONAL LABORATORY
EST.1943

Prepared by the Environmental Programs Directorate

LA-UR-08-4697
EP2008-0041

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July 2008

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EXECUTIVE SUMMARY

The purpose of this report is to provide the results of the periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Los Alamos Watershed. This PME was conducted pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan," prepared under the Compliance Order on Consent.

The PME documented in this report occurred from January 9 to January 29, 2008, and included sampling of groundwater wells or well ports, springs, and base-flow stations. Unreported results from a previous PME are also included. These results were not available for inclusion in the previous PME because of data validation.

Water samples obtained from various locations during this PME were analyzed for target analyte list metals, volatile organic compounds, semivolatile organic compounds, cyanide, pesticides, polychlorinated biphenyls, high explosives, radionuclides, low-level tritium, inorganics, perchlorate, stable isotopes, and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

Six results from surface-water samples collected during this PME from Los Alamos Canyon exceeded screening levels. The analytes exceeding screening levels were aluminum, gross-alpha, and cyanide.

Two results from groundwater samples collected during this PME from Los Alamos Canyon exceeded screening levels. Manganese was above the New Mexico Water Quality Control Commission groundwater standard screening level in a sample collected from APCO-1. At regional monitoring well R-4, the perchlorate concentration in groundwater exceeded the Consent Order screening level.

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Acronyms and Abbreviations

AK	acceptable knowledge
BCG	Biota Concentration Guide (DOE)
bgs	below ground surface
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guidelines (DOE)
DOE	U.S. Department of Energy
DOT	Department of Transportation (U.S.)
DP	Delta Prime
ENV	Environmental Protection Water Quality
EPA	U.S. Environmental Protection Agency
EP-WES	Environmental Programs–Waste and Environmental Services
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
LC/MS	liquid chromatography/mass spectrometry
MCL	maximum contaminant level (EPA)
MDL	method detection limit
MTBE	methyl tertiary butyl ether
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NOI	notice of intent
PCB	polychlorinated biphenyl
PME	periodic monitoring event
PMR	periodic monitoring report
PPE	personal protective equipment
QA	quality assurance
QC	quality control
RCRA	Resource Conservation and Recovery Act

RPF	Records Processing Facility
SOP	standard operating procedure
SVOA	semivolatile organic analyte
SVOC	semivolatile organic compound
TA	technical area
TSD	treatment, storage, and disposal
VOC	volatile organic compound
WAC	waste acceptance criteria
WCSF	waste characterization strategy form
WPF	waste profile form

1.0 INTRODUCTION

This report includes documentation of semiannual groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Los Alamos Watershed pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan" (IFGMP) (LANL 2007, 096665), prepared under the Compliance Order on Consent (Consent Order). The periodic monitoring event (PME) occurred from January 9 to January 29, 2008. This event included sampling at groundwater wells or ports, springs, and base-flow stations. Data that were not reported in the previous periodic monitoring report (PMR) because of delays caused by data validation are included in Appendix D.

The Consent Order identifies New Mexico Water Quality Control Commission (NMWQCC) groundwater standards, including alternative abatement standards and U.S. Environmental Protection Agency (EPA) drinking water maximum contaminant levels (MCLs), as cleanup levels for groundwater when corrective action is implemented. NMWQCC groundwater standards, MCLs, and EPA tap water screening levels are used as screening levels for monitoring data and are provided in this report.

This report presents the following information:

- general background information on the watershed
- field measurement monitoring results
- watershed conceptual model
- water-quality monitoring results
- results of the screening analysis (comparing the PME's results with regulatory standards and results from previous reports)
- a summary and interpretations based on the data and the screening analysis

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to the New Mexico Environment Department (NMED) in accordance with U.S. Department of Energy (DOE) policy.

1.1 Background

The Los Alamos Watershed encompasses approximately 57 mi^2 (148 km^2). It includes Los Alamos, Pueblo, Delta Prime (DP), and Acid Canyons. Bayo, Guaje, Rendija, and Barrancas Canyons (collectively known as the North Canyons) are smaller tributary canyons in the watershed. The watershed contains numerous springs, perennial and ephemeral stream segments, and alluvial groundwater. Portions of Los Alamos townsite, Los Alamos County, Santa Fe County, and San Ildefonso Pueblo tribal lands are located within the Los Alamos Watershed.

Laboratory operations have been associated with the release of treated and untreated effluent into the watershed since the establishment of the Laboratory in the 1940s and up to the present. Current discharges subject to National Pollutant Discharge Elimination System permit requirements and runoff from solid waste management units and areas of concern at former and current Technical Areas (TAs) TA-00, TA-01, TA-02, TA-03, TA-19, TA-21, TA-31, TA-41, TA-43, TA-53, TA-72, and TA-73 have contributed to contaminant releases within the watershed.

1.2 Conceptual Model

The conceptual model for the Los Alamos Watershed is presented in Appendix A of this document.

2.0 SCOPE OF ACTIVITIES

The PME for the Los Alamos Watershed was conducted pursuant to the 2007 IFGMP (LANL 2006, 096665).

Table 2.0-1 provides the location name, sample collection date, port name, port depth, screened interval, top and bottom screen depths, base flow or water level, and the water-level observation method for each of the monitored locations. These locations are shown spatially in Figure 2.0-1.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2007 IFGMP.

3.2 Field Parameter Results

Appendix B contains the field parameter results for the PME.

3.3 Water-Level Observations

The periodic monitoring water-level observation data for this event and the previous three monitoring events are located in Appendix C. For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements are reported immediately before sampling. One year of water-level measurements, including data taken during this PME, are shown graphically in Figures 3.3-1 through 3.3-3.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the deviations from the planned scope of the PME.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PME are documented in the 2007 IFGMP (LANL 2007, 096665).

All sampling, data reviews, and data package validations were conducted using standard operating procedures (SOPs) that are part of a comprehensive quality assurance (QA) program. The QA program and procedures are available at http://www.lanl.gov/environment/all/qa.shtml. Completed chain-of-custody forms serve as an analytical request form and include the requester or owner, sample number, program code, date and time of sample collection, total number of bottles, list of analytes to be measured, bottle sizes, and preservatives for each analysis required.

The required analytical laboratory batch quality control (QC) is defined by the analytical method, the analytical statement of work, and generally accepted laboratory practices. The analytical laboratory assigns qualifiers to the data to indicate the quality of the analytical results. The laboratory batch QC is used in the secondary data validation process to evaluate the quality of individual analytical results,

evaluate the appropriateness of the analytical methodologies, and measure the routine performance of the analytical laboratory.

In addition to submitting batch QC to the laboratories for testing, the Laboratory submitted field QC samples to test the overall sampling and analytical laboratory process and to spot-check for analytical problems. These results are used in the secondary validation, along with information provided by the analytical laboratory.

After the Laboratory receives the analytical laboratory data packages, the packages receive secondary validation by an independent contractor, Analytical Quality Associates, Inc. (AQA). The reviews by AQA follow the guidelines set in the DOE-AL Model SOPs for data validation, which include reviewing the data quality and the documentation's correctness and completeness; verifying that holding times were met; and ensuring that analytical laboratory QC measures were applied, documented, and kept within contract requirements. As a result of secondary validation, a second set of qualifiers is assigned to the analytical results.

The Laboratory assigns detection status to the analytical result, based on the analytical laboratory and secondary validation qualifiers. A "<" symbol indicates that based on the qualifiers, the result was a nondetection.

4.2 Analytical Data

Appendix D presents the analytical data from this PME and from the last three sampling events immediately before the January 2008 sampling event. The screening levels with which the results are compared are shown in Table 4.2-1. The analytical laboratory reports (including chains of custody, etc.) are in Appendix G.

Appendix D contains all data obtained during the PME (i.e., all data that have been independently reviewed for conformance with Laboratory requirements), with the following constraints.

- All data
    - Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered "not detected" but are reported.
    - Analytical laboratory QC results, including matrix spike and matrix spike duplicates, are not included in the data set.
- Radionuclides
    - All low-detection-limit tritium data are reported. Results greater than 3 times the 1 standard deviation total propagated analytical uncertainty (or 3σ) are considered to be detections.
    - Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
    - Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
    - Otherwise, all results without a laboratory qualifier of U or X (abbreviations that indicate the analyte was not detected) are reported at all locations.

- Nonradionuclides
    - ♦ All results, excluding nondetections, are reported. Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, and different analytical methods are also reported.

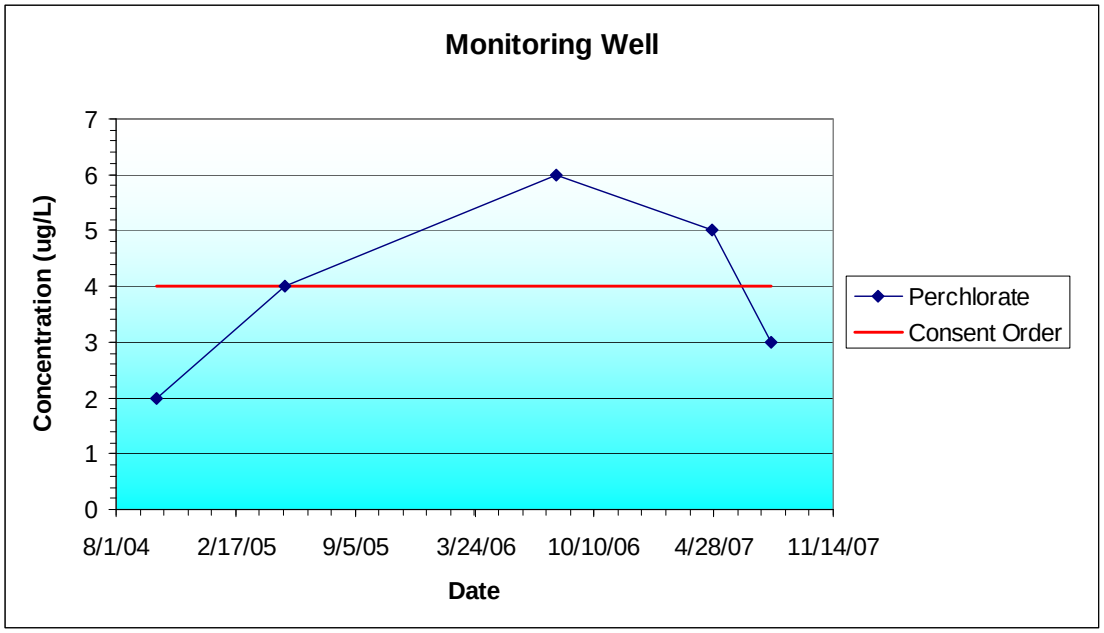
The screening levels applied to all media are listed in Table 4.2-1. Table 4.2-1 indicates the type of screening level and its source.

Data for PMRs are evaluated using the following screening process.

- Surface-water and groundwater perchlorate data are compared with the 4 µg/L screening level established in Section VIII.A.1.a of the Consent Order. Surface-water sample results were compared with all surface-water standards without consideration of the designated use for the particular reach. The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous phase liquids apply to the total unfiltered concentrations of the contaminants.
- As required by the Consent Order, EPA Region 6 tap water screening levels are used for constituents having no other regulatory standard and for which toxicological information is published. For these screening levels, the tables indicate a risk type of C (excess cancer risk level of 10^{-5}) or N (noncancer). The Consent Order specifies screening for excess cancer risk at a risk level of 10^{-5} (rather than 10^{-6} as given in the Region 6 tables). Therefore, the Region 6 values were multiplied by 10 to obtain the 10^{-5} excess cancer risk level.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guide (BCG) for surface water and Derived Concentration Guidelines (DCG) for groundwater.

Tables E-1 through E-8 (Appendix E) show all values for perchlorate, radionuclides, and organic compounds and all values greater than half the lowest applicable screening level values for metals and general inorganic compounds.

Analytical results are presented graphically in Figure 4.2-1. Figure 4.2-1 contains diagrams displaying a series of select analytes. An example of a diagram displaying perchlorate concentration is shown below.



Perchlorate concentrations

The analytes displayed in Figure 4.2-1 were selected from data acquired during the PMEs and were chosen for display on Figure 4.2-1 because of their historical presence in groundwater in this watershed. Radionuclides are not shown on the diagrams. The solid red lines, when shown, depict applicable screening levels. Note that some screening levels may exceed the highest concentration displayed and may not appear on the diagram. Screening-level values may be found in Tables E-1 through E-8 in Appendix E.

A summary of the results from comparing the surface-water analytical data with screening levels is shown in Tables E-1 through E-4 (Appendix E).

A summary of the results comparing the groundwater analytical data with screening levels is shown in Tables E-5 through E-8 (Appendix E). Graphical representations of select groundwater analytical results (section 4.2) are shown in Figure 4.2-1.

Table 4.2-2 shows surface-water and groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above a screening level. Multiple detections of a particular constituent at a location are counted as one result. For example, if aluminum is detected above a screening level in both a primary sample and a field duplicate, only one result is shown.

4.2.1 Surface Water (Base Flow)

The gross-alpha result in a snowmelt runoff sample at station Pueblo above SR-502 of 72.9 pCi/L was above the NMWQCC livestock watering standard screening level of 15 pCi/L. This is the first snowmelt runoff sample collected at this location. Gross-alpha results in base-flow samples have been either nondetections or below 2.2 pCi/L. Gross-alpha measurements in storm runoff samples have been much higher.

The cyanide in a snowmelt runoff sample at station Acid above Pueblo of 0.01 mg/L was above the NMWQCC wildlife habitat standard screening level of 0.0052 mg/L. This is the first snowmelt runoff sample collected at this location. Otherwise, only stormwater runoff samples have been collected at this location, and the results were all nondetections for cyanide.

Dissolved aluminum concentrations in snowmelt runoff samples at four locations (Los Alamos above DP Canyon, Los Alamos above SR-4, Los Alamos below LA Weir, Pueblo above Acid) were above the NMWQCC aquatic life acute standard screening level of 750 µg/L, which is applicable in these ephemeral reaches. At Los Alamos above DP Canyon, the measurement of 1440 µg/L is more than double three prior results. At Los Alamos above SR-4, seven prior results range from nondetection to near the recent value of 1150 µg/L. The aluminum result from station Los Alamos below LA Weir of 1500 µg/L is substantially above the largest of eight highest prior values. This is the first filtered snowmelt runoff sample collected at Pueblo above Acid; three base-flow samples were nondetections and the maximum aluminum concentration was 243 µg/L.

4.2.2 Groundwater

The filtered manganese result of 631 µg/L at alluvial well APCO-1 was above the 200 µg/L NMWQCC groundwater standard screening level (applicable to domestic water supply). The manganese results in prior samples (19 sample events) at this location have fluctuated (130 µg/L to 6600 µg/L) with the recent measurement falling within the observed range.

The regional aquifer perchlorate concentrations in Pueblo Canyon at R-4 was 5.1 µg/L, which is above the Consent Order screening level for perchlorate of 4 µg/L, and is typical of measurements made since sampling began in April 2005.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the Los Alamos Watershed are proposed at this time.

5.0 INVESTIGATION-DERIVED WASTE

Appendix F discusses the management of wastes produced during this PME. A copy of the waste management records for waste streams was included in Appendix F of the initial PMR (LANL 2007, 101349).

6.0 SUMMARY AND INTERPRETATIONS

6.1 Monitoring Results

An evaluation of the field parameter monitoring results presented in Appendix B and subsequent monitoring events will be provided in the annual update to the IFGMP.

6.2 Analytical Results

6.2.1 Surface Water (Base Flow)

With the exception of the detection of cyanide at Acid above Pueblo and gross-alpha at Pueblo above SR-502, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

Overall, six results from surface-water samples collected during this PME from Los Alamos Canyon exceeded screening levels (Table 4.2-2).

6.2.2 Groundwater

The types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

Overall, two results from groundwater samples collected during this PME from Los Alamos Canyon exceeded screening levels (Table 4.2-2). Manganese was above a screening level at APCO-1 and perchlorate exceeded screening levels at R-4.

6.3 Data Gaps

A summary of the field parameter gaps encountered during the PME are in Table 3.4-1. The table provides detailed accounts of sampling event deviations.

7.0 REFERENCES

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the WES Program master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau; DOE-Los Alamos Site Office; EPA, Region 6; and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

LANL (Los Alamos National Laboratory), May 2007. "2007 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-07-3271, Los Alamos, New Mexico. (LANL 2007, 096665)

LANL (Los Alamos National Laboratory), November 2007. "Periodic Monitoring Report for Pajarito Watershed December 4–December 20, 2006; March 19–April 8, 2007; and June 25–July 15, 2007," Los Alamos National Laboratory document LA-UR-07-7244, Los Alamos, New Mexico. (LANL 2007, 101349)

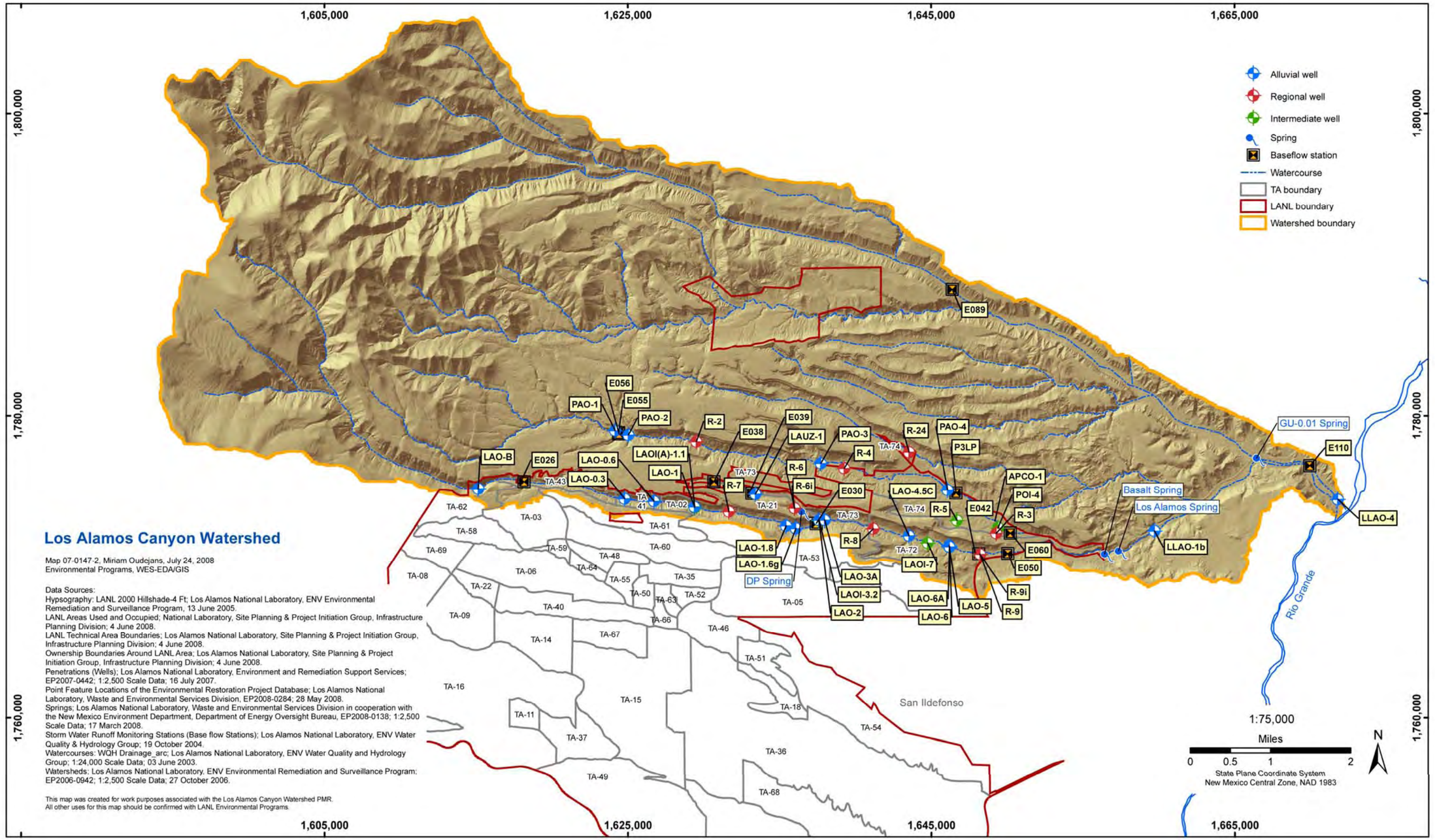


Figure 2.0-1 Watershed monitoring locations

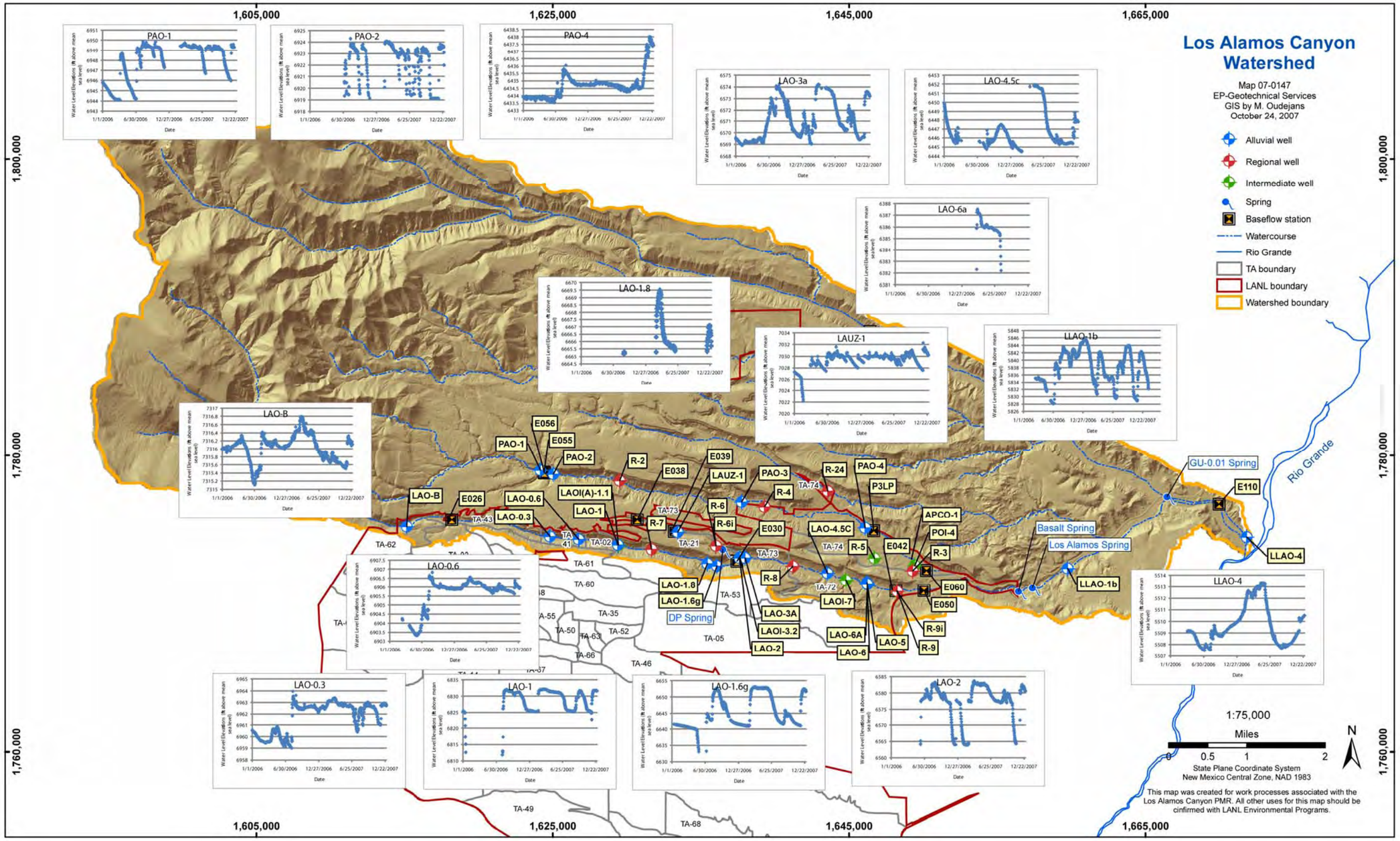


Figure 3.3-1 Alluvial groundwater elevations

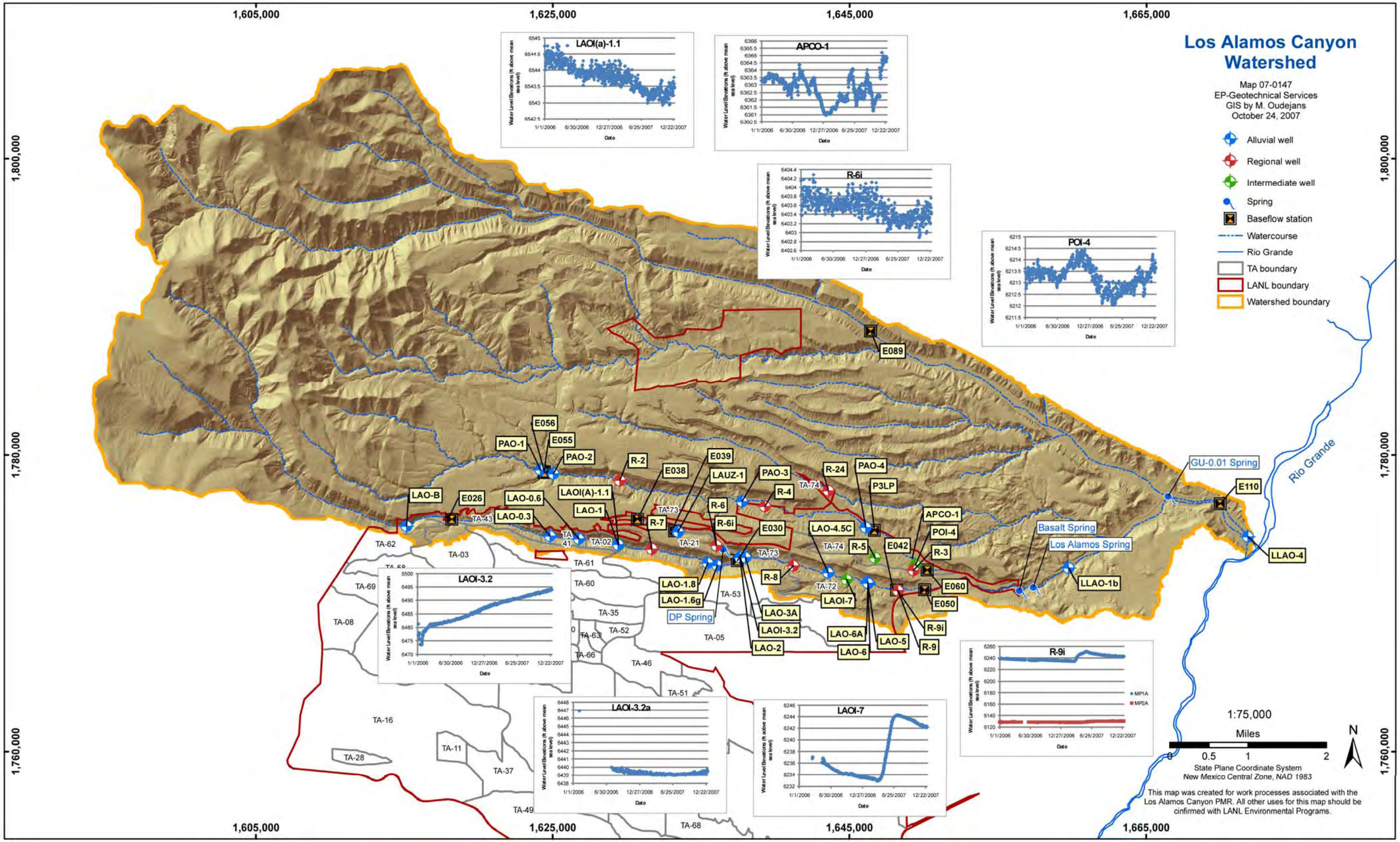


Figure 3.3.2 Alluvial and Intermediate groundwater elevations

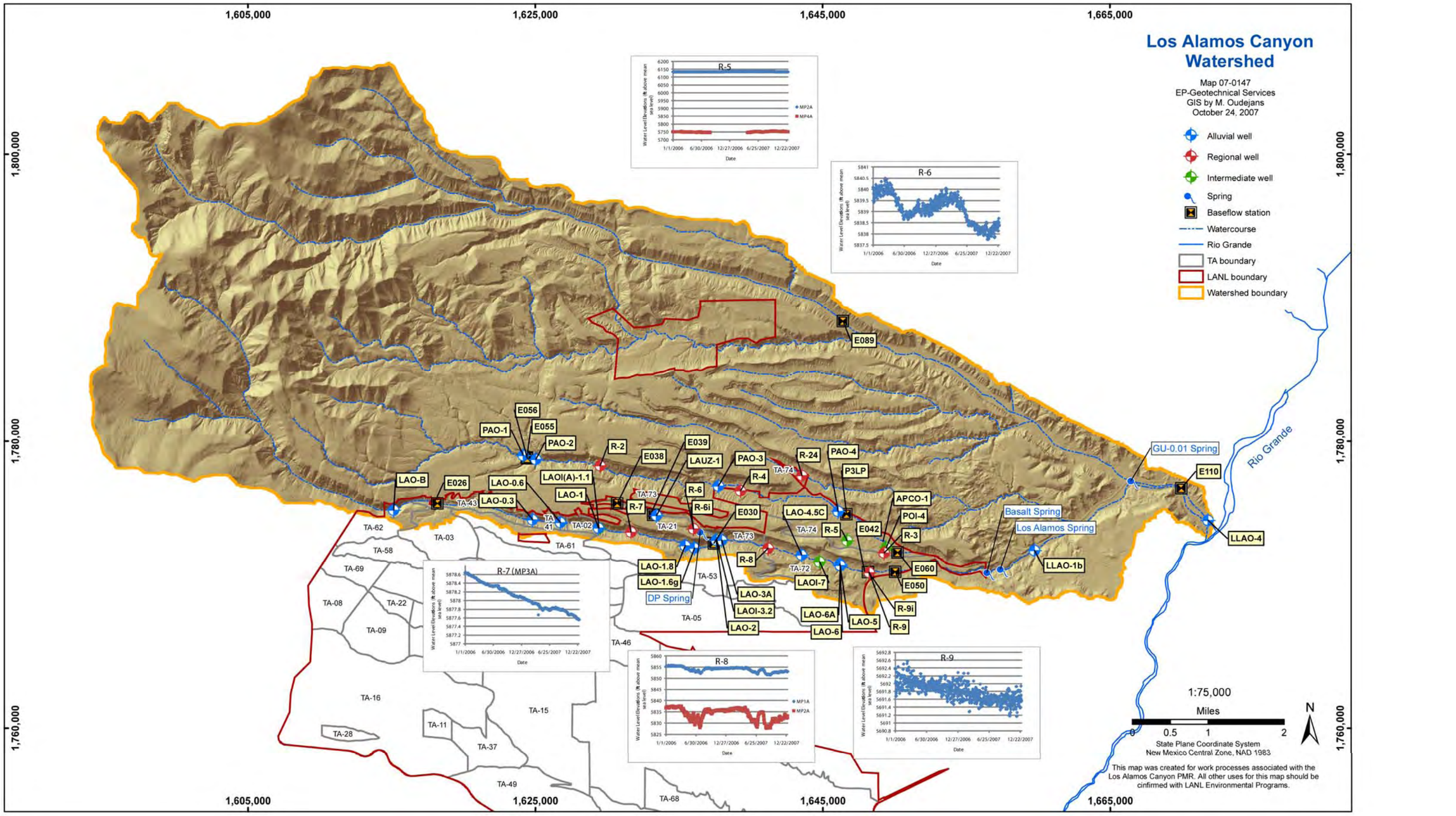


Figure 3.3-3 Regional groundwater elevations

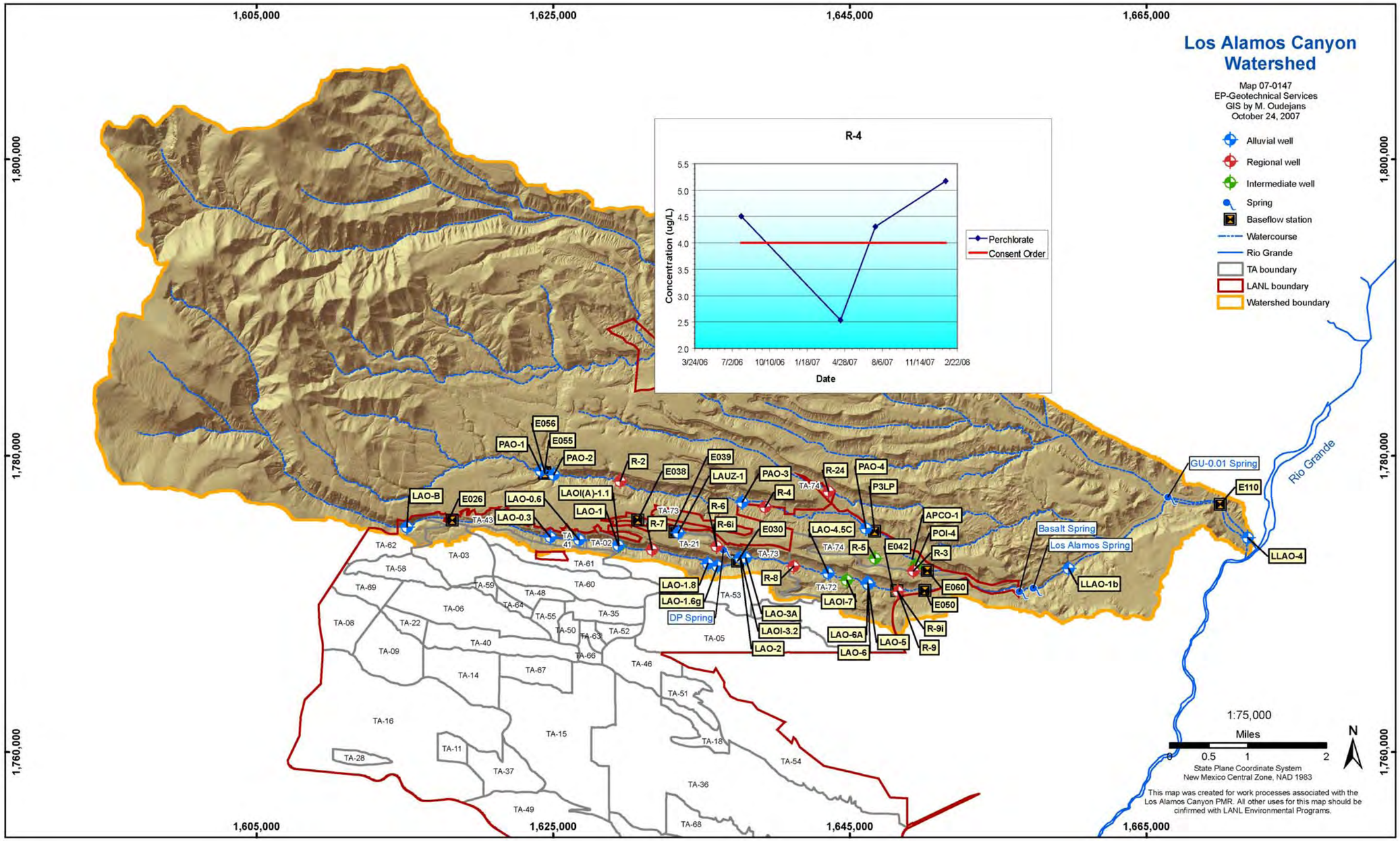


Figure 4.2-1 Analytical results

Table 2.0-1
Monitoring Locations and General Information

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Instantaneous Stream Flow (ft^3/s)	Water Level (ft above msl)[a]	Water-Level Method
Base Flow									
Acid above Pueblo	15-Jan-08	n/a[b]	n/a	n/a	n/a	n/a	0.002	n/a	n/a
DP above TA-21	15-Jan-08	n/a	n/a	n/a	n/a	n/a	Frozen[c]	n/a	n/a
DP below Meadow at TA-21	18-Jan-08	n/a	n/a	n/a	n/a	n/a	0.0045	n/a	n/a
Guaje above Rendija	14-Jan-08	n/a	n/a	n/a	n/a	n/a	Frozen	n/a	n/a
Pueblo 3	14-Jan-08	n/a	n/a	n/a	n/a	n/a	1.74	n/a	n/a
Pueblo above Acid	15-Jan-08	n/a	n/a	n/a	n/a	n/a	0.007	n/a	n/a
Pueblo above SR-502	14-Jan-08	n/a	n/a	n/a	n/a	n/a	0.72	n/a	n/a
Los Alamos above DP Canyon	15-Jan-08	n/a	n/a	n/a	n/a	n/a	Frozen	n/a	n/a
Los Alamos above SR-4	15-Jan-08	n/a	n/a	n/a	n/a	n/a	Frozen	n/a	n/a
Los Alamos below Ice Rink	15-Jan-08	n/a	n/a	n/a	n/a	n/a	Frozen	n/a	n/a
Los Alamos below LA Weir	15-Jan-08	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Los Alamos Canyon near Otowi Bridge	14-Jan-08	n/a	n/a	n/a	n/a	n/a	0.111	n/a	n/a
Springs									
Basalt Spring	25-Jan-08	n/a	n/a	n/a	n/a	n/a	0.017	n/a	n/a
DP Spring	18-Jan-08	n/a	n/a	n/a	n/a	n/a	0.0045	n/a	n/a
GU-0.01 Spring	25-Jan-08	n/a	n/a	n/a	n/a	n/a	0.00004	n/a	n/a
Los Alamos Spring	25-Jan-08	n/a	n/a	n/a	n/a	n/a	0.001	n/a	n/a
Alluvial									
APCO-1	16-Jan-08	Single	4.7	10	4.7	15	n/a	6365.2	Transducer
LADP-3	24-Jan-08	Single	316	9	316	325	n/a	6436.4	Transducer

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Instantaneous Stream Flow (ft^3/s)	Water Level (ft above msl)[a]	Water-Level Method
LAO-0.3	10-Jan-08	Single	5.9	5	5.9	11	n/a	6962.5	Transducer
LAO-0.6	10-Jan-08	Single	8	5	8	13	n/a	6905.9	Transducer
LAO-1	16-Jan-08	Single	8	20	8	28	n/a	6831.4	Transducer
LAO-1.6g	14-Jan-08	Single	10.47	15	10	25	n/a	6649.8	Transducer
LAO-1.8	14-Jan-08	Single	8	10	8	18	n/a	Dry	na[d]
LAO-2	15-Jan-08	Single	7	25	7	32	n/a	6578.5	Transducer
LAO-3a	9-Jan-08	Single	4.7	10	4.7	15	n/a	6572.8	Transducer
LAO-4.5c	9-Jan-08	Single	13.3	10	13	23	n/a	6447.4	Transducer
LAO-5	9-Jan-08	Single	5	20	5	25	n/a	Dry	na
LAO-6	Not Scheduled	Single	6	10	6	16	n/a	na	na
LAO-6a	Not Scheduled	Single	4.2	10	4.2	14	n/a	na	na
LAO-B	4-Jan-08	Single	11.84	15	12	27	n/a	7316.1	Transducer
LAUZ-1	11-Jan-08	Single	5.35	5	5.4	10	n/a	7030.97	Transducer
LLAO-1b	25-Jan-08	Single	11.32	10	11	21	n/a	5832.95	Transducer
LLAO-4	25-Jan-08	Single	5.24	10	5.2	15	n/a	5510.7	Transducer
PAO-1	17-Jan-08	Single	5.89	5	5.9	11	n/a	6949.0	Manual
PAO-2	17-Jan-08	Single	6.06	5	6.1	11	n/a	6916.8	Transducer
PAO-3	29-Jan-08	Single	5.62	5	5.6	11	n/a	Not Sampled	na
PAO-4	16-Jan-08	Single	1.97	5	2	7	n/a	6437.8	Transducer
Intermediate									
LAOI(a)-1.1	24-Jan-08	Single	295.2	9.8	295	305	n/a	6543.3	Manual
LAOI-3.2	15-Jan-08	Single	153.3	9.5	153	163	n/a	128.6	Manual
LAOI-3.2a	23-Jan-08	Single	181.4	9.6	181	191	n/a	6439.43	Manual

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Instantaneous Stream Flow (ft^3/s)	Water Level (ft above msl)[a]	Water-Level Method
LAOI-7	9-Jan-08	Single	240	19.6	240	260	n/a	6242.2	Manual
POI-4	22-Jan-08	Single	159	15	159	174	n/a	6213.8	Manual
R-3i	16-Jan-08	Single	215.2	6.8	215	222	n/a	6199.7	Manual
R-5	10-Jan-08	MP1A	329.5	5.1	326	332	n/a	Dry	na
R-5	10-Jan-08	MP2A	383.9	16	373	389	n/a	6135.0	Transducer
R-6i	23-Jan-08	Single	602	10	602	612	n/a	6403.4	Manual
R-7	23-Jan-08	MP1A	378	16	363	379	n/a	Dry	na
R-7	23-Jan-08	MP2A	744.8	16	730	746	n/a	Dry	na
R-9i	22-Jan-08	MP1A	198.8	10.4	189	200	n/a	6242.1	Transducer
R-9i	22-Jan-08	MP2A	278.8	10.7	270	280	n/a	6130.1	Transducer
Regional									
R-2	11-Jan-08	Single	918	23.12	906	930	n/a	5870.8	Manual
R-24	22-Jan-08	Single	825	23	825	848	n/a	5828.7	Manual
R-4	22-Jan-08	Single	792.9	23.1	793	816	n/a	5830.8	Manual
R-5	10-Jan-08	MP3B	695.1	43.4	677	720	n/a	5766.6	Transducer
R-5	10-Jan-08	MP4A	860.9	5	859	864	n/a	5751.4	Transducer
R-6	17-Jan-08	Single	1205	23	1205	1228	n/a	5838.3	Manual
R-7	23-Jan-08	MP3A	915.1	41.9	896	937	n/a	5877.3	Transducer
R-8	15-Jan-08	MP1A	711.1	50.39	705	756	n/a	5851.9	Transducer
R-8	14-Jan-08	MP2A	825	7	821	828	n/a	5829.94	Transducer
R-9	10-Jan-08	Single	684	65.5	683	749	n/a	5691.5	Manual

[a] msl = Mean sea level.

[b] n/a = Not applicable.

[c] See Table 3.4-1 for explanation.

[d] na = Not available.

Table 3.4-1
Observations and Deviations

Sampling Problems			
Location	Deviation	Cause	Comment
DP above TA-21, Guaje above Rendija Canyon	No data are included in this report for these locations.	The locations were not sampled on 01/14/2008 because they were frozen.	Locations will be sampled when they are not frozen during a future sampling round.
LAO-1.8	No data are included in this report for this location.	The location was not sampled on 01/14/2008 because it was dry.	Location will be sampled during a future round when sufficient water is present.
LAO-5	No data are included in this report for this location.	The location was not sampled on 01/09/2008 because it was dry.	Location will be sampled during a future round when sufficient water is present.
LAOI(a)-1.1	No data are included in this report for this location.	The location was not sampled on 01/24/2008 because the well was obstructed and the pump was not working.	Location will be checked again during next scheduled sampling round.
Los Alamos above DP Canyon, Los Alamos above SR-4, Los Alamos below Ice Rink	No data are included in this report for these locations.	The locations were not sampled on 01/15/2008 because they were frozen.	Locations will be sampled when they are not frozen during a future sampling round.
Los Alamos below LA Weir	No data are included in this report for this location.	The location was not sampled on 01/15/2008 because it was dry.	Location will be sampled during a future round when sufficient water is present.
PAO-2	No data are included in this report for this location.	The location was not sampled on 01/17/2008 because it was dry. The well purged dry with no recharge.	Location will be sampled during a future round when sufficient water is present.
PAO-3	No data are included in this report for this location.	The location was not sampled on 01/29/2008 because the well washed out.	Location will be sampled after well is repaired.
R-5 screen 1	No data are included in this report for this location.	The location was not sampled on 01/10/2008 because it was dry.	Location will be sampled during a future round when sufficient water is present.
R-7 screens 1 & 2	No data are included in this report for these locations.	The screens were not sampled on 01/23/2008 because they were dry.	Locations will be sampled during a future round when sufficient water is present.

Table 4.2-1
Cleanup Standards, Risk-Based Screening Levels, and Risk-Based Cleanup Levels for Groundwater and Surface Water at Los Alamos National Laboratory

Standard Type	Groundwater	Surface Water
DOE Biota Concentration Guides	n/a[a]	x[b]
DOE 100-mrem Public Dose DCG (all exposure pathways dose limit)	x	n/a
DOE 4-mrem Drinking Water DCG (drinking water pathway dose limit)	x	n/a
EPA MCL	x	n/a
EPA Secondary Drinking Water Standard	x	n/a
EPA Region 6 Tap Water Screening Level	x	n/a
New Mexico Environmental Improvement Board Radiation Protection Standards	x	x
NMWQCC Groundwater Standard	x	n/a
NMWQCC Irrigation Standard	n/a	x
NMQCC Livestock Watering Standard	n/a	x
NMWQCC Wildlife Habitat Standard	n/a	x
NMWQCC Aquatic Life Standards Acute	n/a	x
NMWQCC Aquatic Life Standards Acute, Hardness=100 mg/L	n/a	x
NMWQCC Aquatic Life Standards Chronic	n/a	x
NMWQCC Aquatic Life Standards Chronic, Hardness=100 mg/L	n/a	x
NMWQCC Human Health Standard Ephemeral	n/a	x
NMWQCC Human Health Standard Perennial	n/a	x

[a] n/a = Not applicable.

[b] x = Standard applied to data screen for this report.

Table 4.2-2
Results above Screening Levels for Groundwater and Surface Water

Location	Date	Analyte	Result	Units	Screening Level	Screening-Level Origin
Surface Water						
Pueblo above SR-502	01/28/08	Gross-alpha	72.9	pCi/L	15	NMWQCC Livestock Watering
Acid above Pueblo	01/28/08	Cyanide	0.01	mg/L	0.0052	NMWQCC Wildlife Habitat
Los Alamos above DP Canyon	01/28/08	Aluminum	1440	µg/L	750	NMWQCC Aquatic Life Acute
Los Alamos above SR-4	01/28/08	Aluminum	1150	µg/L	750	NMWQCC Aquatic Life Acute
Los Alamos below LA Weir	01/28/08	Aluminum	1500	µg/L	750	NMWQCC Aquatic Life Acute
Pueblo above Acid	01/28/08	Aluminum	752	µg/L	750	NMWQCC Aquatic Life Acute
Alluvial Groundwater						
APCO-1	01/16/08	Manganese	631	µg/L	200	NMWQCC Groundwater
Regional Groundwater						
R-4	01/22/08	Perchlorate	5.17	µg/L	4	Consent Order

Note: Multiple detections of a particular constituent at a location are counted as one result.

Appendix A

Conceptual Model

Canyon	Contaminant Sources	Alluvial Groundwater Contaminants	Intermediate Groundwater Contaminants	Regional Groundwater Contaminants
Bayo Canyon	Minor past dry and liquid sources	No alluvial groundwater	No intermediate groundwater	None
Pueblo and Acid Canyons	Multiple past effluent discharges and current sanitary effluent	Plutonium-239/240, arsenic	Nitrate at one-half of New Mexico Water Quality Control Commission (NMWQCC) groundwater standard, fluoride at 70% of NMWQCC groundwater standard	Fluoride at 50% of NMWQCC groundwater standard; trace of perchlorate and nitrate
Los Alamos and Delta Prime Canyons	Multiple past effluent discharges	Stontium-90, fluoride at 65% of NMWQCC groundwater standard	None	None
Lower Los Alamos Canyon	Multiple past effluent discharges	Nitrate above NMWQCC groundwater standard	Nitrate above NMWQCC groundwater standard	None

Appendix B

Field Parameter Results

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
APCO-1	5211	4.7	01/16/08	WG	Dissolved Oxygen	1.21	mg/L	CAPU-08-9774
APCO-1	5211	4.7	04/25/07	WG	Dissolved Oxygen	1.02	mg/L	FU070400G1PA01
APCO-1	5211	4.7	08/08/06	WG	Dissolved Oxygen	2.4	mg/L	FU060700G1PA01
APCO-1	5211	4.7	05/09/05	WG	Dissolved Oxygen	2.3	mg/L	FU05050G1PA01
APCO-1	5211	4.7	08/01/07	WG	Dissolved Oxygen	0.3	mg/L	FU070700G1PA01
APCO-1	5211	4.7	01/16/08	WG	Oxidation-Reduction Potential	341	mV	CAPU-08-9774
APCO-1	5211	4.7	04/25/07	WG	Oxidation-Reduction Potential	119	mV	FU070400G1PA01
APCO-1	5211	4.7	08/08/06	WG	Oxidation-Reduction Potential	275.1	mV	FU060700G1PA01
APCO-1	5211	4.7	08/01/07	WG	Oxidation-Reduction Potential	84	mV	FU070700G1PA01
APCO-1	5211	4.7	01/16/08	WG	Purge Volume	1	gal.	CAPU-08-9774
APCO-1	5211	4.7	08/01/07	WG	Purge Volume	5	gal.	FU070700G1PA01
APCO-1	5211	4.7	01/16/08	WG	Specific Conductance	502	µS/cm	CAPU-08-9774
APCO-1	5211	4.7	04/25/07	WG	Specific Conductance	665	µS/cm	FU070400G1PA01
APCO-1	5211	4.7	08/08/06	WG	Specific Conductance	472	µS/cm	FU060700G1PA01
APCO-1	5211	4.7	05/09/05	WG	Specific Conductance	668	µS/cm	FU05050G1PA01
APCO-1	5211	4.7	08/01/07	WG	Specific Conductance	562	µS/cm	FU070700G1PA01
APCO-1	5211	4.7	01/16/08	WG	Temperature	3.9	deg C	CAPU-08-9774
APCO-1	5211	4.7	04/25/07	WG	Temperature	7.9	deg C	FU070400G1PA01
APCO-1	5211	4.7	08/08/06	WG	Temperature	16.6	deg C	FU060700G1PA01
APCO-1	5211	4.7	05/09/05	WG	Temperature	10.3	deg C	FU05050G1PA01
APCO-1	5211	4.7	08/01/07	WG	Temperature	17.3	deg C	FU070700G1PA01
APCO-1	5211	4.7	01/16/08	WG	Turbidity	4.06	NTU	CAPU-08-9774
APCO-1	5211	4.7	04/25/07	WG	Turbidity	1.07	NTU	FU070400G1PA01
APCO-1	5211	4.7	08/08/06	WG	Turbidity	84.5	NTU	FU060700G1PA01
APCO-1	5211	4.7	05/09/05	WG	Turbidity	3.25	NTU	FU05050G1PA01
APCO-1	5211	4.7	08/01/07	WG	Turbidity	3.55	NTU	FU070700G1PA01
APCO-1	5211	4.7	01/16/08	WG	pH	6.73	SU	CAPU-08-9774
APCO-1	5211	4.7	04/25/07	WG	pH	6.53	SU	FU070400G1PA01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
APCO-1	5211	4.7	08/08/06	WG	pH	7	SU	FU060700G1PA01
APCO-1	5211	4.7	05/09/05	WG	pH	6.98	SU	FU05050G1PA01
APCO-1	5211	4.7	08/01/07	WG	pH	6.45	SU	FU070700G1PA01
Acid above Pueblo	—*	—	01/15/08	WS	Dissolved Oxygen	7.8	mg/L	CAPU-08-9845
Acid above Pueblo	—	—	04/18/07	WS	Dissolved Oxygen	5.5	mg/L	FU070400P05601
Acid above Pueblo	—	—	07/27/06	WS	Dissolved Oxygen	4.36	mg/L	FU060700P05601
Acid above Pueblo	—	—	07/25/07	WP	Dissolved Oxygen	6.86	mg/L	FU070700P05601
Acid above Pueblo	—	—	01/15/08	WS	Oxidation-Reduction Potential	292	mV	CAPU-08-9845
Acid above Pueblo	—	—	01/15/08	WS	Specific Conductance	403	µS/cm	CAPU-08-9845
Acid above Pueblo	—	—	04/18/07	WS	Specific Conductance	879	µS/cm	FU070400P05601
Acid above Pueblo	—	—	07/27/06	WS	Specific Conductance	390	µS/cm	FU060700P05601
Acid above Pueblo	—	—	07/25/07	WP	Specific Conductance	404	µS/cm	FU070700P05601
Acid above Pueblo	—	—	01/15/08	WS	Temperature	5	deg C	CAPU-08-9845
Acid above Pueblo	—	—	04/18/07	WS	Temperature	8.3	deg C	FU070400P05601
Acid above Pueblo	—	—	07/27/06	WS	Temperature	9.8	deg C	FU060700P05601
Acid above Pueblo	—	—	07/25/07	WP	Temperature	12.5	deg C	FU070700P05601
Acid above Pueblo	—	—	01/15/08	WS	Turbidity	4.32	NTU	CAPU-08-9845
Acid above Pueblo	—	—	04/18/07	WS	Turbidity	1.06	NTU	FU070400P05601
Acid above Pueblo	—	—	07/27/06	WS	Turbidity	12.5	NTU	FU060700P05601
Acid above Pueblo	—	—	07/25/07	WP	Turbidity	12.1	NTU	FU070700P05601
Acid above Pueblo	—	—	01/28/08	WM	Visual Inspection	1		FN080100M05601
Acid above Pueblo	—	—	01/15/08	WS	pH	7	SU	CAPU-08-9845
Acid above Pueblo	—	—	04/18/07	WS	pH	6.24	SU	FU070400P05601
Acid above Pueblo	—	—	07/27/06	WS	pH	6.13	SU	FU060700P05601
Acid above Pueblo	—	—	01/28/08	WM	pH	6.88	SU	FU080100M05601
Acid above Pueblo	—	—	07/25/07	WP	pH	6.47	SU	FU070700P05601
DP Spring	1341	0	01/18/08	WG	Dissolved Oxygen	8.7	mg/L	CALA-08-9811
DP Spring	1341	0	04/18/07	WG	Dissolved Oxygen	8.6	mg/L	FU070400GSPD01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
DP Spring	1341	0	08/03/06	WG	Dissolved Oxygen	8.68	mg/L	FU060700GSPD01
DP Spring	1341	0	05/06/05	WG	Dissolved Oxygen	9.68	mg/L	FU05050GSPD01
DP Spring	1341	0	07/23/07	WG	Dissolved Oxygen	4.69	mg/L	FU070700GSPD01
DP Spring	1341	0	01/18/08	WG	Oxidation-Reduction Potential	377	mV	CALA-08-9811
DP Spring	1341	0	04/18/07	WG	Oxidation-Reduction Potential	94.8	mV	FU070400GSPD01
DP Spring	1341	0	08/03/06	WG	Oxidation-Reduction Potential	51.9	mV	FU060700GSPD01
DP Spring	1341	0	01/18/08	WG	Purge Volume	2	gal.	CALA-08-9811
DP Spring	1341	0	01/18/08	WG	Specific Conductance	505	µS/cm	CALA-08-9811
DP Spring	1341	0	04/18/07	WG	Specific Conductance	741	µS/cm	FU070400GSPD01
DP Spring	1341	0	08/03/06	WG	Specific Conductance	348	µS/cm	FU060700GSPD01
DP Spring	1341	0	05/06/05	WG	Specific Conductance	879	µS/cm	FU05050GSPD01
DP Spring	1341	0	07/23/07	WG	Specific Conductance	548	µS/cm	FU070700GSPD01
DP Spring	1341	0	01/18/08	WG	Temperature	6.3	deg C	CALA-08-9811
DP Spring	1341	0	04/18/07	WG	Temperature	10.4	deg C	FU070400GSPD01
DP Spring	1341	0	08/03/06	WG	Temperature	10.7	deg C	FU060700GSPD01
DP Spring	1341	0	05/06/05	WG	Temperature	8.5	deg C	FU05050GSPD01
DP Spring	1341	0	07/23/07	WG	Temperature	21.4	deg C	FU070700GSPD01
DP Spring	1341	0	01/18/08	WG	Turbidity	7.61	NTU	CALA-08-9811
DP Spring	1341	0	04/18/07	WG	Turbidity	2.01	NTU	FU070400GSPD01
DP Spring	1341	0	08/03/06	WG	Turbidity	31.8	NTU	FU060700GSPD01
DP Spring	1341	0	05/06/05	WG	Turbidity	2.13	NTU	FU05050GSPD01
DP Spring	1341	0	07/23/07	WG	Turbidity	7.83	NTU	FU070700GSPD01
DP Spring	1341	0	01/18/08	WG	pH	8.15	SU	CALA-08-9811
DP Spring	1341	0	04/18/07	WG	pH	7.45	SU	FU070400GSPD01
DP Spring	1341	0	08/03/06	WG	pH	7.56	SU	FU060700GSPD01
DP Spring	1341	0	05/06/05	WG	pH	7.68	SU	FU05050GSPD01
DP Spring	1341	0	07/23/07	WG	pH	8.4	SU	FU070700GSPD01
DP below Meadow at TA-21	—	—	01/18/08	WS	Dissolved Oxygen	3.6	mg/L	CALA-08-9841

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
DP below Meadow at TA-21	—	—	04/17/07	WS	Dissolved Oxygen	3.65	mg/L	FU070400P03901
DP below Meadow at TA-21	—	—	07/26/06	WS	Dissolved Oxygen	5.28	mg/L	FU060700P03901
DP below Meadow at TA-21	—	—	07/25/07	WS	Dissolved Oxygen	2.58	mg/L	FU070700P03901
DP below Meadow at TA-21	—	—	01/18/08	WS	Oxidation-Reduction Potential	141	mV	CALA-08-9841
DP below Meadow at TA-21	—	—	01/18/08	WS	Specific Conductance	1276	µS/cm	CALA-08-9841
DP below Meadow at TA-21	—	—	04/17/07	WS	Specific Conductance	119.4	µS/cm	FU070400P03901
DP below Meadow at TA-21	—	—	07/26/06	WS	Specific Conductance	696	µS/cm	FU060700P03901
DP below Meadow at TA-21	—	—	07/25/07	WS	Specific Conductance	1218	µS/cm	FU070700P03901
DP below Meadow at TA-21	—	—	01/18/08	WS	Temperature	1.4	deg C	CALA-08-9841
DP below Meadow at TA-21	—	—	04/17/07	WS	Temperature	11	deg C	FU070400P03901
DP below Meadow at TA-21	—	—	07/26/06	WS	Temperature	17.5	deg C	FU060700P03901
DP below Meadow at TA-21	—	—	07/25/07	WS	Temperature	26.3	deg C	FU070700P03901
DP below Meadow at TA-21	—	—	01/18/08	WS	Turbidity	4.26	NTU	CALA-08-9841
DP below Meadow at TA-21	—	—	04/17/07	WS	Turbidity	0.57	NTU	FU070400P03901
DP below Meadow at TA-21	—	—	07/26/06	WS	Turbidity	1.36	NTU	FU060700P03901
DP below Meadow at TA-21	—	—	07/25/07	WS	Turbidity	1.29	NTU	FU070700P03901
DP below Meadow at TA-21	—	—	01/18/08	WS	pH	7.14	SU	CALA-08-9841
DP below Meadow at TA-21	—	—	04/17/07	WS	pH	7.03	SU	FU070400P03901
DP below Meadow at TA-21	—	—	07/26/06	WS	pH	7.42	SU	FU060700P03901
DP below Meadow at TA-21	—	—	07/25/07	WS	pH	6.89	SU	FU070700P03901
LADP-3	5411	316	01/24/08	WG	Dissolved Oxygen	1.68	mg/L	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Dissolved Oxygen	0.51	mg/L	FU070400G3PD01
LADP-3	5411	316	01/24/08	WG	Oxidation-Reduction Potential	418	mV	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Oxidation-Reduction Potential	281	mV	FU070400G3PD01
LADP-3	5411	316	01/24/08	WG	Purge Volume	1	gal.	CALA-08-10317
LADP-3	5411	316	01/24/08	WG	Specific Conductance	270	µS/cm	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Specific Conductance	256	µS/cm	FU070400G3PD01
LADP-3	5411	316	01/24/08	WG	Temperature	9.1	deg C	CALA-08-10317

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LADP-3	5411	316	04/26/07	WG	Temperature	12.8	deg C	FU070400G3PD01
LADP-3	5411	316	01/24/08	WG	Turbidity	0.28	NTU	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Turbidity	2	NTU	FU070400G3PD01
LADP-3	5411	316	01/24/08	WG	pH	8.32	SU	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	pH	8.14	SU	FU070400G3PD01
LAO-0.3	5511	5.9	01/10/08	WG	Dissolved Oxygen	4.31	mg/L	CALA-08-9739
LAO-0.3	5511	5.9	04/13/07	WG	Dissolved Oxygen	2.8	mg/L	FU07040GLA0301
LAO-0.3	5511	5.9	07/31/06	WG	Dissolved Oxygen	4.55	mg/L	FU06070GLA0301
LAO-0.3	5511	5.9	07/17/07	WG	Dissolved Oxygen	1.65	mg/L	FU07070GLA0301
LAO-0.3	5511	5.9	01/10/08	WG	Oxidation-Reduction Potential	327	mV	CALA-08-9739
LAO-0.3	5511	5.9	04/13/07	WG	Oxidation-Reduction Potential	255	mV	FU07040GLA0301
LAO-0.3	5511	5.9	07/31/06	WG	Oxidation-Reduction Potential	123.1	mV	FU06070GLA0301
LAO-0.3	5511	5.9	07/17/07	WG	Oxidation-Reduction Potential	358	mV	FU07070GLA0301
LAO-0.3	5511	5.9	01/10/08	WG	Purge Volume	1	gal.	CALA-08-9739
LAO-0.3	5511	5.9	07/17/07	WG	Purge Volume	10.5	gal.	FU07070GLA0301
LAO-0.3	5511	5.9	01/10/08	WG	Specific Conductance	307	µS/cm	CALA-08-9739
LAO-0.3	5511	5.9	04/13/07	WG	Specific Conductance	7.34	µS/cm	FU07040GLA0301
LAO-0.3	5511	5.9	07/31/06	WG	Specific Conductance	339	µS/cm	FU06070GLA0301
LAO-0.3	5511	5.9	07/17/07	WG	Specific Conductance	338	µS/cm	FU07070GLA0301
LAO-0.3	5511	5.9	01/10/08	WG	Temperature	5.4	deg C	CALA-08-9739
LAO-0.3	5511	5.9	04/13/07	WG	Temperature	4.9	deg C	FU07040GLA0301
LAO-0.3	5511	5.9	07/31/06	WG	Temperature	11.9	deg C	FU06070GLA0301
LAO-0.3	5511	5.9	07/17/07	WG	Temperature	14.1	deg C	FU07070GLA0301
LAO-0.3	5511	5.9	01/10/08	WG	Turbidity	6.08	NTU	CALA-08-9739
LAO-0.3	5511	5.9	04/13/07	WG	Turbidity	28	NTU	FU07040GLA0301
LAO-0.3	5511	5.9	07/31/06	WG	Turbidity	3.19	NTU	FU06070GLA0301
LAO-0.3	5511	5.9	07/17/07	WG	Turbidity	5.86	NTU	FU07070GLA0301
LAO-0.3	5511	5.9	01/10/08	WG	pH	6.98	SU	CALA-08-9739

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-0.3	5511	5.9	04/13/07	WG	pH	7.04	SU	FU07040GLA0301
LAO-0.3	5511	5.9	07/31/06	WG	pH	7.01	SU	FU06070GLA0301
LAO-0.3	5511	5.9	07/17/07	WG	pH	6.68	SU	FU07070GLA0301
LAO-0.6	6701	8	01/10/08	WG	Dissolved Oxygen	1.94	mg/L	CALA-08-9735
LAO-0.6	6701	8	04/10/07	WG	Dissolved Oxygen	2.23	mg/L	FU07040GLA0601
LAO-0.6	6701	8	08/03/06	WG	Dissolved Oxygen	0.8	mg/L	FU06070GLA0601
LAO-0.6	6701	8	07/17/07	WG	Dissolved Oxygen	0.72	mg/L	FU07070GLA0601
LAO-0.6	6701	8	01/10/08	WG	Oxidation-Reduction Potential	335	mV	CALA-08-9735
LAO-0.6	6701	8	04/10/07	WG	Oxidation-Reduction Potential	393	mV	FU07040GLA0601
LAO-0.6	6701	8	08/03/06	WG	Oxidation-Reduction Potential	405.3	mV	FU06070GLA0601
LAO-0.6	6701	8	07/17/07	WG	Oxidation-Reduction Potential	323	mV	FU07070GLA0601
LAO-0.6	6701	8	01/10/08	WG	Purge Volume	1	gal.	CALA-08-9735
LAO-0.6	6701	8	07/17/07	WG	Purge Volume	18	gal.	FU07070GLA0601
LAO-0.6	6701	8	01/10/08	WG	Specific Conductance	320	µS/cm	CALA-08-9735
LAO-0.6	6701	8	04/10/07	WG	Specific Conductance	432	µS/cm	FU07040GLA0601
LAO-0.6	6701	8	08/03/06	WG	Specific Conductance	463	µS/cm	FU06070GLA0601
LAO-0.6	6701	8	07/17/07	WG	Specific Conductance	406	µS/cm	FU07070GLA0601
LAO-0.6	6701	8	01/10/08	WG	Temperature	8.2	deg C	CALA-08-9735
LAO-0.6	6701	8	04/10/07	WG	Temperature	6.8	deg C	FU07040GLA0601
LAO-0.6	6701	8	08/03/06	WG	Temperature	13.3	deg C	FU06070GLA0601
LAO-0.6	6701	8	07/17/07	WG	Temperature	13.6	deg C	FU07070GLA0601
LAO-0.6	6701	8	01/10/08	WG	Turbidity	4.9	NTU	CALA-08-9735
LAO-0.6	6701	8	04/10/07	WG	Turbidity	3.17	NTU	FU07040GLA0601
LAO-0.6	6701	8	08/03/06	WG	Turbidity	8.19	NTU	FU06070GLA0601
LAO-0.6	6701	8	07/17/07	WG	Turbidity	1.7	NTU	FU07070GLA0601
LAO-0.6	6701	8	01/10/08	WG	pH	7.08	SU	CALA-08-9735
LAO-0.6	6701	8	04/10/07	WG	pH	6.82	SU	FU07040GLA0601
LAO-0.6	6701	8	08/03/06	WG	pH	6.94	SU	FU06070GLA0601

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-0.6	6701	8	07/17/07	WG	pH	6.83	SU	FU07070GLA0601
LAO-1	4381	8	01/16/08	WG	Dissolved Oxygen	7.98	mg/L	CALA-08-9755
LAO-1	4381	8	04/11/07	WG	Dissolved Oxygen	6.51	mg/L	FU070400G1OL01
LAO-1	4381	8	05/10/05	WG	Dissolved Oxygen	5.55	mg/L	FU05050G1OL01
LAO-1	4381	8	08/01/07	WG	Dissolved Oxygen	5.62	mg/L	FU070700G1OL01
LAO-1	4381	8	01/16/08	WG	Oxidation-Reduction Potential	305	mV	CALA-08-9755
LAO-1	4381	8	04/11/07	WG	Oxidation-Reduction Potential	419	mV	FU070400G1OL01
LAO-1	4381	8	08/01/07	WG	Oxidation-Reduction Potential	334	mV	FU070700G1OL01
LAO-1	4381	8	01/16/08	WG	Purge Volume	1	gal.	CALA-08-9755
LAO-1	4381	8	08/01/07	WG	Purge Volume	9.25	gal.	FU070700G1OL01
LAO-1	4381	8	01/16/08	WG	Specific Conductance	364	µS/cm	CALA-08-9755
LAO-1	4381	8	04/11/07	WG	Specific Conductance	393	µS/cm	FU070400G1OL01
LAO-1	4381	8	05/10/05	WG	Specific Conductance	448	µS/cm	FU05050G1OL01
LAO-1	4381	8	08/01/07	WG	Specific Conductance	351	µS/cm	FU070700G1OL01
LAO-1	4381	8	01/16/08	WG	Temperature	606	deg C	CALA-08-9755
LAO-1	4381	8	04/11/07	WG	Temperature	9.4	deg C	FU070400G1OL01
LAO-1	4381	8	05/10/05	WG	Temperature	7.9	deg C	FU05050G1OL01
LAO-1	4381	8	09/18/03	WG	Temperature	12.1	deg C	FU03090G1OL01
LAO-1	4381	8	08/01/07	WG	Temperature	12	deg C	FU070700G1OL01
LAO-1	4381	8	01/16/08	WG	Turbidity	3.64	NTU	CALA-08-9755
LAO-1	4381	8	04/11/07	WG	Turbidity	1.52	NTU	FU070400G1OL01
LAO-1	4381	8	05/10/05	WG	Turbidity	1.18	NTU	FU05050G1OL01
LAO-1	4381	8	09/18/03	WG	Turbidity	0.46	NTU	FU03090G1OL01
LAO-1	4381	8	08/01/07	WG	Turbidity	3.65	NTU	FU070700G1OL01
LAO-1	4381	8	01/16/08	WG	pH	6.67	SU	CALA-08-9755
LAO-1	4381	8	04/11/07	WG	pH	6.75	SU	FU070400G1OL01
LAO-1	4381	8	05/10/05	WG	pH	7.01	SU	FU05050G1OL01
LAO-1	4381	8	08/01/07	WG	pH	6.63	SU	FU070700G1OL01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-1.6g	5551	10.47	01/14/08	WG	Dissolved Oxygen	6.27	mg/L	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Dissolved Oxygen	11.93	mg/L	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Dissolved Oxygen	6.22	mg/L	FU060700G16G01
LAO-1.6g	5551	10.47	05/04/05	WG	Dissolved Oxygen	5.65	mg/L	FU05050G16G01
LAO-1.6g	5551	10.47	01/14/08	WG	Oxidation-Reduction Potential	402	mV	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Oxidation-Reduction Potential	487	mV	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Oxidation-Reduction Potential	258.8	mV	FU060700G16G01
LAO-1.6g	5551	10.47	01/14/08	WG	Purge Volume	1	gal.	CALA-08-9760
LAO-1.6g	5551	10.47	01/14/08	WG	Specific Conductance	302	µS/cm	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Specific Conductance	424	µS/cm	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Specific Conductance	371	µS/cm	FU060700G16G01
LAO-1.6g	5551	10.47	05/04/05	WG	Specific Conductance	404	µS/cm	FU05050G16G01
LAO-1.6g	5551	10.47	01/14/08	WG	Temperature	9.4	deg C	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Temperature	9.2	deg C	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Temperature	11	deg C	FU060700G16G01
LAO-1.6g	5551	10.47	05/04/05	WG	Temperature	9.2	deg C	FU05050G16G01
LAO-1.6g	5551	10.47	01/14/08	WG	Turbidity	4.41	NTU	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Turbidity	1.11	NTU	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Turbidity	1.57	NTU	FU060700G16G01
LAO-1.6g	5551	10.47	05/04/05	WG	Turbidity	1.45	NTU	FU05050G16G01
LAO-1.6g	5551	10.47	01/14/08	WG	pH	6.75	SU	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	pH	6.6	SU	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	pH	6.58	SU	FU060700G16G01
LAO-1.6g	5551	10.47	05/04/05	WG	pH	6.76	SU	FU05050G16G01
LAO-2	4391	7	01/15/08	WG	Dissolved Oxygen	5.39	mg/L	CALA-08-9737
LAO-2	4391	7	04/18/07	WG	Dissolved Oxygen	6.01	mg/L	FU070400G2OL01
LAO-2	4391	7	07/27/06	WG	Dissolved Oxygen	16.9	mg/L	FU060700G2OL01
LAO-2	4391	7	05/02/05	WG	Dissolved Oxygen	5.13	mg/L	FU05050G2OL01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-2	4391	7	07/23/07	WG	Dissolved Oxygen	5.01	mg/L	FU070700G2OL01
LAO-2	4391	7	01/15/08	WG	Oxidation-Reduction Potential	295	mV	CALA-08-9737
LAO-2	4391	7	04/18/07	WG	Oxidation-Reduction Potential	256	mV	FU070400G2OL01
LAO-2	4391	7	07/27/06	WG	Oxidation-Reduction Potential	276.4	mV	FU060700G2OL01
LAO-2	4391	7	07/23/07	WG	Oxidation-Reduction Potential	396	mV	FU070700G2OL01
LAO-2	4391	7	01/15/08	WG	Purge Volume	1	gal.	CALA-08-9737
LAO-2	4391	7	07/23/07	WG	Purge Volume	9	gal.	FU070700G2OL01
LAO-2	4391	7	01/15/08	WG	Specific Conductance	457	µS/cm	CALA-08-9737
LAO-2	4391	7	04/18/07	WG	Specific Conductance	494	µS/cm	FU070400G2OL01
LAO-2	4391	7	07/27/06	WG	Specific Conductance	379	µS/cm	FU060700G2OL01
LAO-2	4391	7	05/02/05	WG	Specific Conductance	572	µS/cm	FU05050G2OL01
LAO-2	4391	7	07/23/07	WG	Specific Conductance	212	µS/cm	FU070700G2OL01
LAO-2	4391	7	01/15/08	WG	Temperature	11.3	deg C	CALA-08-9737
LAO-2	4391	7	04/18/07	WG	Temperature	11	deg C	FU070400G2OL01
LAO-2	4391	7	07/27/06	WG	Temperature	12	deg C	FU060700G2OL01
LAO-2	4391	7	05/02/05	WG	Temperature	9.7	deg C	FU05050G2OL01
LAO-2	4391	7	07/23/07	WG	Temperature	13.2	deg C	FU070700G2OL01
LAO-2	4391	7	01/15/08	WG	Turbidity	4.87	NTU	CALA-08-9737
LAO-2	4391	7	04/18/07	WG	Turbidity	1.96	NTU	FU070400G2OL01
LAO-2	4391	7	07/27/06	WG	Turbidity	8.77	NTU	FU060700G2OL01
LAO-2	4391	7	05/02/05	WG	Turbidity	2.71	NTU	FU05050G2OL01
LAO-2	4391	7	07/23/07	WG	Turbidity	2.05	NTU	FU070700G2OL01
LAO-2	4391	7	01/15/08	WG	pH	6.67	SU	CALA-08-9737
LAO-2	4391	7	04/18/07	WG	pH	6.67	SU	FU070400G2OL01
LAO-2	4391	7	07/27/06	WG	pH	6.76	SU	FU060700G2OL01
LAO-2	4391	7	05/02/05	WG	pH	6.92	SU	FU05050G2OL01
LAO-2	4391	7	07/23/07	WG	pH	6.79	SU	FU070700G2OL01
LAO-3a	4401	4.7	01/09/08	WG	Dissolved Oxygen	6.04	mg/L	CALA-08-9741

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-3a	4401	4.7	04/12/07	WG	Dissolved Oxygen	7.6	mg/L	FU070400GA3L01
LAO-3a	4401	4.7	08/01/06	WG	Dissolved Oxygen	5.98	mg/L	FU060700GA3L01
LAO-3a	4401	4.7	07/19/07	WG	Dissolved Oxygen	3.76	mg/L	FU070700GA3L01
LAO-3a	4401	4.7	01/09/08	WG	Oxidation-Reduction Potential	315	mV	CALA-08-9741
LAO-3a	4401	4.7	04/12/07	WG	Oxidation-Reduction Potential	325	mV	FU070400GA3L01
LAO-3a	4401	4.7	08/01/06	WG	Oxidation-Reduction Potential	227.3	mV	FU060700GA3L01
LAO-3a	4401	4.7	07/19/07	WG	Oxidation-Reduction Potential	485	mV	FU070700GA3L01
LAO-3a	4401	4.7	01/09/08	WG	Purge Volume	1	gal.	CALA-08-9741
LAO-3a	4401	4.7	07/19/07	WG	Purge Volume	4.2	gal.	FU070700GA3L01
LAO-3a	4401	4.7	01/09/08	WG	Specific Conductance	367	µS/cm	CALA-08-9741
LAO-3a	4401	4.7	04/12/07	WG	Specific Conductance	461	µS/cm	FU070400GA3L01
LAO-3a	4401	4.7	08/01/06	WG	Specific Conductance	416	µS/cm	FU060700GA3L01
LAO-3a	4401	4.7	06/02/04	WG	Specific Conductance	239	µS/cm	FU04050GA3L01
LAO-3a	4401	4.7	07/19/07	WG	Specific Conductance	290	µS/cm	FU070700GA3L01
LAO-3a	4401	4.7	01/09/08	WG	Temperature	9.9	deg C	CALA-08-9741
LAO-3a	4401	4.7	04/12/07	WG	Temperature	8.9	deg C	FU070400GA3L01
LAO-3a	4401	4.7	08/01/06	WG	Temperature	13.9	deg C	FU060700GA3L01
LAO-3a	4401	4.7	06/02/04	WG	Temperature	11.4	deg C	FU04050GA3L01
LAO-3a	4401	4.7	07/19/07	WG	Temperature	13.9	deg C	FU070700GA3L01
LAO-3a	4401	4.7	01/09/08	WG	Turbidity	2.46	NTU	CALA-08-9741
LAO-3a	4401	4.7	04/12/07	WG	Turbidity	3.38	NTU	FU070400GA3L01
LAO-3a	4401	4.7	08/01/06	WG	Turbidity	1.06	NTU	FU060700GA3L01
LAO-3a	4401	4.7	06/02/04	WG	Turbidity	2.72	NTU	FU04050GA3L01
LAO-3a	4401	4.7	07/19/07	WG	Turbidity	2.07	NTU	FU070700GA3L01
LAO-3a	4401	4.7	01/09/08	WG	pH	6.77	SU	CALA-08-9741
LAO-3a	4401	4.7	04/12/07	WG	pH	6.69	SU	FU070400GA3L01
LAO-3a	4401	4.7	08/01/06	WG	pH	6.91	SU	FU060700GA3L01
LAO-3a	4401	4.7	06/02/04	WG	pH	6.95	SU	FU04050GA3L01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-3a	4401	4.7	07/19/07	WG	pH	6.65	SU	FU070700GA3L01
LAO-4.5c	4431	13.3	01/09/08	WG	Dissolved Oxygen	5.26	mg/L	CALA-08-9745
LAO-4.5c	4431	13.3	04/12/07	WG	Dissolved Oxygen	7.69	mg/L	FU070400GC5401
LAO-4.5c	4431	13.3	05/02/05	WG	Dissolved Oxygen	5.4	mg/L	FU05050GC5401
LAO-4.5c	4431	13.3	07/19/07	WG	Dissolved Oxygen	2.81	mg/L	FU070700GC5401
LAO-4.5c	4431	13.3	01/09/08	WG	Oxidation-Reduction Potential	293	mV	CALA-08-9745
LAO-4.5c	4431	13.3	04/12/07	WG	Oxidation-Reduction Potential	330	mV	FU070400GC5401
LAO-4.5c	4431	13.3	07/19/07	WG	Oxidation-Reduction Potential	531	mV	FU070700GC5401
LAO-4.5c	4431	13.3	01/09/08	WG	Specific Conductance	329	µS/cm	CALA-08-9745
LAO-4.5c	4431	13.3	04/12/07	WG	Specific Conductance	302	µS/cm	FU070400GC5401
LAO-4.5c	4431	13.3	05/02/05	WG	Specific Conductance	421	µS/cm	FU05050GC5401
LAO-4.5c	4431	13.3	06/04/04	WG	Specific Conductance	395	µS/cm	FU04050GC5401
LAO-4.5c	4431	13.3	07/19/07	WG	Specific Conductance	250	µS/cm	FU070700GC5401
LAO-4.5c	4431	13.3	01/09/08	WG	Temperature	9.2	deg C	CALA-08-9745
LAO-4.5c	4431	13.3	04/12/07	WG	Temperature	7.1	deg C	FU070400GC5401
LAO-4.5c	4431	13.3	05/02/05	WG	Temperature	7	deg C	FU05050GC5401
LAO-4.5c	4431	13.3	06/04/04	WG	Temperature	9.6	deg C	FU04050GC5401
LAO-4.5c	4431	13.3	07/19/07	WG	Temperature	13.7	deg C	FU070700GC5401
LAO-4.5c	4431	13.3	01/09/08	WG	Turbidity	3.95	NTU	CALA-08-9745
LAO-4.5c	4431	13.3	04/12/07	WG	Turbidity	4	NTU	FU070400GC5401
LAO-4.5c	4431	13.3	05/02/05	WG	Turbidity	1.27	NTU	FU05050GC5401
LAO-4.5c	4431	13.3	06/04/04	WG	Turbidity	1.67	NTU	FU04050GC5401
LAO-4.5c	4431	13.3	07/19/07	WG	Turbidity	1.94	NTU	FU070700GC5401
LAO-4.5c	4431	13.3	01/09/08	WG	pH	6.79	SU	CALA-08-9745
LAO-4.5c	4431	13.3	04/12/07	WG	pH	6.35	SU	FU070400GC5401
LAO-4.5c	4431	13.3	05/02/05	WG	pH	7.16	SU	FU05050GC5401
LAO-4.5c	4431	13.3	06/04/04	WG	pH	6.83	SU	FU04050GC5401
LAO-4.5c	4431	13.3	07/19/07	WG	pH	6.74	SU	FU070700GC5401

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-B	5221	11.84	01/14/08	WG	Dissolved Oxygen	4.54	mg/L	CALA-08-9749
LAO-B	5221	11.84	04/09/07	WG	Dissolved Oxygen	7.42	mg/L	FU070400GBAL01
LAO-B	5221	11.84	08/03/06	WG	Dissolved Oxygen	3.44	mg/L	FU060700GBAL01
LAO-B	5221	11.84	05/10/05	WG	Dissolved Oxygen	5.7	mg/L	FU05050GBAL02
LAO-B	5221	11.84	07/16/07	WG	Dissolved Oxygen	0.89	mg/L	FU070700GBAL01
LAO-B	5221	11.84	01/14/08	WG	Oxidation-Reduction Potential	344	mV	CALA-08-9749
LAO-B	5221	11.84	04/09/07	WG	Oxidation-Reduction Potential	244	mV	FU070400GBAL01
LAO-B	5221	11.84	08/03/06	WG	Oxidation-Reduction Potential	390.6	mV	FU060700GBAL01
LAO-B	5221	11.84	07/16/07	WG	Oxidation-Reduction Potential	374	mV	FU070700GBAL01
LAO-B	5221	11.84	01/14/08	WG	Purge Volume	1	gal.	CALA-08-9749
LAO-B	5221	11.84	07/16/07	WG	Purge Volume	13.5	gal.	FU070700GBAL01
LAO-B	5221	11.84	01/14/08	WG	Specific Conductance	156.7	µS/cm	CALA-08-9749
LAO-B	5221	11.84	04/09/07	WG	Specific Conductance	140.3	µS/cm	FU070400GBAL01
LAO-B	5221	11.84	08/03/06	WG	Specific Conductance	177.1	µS/cm	FU060700GBAL01
LAO-B	5221	11.84	05/10/05	WG	Specific Conductance	179.6	µS/cm	FU05050GBAL02
LAO-B	5221	11.84	07/16/07	WG	Specific Conductance	130	µS/cm	FU070700GBAL01
LAO-B	5221	11.84	01/14/08	WG	Temperature	6.3	deg C	CALA-08-9749
LAO-B	5221	11.84	04/09/07	WG	Temperature	5.1	deg C	FU070400GBAL01
LAO-B	5221	11.84	08/03/06	WG	Temperature	12.6	deg C	FU060700GBAL01
LAO-B	5221	11.84	05/10/05	WG	Temperature	6.8	deg C	FU05050GBAL02
LAO-B	5221	11.84	07/16/07	WG	Temperature	12.3	deg C	FU070700GBAL01
LAO-B	5221	11.84	01/14/08	WG	Turbidity	1.65	NTU	CALA-08-9749
LAO-B	5221	11.84	04/09/07	WG	Turbidity	1.94	NTU	FU070400GBAL01
LAO-B	5221	11.84	08/03/06	WG	Turbidity	1.08	NTU	FU060700GBAL01
LAO-B	5221	11.84	05/10/05	WG	Turbidity	2.48	NTU	FU05050GBAL02
LAO-B	5221	11.84	07/16/07	WG	Turbidity	1.38	NTU	FU070700GBAL01
LAO-B	5221	11.84	01/14/08	WG	pH	6.9	SU	CALA-08-9749
LAO-B	5221	11.84	04/09/07	WG	pH	6.77	SU	FU070400GBAL01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-B	5221	11.84	08/03/06	WG	pH	7.23	SU	FU060700GBAL01
LAO-B	5221	11.84	05/10/05	WG	pH	7.2	SU	FU05050GBAL02
LAO-B	5221	11.84	07/16/07	WG	pH	6.75	SU	FU070700GBAL01
LAOI-3.2	6001	153.3	01/15/08	WG	Dissolved Oxygen	9.98	mg/L	CALA-08-9882
LAOI-3.2	6001	153.3	04/19/07	WG	Dissolved Oxygen	9.92	mg/L	FU070400G32L01
LAOI-3.2	6001	153.3	10/12/06	WG	Dissolved Oxygen	29.6	mg/L	FU061000G32L01
LAOI-3.2	6001	153.3	07/25/06	WG	Dissolved Oxygen	8.76	mg/L	FU060700G32L01
LAOI-3.2	6001	153.3	07/26/07	WG	Dissolved Oxygen	4.32	mg/L	FU070700G32L01
LAOI-3.2	6001	153.3	01/15/08	WG	Oxidation-Reduction Potential	245	mV	CALA-08-9882
LAOI-3.2	6001	153.3	04/19/07	WG	Oxidation-Reduction Potential	211	mV	FU070400G32L01
LAOI-3.2	6001	153.3	10/12/06	WG	Oxidation-Reduction Potential	126.7	mV	FU061000G32L01
LAOI-3.2	6001	153.3	07/25/06	WG	Oxidation-Reduction Potential	173.6	mV	FU060700G32L01
LAOI-3.2	6001	153.3	07/26/07	WG	Oxidation-Reduction Potential	250	mV	FU070700G32L01
LAOI-3.2	6001	153.3	01/15/08	WG	Purge Volume	1	gal.	CALA-08-9882
LAOI-3.2	6001	153.3	07/26/07	WG	Purge Volume	11.25	gal.	FU070700G32L01
LAOI-3.2	6001	153.3	01/15/08	WG	Specific Conductance	252	µS/cm	CALA-08-9882
LAOI-3.2	6001	153.3	04/19/07	WG	Specific Conductance	246	µS/cm	FU070400G32L01
LAOI-3.2	6001	153.3	10/12/06	WG	Specific Conductance	162.8	µS/cm	FU061000G32L01
LAOI-3.2	6001	153.3	07/25/06	WG	Specific Conductance	209	µS/cm	FU060700G32L01
LAOI-3.2	6001	153.3	07/26/07	WG	Specific Conductance	248	µS/cm	FU070700G32L01
LAOI-3.2	6001	153.3	01/15/08	WG	Temperature	10.7	deg C	CALA-08-9882
LAOI-3.2	6001	153.3	04/19/07	WG	Temperature	12.5	deg C	FU070400G32L01
LAOI-3.2	6001	153.3	10/12/06	WG	Temperature	12.2	deg C	FU061000G32L01
LAOI-3.2	6001	153.3	07/25/06	WG	Temperature	14.6	deg C	FU060700G32L01
LAOI-3.2	6001	153.3	07/26/07	WG	Temperature	14.1	deg C	FU070700G32L01
LAOI-3.2	6001	153.3	01/15/08	WG	Turbidity	0.79	NTU	CALA-08-9882
LAOI-3.2	6001	153.3	04/19/07	WG	Turbidity	0.77	NTU	FU070400G32L01
LAOI-3.2	6001	153.3	10/12/06	WG	Turbidity	0.93	NTU	FU061000G32L01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-3.2	6001	153.3	07/25/06	WG	Turbidity	1.38	NTU	FU060700G32L01
LAOI-3.2	6001	153.3	07/26/07	WG	Turbidity	1.82	NTU	FU070700G32L01
LAOI-3.2	6001	153.3	01/15/08	WG	pH	6.76	SU	CALA-08-9882
LAOI-3.2	6001	153.3	04/19/07	WG	pH	6.7	SU	FU070400G32L01
LAOI-3.2	6001	153.3	10/12/06	WG	pH	6.87	SU	FU061000G32L01
LAOI-3.2	6001	153.3	07/25/06	WG	pH	7.19	SU	FU060700G32L01
LAOI-3.2	6001	153.3	07/26/07	WG	pH	6.7	SU	FU070700G32L01
LAOI-3.2a	7691	181.4	10/13/06	WG	Alkalinity-CO3+HCO3	121	mg/L	FU06100GI32A01
LAOI-3.2a	7691	181.4	01/23/08	WG	Dissolved Oxygen	7.43	mg/L	CALA-08-9869
LAOI-3.2a	7691	181.4	04/25/07	WG	Dissolved Oxygen	6.97	mg/L	FU07040GI32A01
LAOI-3.2a	7691	181.4	02/16/07	WG	Dissolved Oxygen	6.87	mg/L	FU07020GI32A01
LAOI-3.2a	7691	181.4	07/30/07	WG	Dissolved Oxygen	5.78	mg/L	FU07070GI32A01
LAOI-3.2a	7691	181.4	01/23/08	WG	Oxidation-Reduction Potential	404	mV	CALA-08-9869
LAOI-3.2a	7691	181.4	04/25/07	WG	Oxidation-Reduction Potential	502	mV	FU07040GI32A01
LAOI-3.2a	7691	181.4	02/16/07	WG	Oxidation-Reduction Potential	130.1	mV	FU07020GI32A01
LAOI-3.2a	7691	181.4	07/30/07	WG	Oxidation-Reduction Potential	4.75	mV	FU07070GI32A01
LAOI-3.2a	7691	181.4	01/23/08	WG	Purge Volume	1	gal.	CALA-08-9869
LAOI-3.2a	7691	181.4	07/30/07	WG	Purge Volume	3.5	gal.	FU07070GI32A01
LAOI-3.2a	7691	181.4	01/23/08	WG	Specific Conductance	233	µS/cm	CALA-08-9869
LAOI-3.2a	7691	181.4	04/25/07	WG	Specific Conductance	250	µS/cm	FU07040GI32A01
LAOI-3.2a	7691	181.4	02/16/07	WG	Specific Conductance	238	µS/cm	FU07020GI32A01
LAOI-3.2a	7691	181.4	10/13/06	WG	Specific Conductance	189.1	µS/cm	FU06100GI32A01
LAOI-3.2a	7691	181.4	07/30/07	WG	Specific Conductance	255	µS/cm	FU07070GI32A01
LAOI-3.2a	7691	181.4	01/23/08	WG	Temperature	12.3	deg C	CALA-08-9869
LAOI-3.2a	7691	181.4	04/25/07	WG	Temperature	12.4	deg C	FU07040GI32A01
LAOI-3.2a	7691	181.4	02/16/07	WG	Temperature	10.3	deg C	FU07020GI32A01
LAOI-3.2a	7691	181.4	10/13/06	WG	Temperature	12.9	deg C	FU06100GI32A01
LAOI-3.2a	7691	181.4	07/30/07	WG	Temperature	19.3	deg C	FU07070GI32A01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-3.2a	7691	181.4	01/23/08	WG	Turbidity	0.19	NTU	CALA-08-9869
LAOI-3.2a	7691	181.4	04/25/07	WG	Turbidity	0.2	NTU	FU07040GI32A01
LAOI-3.2a	7691	181.4	02/16/07	WG	Turbidity	0.14	NTU	FU07020GI32A01
LAOI-3.2a	7691	181.4	10/13/06	WG	Turbidity	0.2	NTU	FU06100GI32A01
LAOI-3.2a	7691	181.4	07/30/07	WG	Turbidity	1.06	NTU	FU07070GI32A01
LAOI-3.2a	7691	181.4	01/23/08	WG	pH	6.7	SU	CALA-08-9869
LAOI-3.2a	7691	181.4	04/25/07	WG	pH	6.8	SU	FU07040GI32A01
LAOI-3.2a	7691	181.4	07/30/07	WG	pH	6.73	SU	FU07070GI32A01
LAOI-7	6411	240	01/09/08	WG	Dissolved Oxygen	7.8	mg/L	CALA-08-10260
LAOI-7	6411	240	04/18/07	WG	Dissolved Oxygen	6.7	mg/L	FU07040LAOI701
LAOI-7	6411	240	02/15/07	WG	Dissolved Oxygen	6.31	mg/L	FU07020LAOI701
LAOI-7	6411	240	11/07/06	WG	Dissolved Oxygen	7.32	mg/L	FU06100LAOI701
LAOI-7	6411	240	07/19/07	WG	Dissolved Oxygen	4.48	mg/L	FU07070LAOI701
LAOI-7	6411	240	01/09/08	WG	Oxidation-Reduction Potential	244	mV	CALA-08-10260
LAOI-7	6411	240	04/18/07	WG	Oxidation-Reduction Potential	71.2	mV	FU07040LAOI701
LAOI-7	6411	240	02/15/07	WG	Oxidation-Reduction Potential	148.6	mV	FU07020LAOI701
LAOI-7	6411	240	11/07/06	WG	Oxidation-Reduction Potential	161.6	mV	FU06100LAOI701
LAOI-7	6411	240	07/19/07	WG	Oxidation-Reduction Potential	64	mV	FU07070LAOI701
LAOI-7	6411	240	01/09/08	WG	Purge Volume	54	gal.	CALA-08-10260
LAOI-7	6411	240	07/19/07	WG	Purge Volume	125	gal.	FU07070LAOI701
LAOI-7	6411	240	01/09/08	WG	Specific Conductance	187.9	µS/cm	CALA-08-10260
LAOI-7	6411	240	04/18/07	WG	Specific Conductance	181.7	µS/cm	FU07040LAOI701
LAOI-7	6411	240	02/15/07	WG	Specific Conductance	185.9	µS/cm	FU07020LAOI701
LAOI-7	6411	240	11/07/06	WG	Specific Conductance	180.2	µS/cm	FU06100LAOI701
LAOI-7	6411	240	07/19/07	WG	Specific Conductance	124.6	µS/cm	FU07070LAOI701
LAOI-7	6411	240	01/09/08	WG	Temperature	13.8	deg C	CALA-08-10260
LAOI-7	6411	240	04/18/07	WG	Temperature	14.9	deg C	FU07040LAOI701
LAOI-7	6411	240	02/15/07	WG	Temperature	13.1	deg C	FU07020LAOI701

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-7	6411	240	11/07/06	WG	Temperature	14.5	deg C	FU06100LAOI701
LAOI-7	6411	240	07/19/07	WG	Temperature	16.7	deg C	FU07070LAOI701
LAOI-7	6411	240	01/09/08	WG	Turbidity	0.98	NTU	CALA-08-10260
LAOI-7	6411	240	04/18/07	WG	Turbidity	1.74	NTU	FU07040LAOI701
LAOI-7	6411	240	02/15/07	WG	Turbidity	0.79	NTU	FU07020LAOI701
LAOI-7	6411	240	11/07/06	WG	Turbidity	1.25	NTU	FU06100LAOI701
LAOI-7	6411	240	07/19/07	WG	Turbidity	1.03	NTU	FU07070LAOI701
LAOI-7	6411	240	01/09/08	WG	pH	7.14	SU	CALA-08-10260
LAOI-7	6411	240	04/18/07	WG	pH	7.22	SU	FU07040LAOI701
LAOI-7	6411	240	02/15/07	WG	pH	6.72	SU	FU07020LAOI701
LAOI-7	6411	240	11/07/06	WG	pH	7.2	SU	FU06100LAOI701
LAOI-7	6411	240	07/19/07	WG	pH	7.23	SU	FU07070LAOI701
LAUZ-1	5361	5.35	01/11/08	WG	Dissolved Oxygen	0.75	mg/L	CALA-08-9733
LAUZ-1	5361	5.35	04/17/07	WG	Dissolved Oxygen	0.47	mg/L	FU070400G1ZL01
LAUZ-1	5361	5.35	08/02/06	WG	Dissolved Oxygen	0.8	mg/L	FU060700G1ZL01
LAUZ-1	5361	5.35	05/03/05	WG	Dissolved Oxygen	57.4	mg/L	FU05050G1ZL01
LAUZ-1	5361	5.35	08/01/07	WG	Dissolved Oxygen	5.4	mg/L	FU070700G1ZL01
LAUZ-1	5361	5.35	01/11/08	WG	Oxidation-Reduction Potential	381	mV	CALA-08-9733
LAUZ-1	5361	5.35	04/17/07	WG	Oxidation-Reduction Potential	332	mV	FU070400G1ZL01
LAUZ-1	5361	5.35	08/02/06	WG	Oxidation-Reduction Potential	314.1	mV	FU060700G1ZL01
LAUZ-1	5361	5.35	08/01/07	WG	Oxidation-Reduction Potential	159	mV	FU070700G1ZL01
LAUZ-1	5361	5.35	01/11/08	WG	Purge Volume	1	gal.	CALA-08-9733
LAUZ-1	5361	5.35	08/01/07	WG	Purge Volume	5	gal.	FU070700G1ZL01
LAUZ-1	5361	5.35	01/11/08	WG	Specific Conductance	688	µS/cm	CALA-08-9733
LAUZ-1	5361	5.35	04/17/07	WG	Specific Conductance	2060	µS/cm	FU070400G1ZL01
LAUZ-1	5361	5.35	08/02/06	WG	Specific Conductance	735	µS/cm	FU060700G1ZL01
LAUZ-1	5361	5.35	05/03/05	WG	Specific Conductance	1280	µS/cm	FU05050G1ZL01
LAUZ-1	5361	5.35	08/01/07	WG	Specific Conductance	714	µS/cm	FU070700G1ZL01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAUZ-1	5361	5.35	01/11/08	WG	Temperature	6.2	deg C	CALA-08-9733
LAUZ-1	5361	5.35	04/17/07	WG	Temperature	7.7	deg C	FU070400G1ZL01
LAUZ-1	5361	5.35	08/02/06	WG	Temperature	14.6	deg C	FU060700G1ZL01
LAUZ-1	5361	5.35	05/03/05	WG	Temperature	7.1	deg C	FU05050G1ZL01
LAUZ-1	5361	5.35	08/01/07	WG	Temperature	16.3	deg C	FU070700G1ZL01
LAUZ-1	5361	5.35	01/11/08	WG	Turbidity	0.54	NTU	CALA-08-9733
LAUZ-1	5361	5.35	04/17/07	WG	Turbidity	0.26	NTU	FU070400G1ZL01
LAUZ-1	5361	5.35	08/02/06	WG	Turbidity	2.65	NTU	FU060700G1ZL01
LAUZ-1	5361	5.35	05/03/05	WG	Turbidity	0.45	NTU	FU05050G1ZL01
LAUZ-1	5361	5.35	08/01/07	WG	Turbidity	1.79	NTU	FU070700G1ZL01
LAUZ-1	5361	5.35	01/11/08	WG	pH	6.9	SU	CALA-08-9733
LAUZ-1	5361	5.35	04/17/07	WG	pH	6.78	SU	FU070400G1ZL01
LAUZ-1	5361	5.35	08/02/06	WG	pH	6.89	SU	FU060700G1ZL01
LAUZ-1	5361	5.35	05/03/05	WG	pH	7.1	SU	FU05050G1ZL01
LAUZ-1	5361	5.35	08/01/07	WG	pH	6.89	SU	FU070700G1ZL01
Los Alamos Canyon near Otowi Bridge	—	—	01/28/08	WM	Visual Inspection	1		FN080100M11001
Los Alamos Canyon near Otowi Bridge	—	—	03/28/07	WM	Visual Inspection	1		FN070300M11001
Los Alamos Canyon near Otowi Bridge	—	—	04/10/07	WS	pH	7.4	SU	FU070400P11001
Los Alamos Canyon near Otowi Bridge	—	—	03/28/07	WM	pH	7.75	SU	FU070300M11001
Los Alamos Canyon near Otowi Bridge	—	—	07/25/06	WP	pH	8.35	SU	FU060700P11001
Los Alamos Canyon near Otowi Bridge	—	—	01/28/08	WM	pH	7.44	SU	FU080100M11001
Los Alamos Canyon near Otowi Bridge	—	—	07/24/07	WP	pH	7.84	SU	FU070700P11001
Los Alamos above DP Canyon	—	—	03/22/07	WM	Visual Inspection	1		FN070300M03001
Los Alamos above DP Canyon	—	—	01/28/08	WM	Visual Inspection	1		FN080100M03001
Los Alamos above DP Canyon	—	—	04/10/07	WM	Visual Inspection	1		FU070400M03001
Los Alamos above DP Canyon	—	—	04/17/07	WS	pH	7.87	SU	FU070400P03001
Los Alamos above DP Canyon	—	—	04/10/07	WM	pH	7.79	SU	FU070400M03001
Los Alamos above DP Canyon	—	—	03/21/07	WM	pH	7.06	SU	FU070300M03001

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Los Alamos above DP Canyon	—	—	04/28/05	WM	pH	8.14	SU	FU05040P03001
Los Alamos above DP Canyon	—	—	01/28/08	WM	pH	7.42	SU	FU080100M03001
Los Alamos above SR-4	—	—	01/28/08	WM	Visual Inspection	1		FN080100M04201
Los Alamos above SR-4	—	—	04/10/07	WM	Visual Inspection	1		FU070400M04201
Los Alamos above SR-4	—	—	04/12/07	WS	pH	7.7	SU	FU070400P04201
Los Alamos above SR-4	—	—	04/10/07	WM	pH	7.44	SU	FU070400M04201
Los Alamos above SR-4	—	—	04/28/05	WM	pH	8.06	SU	FU05040P04201
Los Alamos above SR-4	—	—	03/18/05	WM	pH	7.4	SU	FU05030M04201
Los Alamos above SR-4	—	—	01/28/08	WM	pH	7.06	SU	FU080100M04201
Los Alamos below LA Weir	—	—	01/28/08	WM	Visual Inspection	1		FN080100M05001
Los Alamos below LA Weir	—	—	04/10/07	WM	Visual Inspection	1		FU070400M05001
Los Alamos below LA Weir	—	—	04/12/07	WP	pH	7.1	SU	FU070400P05001
Los Alamos below LA Weir	—	—	04/10/07	WM	pH	7.39	SU	FU070400M05001
Los Alamos below LA Weir	—	—	04/27/05	WM	pH	7.73	SU	FU05040P05001
Los Alamos below LA Weir	—	—	03/22/05	WM	pH	7.5	SU	FU05030M05001
Los Alamos below LA Weir	—	—	01/28/08	WM	pH	6.94	SU	FU080100M05001
PAO-1	5561	5.89	01/17/08	WG	Dissolved Oxygen	19.84	mg/L	CAPU-08-9768
PAO-1	5561	5.89	04/23/07	WG	Dissolved Oxygen	6.2	mg/L	FU07040G1OAP01
PAO-1	5561	5.89	08/10/06	WG	Dissolved Oxygen	1.26	mg/L	FU06070G1OAP01
PAO-1	5561	5.89	05/12/05	WG	Dissolved Oxygen	3.2	mg/L	FU0505G1OAP01
PAO-1	5561	5.89	07/25/07	WG	Dissolved Oxygen	1.36	mg/L	FU07070G1OAP01
PAO-1	5561	5.89	01/17/08	WG	Oxidation-Reduction Potential	395	mV	CAPU-08-9768
PAO-1	5561	5.89	04/23/07	WG	Oxidation-Reduction Potential	126.4	mV	FU07040G1OAP01
PAO-1	5561	5.89	08/10/06	WG	Oxidation-Reduction Potential	198.4	mV	FU06070G1OAP01
PAO-1	5561	5.89	07/25/07	WG	Oxidation-Reduction Potential	346	mV	FU07070G1OAP01
PAO-1	5561	5.89	01/17/08	WG	Purge Volume	1	gal.	CAPU-08-9768
PAO-1	5561	5.89	07/25/07	WG	Purge Volume	6	gal.	FU07070G1OAP01
PAO-1	5561	5.89	01/17/08	WG	Specific Conductance	617	µS/cm	CAPU-08-9768

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PAO-1	5561	5.89	04/23/07	WG	Specific Conductance	439	µS/cm	FU07040G1OAP01
PAO-1	5561	5.89	08/10/06	WG	Specific Conductance	333	µS/cm	FU06070G1OAP01
PAO-1	5561	5.89	05/12/05	WG	Specific Conductance	349	µS/cm	FU0505G1OAP01
PAO-1	5561	5.89	07/25/07	WG	Specific Conductance	417	µS/cm	FU07070G1OAP01
PAO-1	5561	5.89	01/17/08	WG	Temperature	1.4	deg C	CAPU-08-9768
PAO-1	5561	5.89	04/23/07	WG	Temperature	8.7	deg C	FU07040G1OAP01
PAO-1	5561	5.89	08/10/06	WG	Temperature	17	deg C	FU06070G1OAP01
PAO-1	5561	5.89	05/12/05	WG	Temperature	11.2	deg C	FU0505G1OAP01
PAO-1	5561	5.89	07/25/07	WG	Temperature	18	deg C	FU07070G1OAP01
PAO-1	5561	5.89	01/17/08	WG	Turbidity	1.44	NTU	CAPU-08-9768
PAO-1	5561	5.89	04/23/07	WG	Turbidity	4.91	NTU	FU07040G1OAP01
PAO-1	5561	5.89	08/10/06	WG	Turbidity	10.7	NTU	FU06070G1OAP01
PAO-1	5561	5.89	05/12/05	WG	Turbidity	13.3	NTU	FU0505G1OAP01
PAO-1	5561	5.89	07/25/07	WG	Turbidity	4.38	NTU	FU07070G1OAP01
PAO-1	5561	5.89	01/17/08	WG	pH	7.42	SU	CAPU-08-9768
PAO-1	5561	5.89	04/23/07	WG	pH	7.35	SU	FU07040G1OAP01
PAO-1	5561	5.89	08/10/06	WG	pH	6.94	SU	FU06070G1OAP01
PAO-1	5561	5.89	05/12/05	WG	pH	7.51	SU	FU0505G1OAP01
PAO-1	5561	5.89	07/25/07	WG	pH	7.1	SU	FU07070G1OAP01
PAO-4	5591	1.97	01/16/08	WG	Dissolved Oxygen	0.4	mg/L	CAPU-08-9767
PAO-4	5591	1.97	04/19/07	WG	Dissolved Oxygen	0.53	mg/L	FU07040G4OAP01
PAO-4	5591	1.97	08/10/06	WG	Dissolved Oxygen	0.5	mg/L	FU06070G4OAP01
PAO-4	5591	1.97	05/09/05	WG	Dissolved Oxygen	3	mg/L	FU0505G4OAP01
PAO-4	5591	1.97	08/02/07	WG	Dissolved Oxygen	0.5	mg/L	FU07070G4OAP01
PAO-4	5591	1.97	01/16/08	WG	Oxidation-Reduction Potential	199	mV	CAPU-08-9767
PAO-4	5591	1.97	04/19/07	WG	Oxidation-Reduction Potential	-118	mV	FU07040G4OAP01
PAO-4	5591	1.97	08/10/06	WG	Oxidation-Reduction Potential	316.4	mV	FU06070G4OAP01
PAO-4	5591	1.97	08/02/07	WG	Oxidation-Reduction Potential	-113	mV	FU07070G4OAP01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PAO-4	5591	1.97	01/16/08	WG	Purge Volume	1	gal.	CAPU-08-9767
PAO-4	5591	1.97	08/02/07	WG	Purge Volume	7	gal.	FU07070G4OAP01
PAO-4	5591	1.97	01/16/08	WG	Specific Conductance	524	µS/cm	CAPU-08-9767
PAO-4	5591	1.97	04/19/07	WG	Specific Conductance	751	µS/cm	FU07040G4OAP01
PAO-4	5591	1.97	08/10/06	WG	Specific Conductance	617	µS/cm	FU06070G4OAP01
PAO-4	5591	1.97	05/09/05	WG	Specific Conductance	577	µS/cm	FU0505G4OAP01
PAO-4	5591	1.97	08/02/07	WG	Specific Conductance	732	µS/cm	FU07070G4OAP01
PAO-4	5591	1.97	01/16/08	WG	Temperature	5.1	deg C	CAPU-08-9767
PAO-4	5591	1.97	04/19/07	WG	Temperature	10.6	deg C	FU07040G4OAP01
PAO-4	5591	1.97	08/10/06	WG	Temperature	16.6	deg C	FU06070G4OAP01
PAO-4	5591	1.97	05/09/05	WG	Temperature	10.2	deg C	FU0505G4OAP01
PAO-4	5591	1.97	08/02/07	WG	Temperature	17.7	deg C	FU07070G4OAP01
PAO-4	5591	1.97	01/16/08	WG	Turbidity	1.88	NTU	CAPU-08-9767
PAO-4	5591	1.97	04/19/07	WG	Turbidity	3.43	NTU	FU07040G4OAP01
PAO-4	5591	1.97	08/10/06	WG	Turbidity	2.79	NTU	FU06070G4OAP01
PAO-4	5591	1.97	05/09/05	WG	Turbidity	1.3	NTU	FU0505G4OAP01
PAO-4	5591	1.97	08/02/07	WG	Turbidity	3.47	NTU	FU07070G4OAP01
PAO-4	5591	1.97	01/16/08	WG	pH	7.15	SU	CAPU-08-9767
PAO-4	5591	1.97	04/19/07	WG	pH	6.88	SU	FU07040G4OAP01
PAO-4	5591	1.97	08/10/06	WG	pH	6.41	SU	FU06070G4OAP01
PAO-4	5591	1.97	05/09/05	WG	pH	6.67	SU	FU0505G4OAP01
PAO-4	5591	1.97	08/02/07	WG	pH	6.9	SU	FU07070G4OAP01
POI-4	4291	159	01/22/08	WG	Dissolved Oxygen	2.1	mg/L	CAPU-08-9905
POI-4	4291	159	04/25/07	WG	Dissolved Oxygen	5.93	mg/L	FU070400G4OP01
POI-4	4291	159	08/08/06	WG	Dissolved Oxygen	8.47	mg/L	FU060700G4OP01
POI-4	4291	159	05/07/05	WG	Dissolved Oxygen	6.28	mg/L	FU05050G4OP01
POI-4	4291	159	08/02/07	WG	Dissolved Oxygen	0.45	mg/L	FU070700G4OP01
POI-4	4291	159	01/22/08	WG	Oxidation-Reduction Potential	287	mV	CAPU-08-9905

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
POI-4	4291	159	04/25/07	WG	Oxidation-Reduction Potential	560	mV	FU070400G4OP01
POI-4	4291	159	08/08/06	WG	Oxidation-Reduction Potential	208.4	mV	FU060700G4OP01
POI-4	4291	159	08/02/07	WG	Oxidation-Reduction Potential	392	mV	FU070700G4OP01
POI-4	4291	159	01/22/08	WG	Purge Volume	1	gal.	CAPU-08-9905
POI-4	4291	159	08/02/07	WG	Purge Volume	14	gal.	FU070700G4OP01
POI-4	4291	159	01/22/08	WG	Specific Conductance	597	µS/cm	CAPU-08-9905
POI-4	4291	159	04/25/07	WG	Specific Conductance	583	µS/cm	FU070400G4OP01
POI-4	4291	159	08/08/06	WG	Specific Conductance	561	µS/cm	FU060700G4OP01
POI-4	4291	159	05/07/05	WG	Specific Conductance	578	µS/cm	FU05050G4OP01
POI-4	4291	159	08/02/07	WG	Specific Conductance	583	µS/cm	FU070700G4OP01
POI-4	4291	159	01/22/08	WG	Temperature	12.1	deg C	CAPU-08-9905
POI-4	4291	159	04/25/07	WG	Temperature	12.7	deg C	FU070400G4OP01
POI-4	4291	159	08/08/06	WG	Temperature	12.3	deg C	FU060700G4OP01
POI-4	4291	159	05/07/05	WG	Temperature	13.3	deg C	FU05050G4OP01
POI-4	4291	159	08/02/07	WG	Temperature	19.3	deg C	FU070700G4OP01
POI-4	4291	159	01/22/08	WG	Turbidity	60.5	NTU	CAPU-08-9905
POI-4	4291	159	04/25/07	WG	Turbidity	1.61	NTU	FU070400G4OP01
POI-4	4291	159	08/08/06	WG	Turbidity	0.74	NTU	FU060700G4OP01
POI-4	4291	159	05/07/05	WG	Turbidity	0.39	NTU	FU05050G4OP01
POI-4	4291	159	08/02/07	WG	Turbidity	12.6	NTU	FU070700G4OP01
POI-4	4291	159	01/22/08	WG	pH	8.39	SU	CAPU-08-9905
POI-4	4291	159	04/25/07	WG	pH	7.11	SU	FU070400G4OP01
POI-4	4291	159	08/08/06	WG	pH	7.19	SU	FU060700G4OP01
POI-4	4291	159	05/07/05	WG	pH	7.47	SU	FU05050G4OP01
POI-4	4291	159	08/02/07	WG	pH	7.55	SU	FU070700G4OP01
Pueblo 3	—	—	01/14/08	WS	Dissolved Oxygen	8	mg/L	CAPU-08-9848
Pueblo 3	—	—	04/20/07	WS	Dissolved Oxygen	6.12	mg/L	FU070400P3LP01
Pueblo 3	—	—	07/28/06	WS	Dissolved Oxygen	0.16	mg/L	FU060700P3LP01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pueblo 3	—	—	07/26/07	WS	Dissolved Oxygen	1.38	mg/L	FU070700P3LP01
Pueblo 3	—	—	01/14/08	WS	Oxidation-Reduction Potential	171	mV	CAPU-08-9848
Pueblo 3	—	—	01/14/08	WS	Specific Conductance	508	µS/cm	CAPU-08-9848
Pueblo 3	—	—	04/20/07	WS	Specific Conductance	574	µS/cm	FU070400P3LP01
Pueblo 3	—	—	07/28/06	WS	Specific Conductance	658	µS/cm	FU060700P3LP01
Pueblo 3	—	—	06/09/04	WS	Specific Conductance	704	µS/cm	FU04060W3LP01
Pueblo 3	—	—	07/26/07	WS	Specific Conductance	561	µS/cm	FU070700P3LP01
Pueblo 3	—	—	01/14/08	WS	Temperature	9.6	deg C	CAPU-08-9848
Pueblo 3	—	—	04/20/07	WS	Temperature	18.3	deg C	FU070400P3LP01
Pueblo 3	—	—	07/28/06	WS	Temperature	18	deg C	FU060700P3LP01
Pueblo 3	—	—	06/09/04	WS	Temperature	19.1	deg C	FU04060W3LP01
Pueblo 3	—	—	07/26/07	WS	Temperature	23.2	deg C	FU070700P3LP01
Pueblo 3	—	—	01/14/08	WS	Turbidity	25.2	NTU	CAPU-08-9848
Pueblo 3	—	—	04/20/07	WS	Turbidity	28.1	NTU	FU070400P3LP01
Pueblo 3	—	—	07/28/06	WS	Turbidity	32.1	NTU	FU060700P3LP01
Pueblo 3	—	—	06/09/04	WS	Turbidity	27	NTU	FU04060W3LP01
Pueblo 3	—	—	07/26/07	WS	Turbidity	11.7	NTU	FU070700P3LP01
Pueblo 3	—	—	01/14/08	WS	pH	8.07	SU	CAPU-08-9848
Pueblo 3	—	—	04/20/07	WS	pH	7.59	SU	FU070400P3LP01
Pueblo 3	—	—	07/28/06	WS	pH	7.15	SU	FU060700P3LP01
Pueblo 3	—	—	06/09/04	WS	pH	7.3	SU	FU04060W3LP01
Pueblo 3	—	—	07/26/07	WS	pH	7.28	SU	FU070700P3LP01
Pueblo above Acid	—	—	01/15/08	WS	Dissolved Oxygen	9.2	mg/L	CAPU-08-9842
Pueblo above Acid	—	—	04/18/07	WP	Dissolved Oxygen	6.53	mg/L	FU070400P05501
Pueblo above Acid	—	—	07/25/07	WP	Dissolved Oxygen	4.93	mg/L	FU070700P05501
Pueblo above Acid	—	—	01/15/08	WS	Oxidation-Reduction Potential	295	mV	CAPU-08-9842
Pueblo above Acid	—	—	01/15/08	WS	Specific Conductance	612	µS/cm	CAPU-08-9842
Pueblo above Acid	—	—	04/18/07	WP	Specific Conductance	340	µS/cm	FU070400P05501

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pueblo above Acid	—	—	07/25/07	WP	Specific Conductance	404	µS/cm	FU070700P05501
Pueblo above Acid	—	—	01/15/08	WS	Temperature	0.4	deg C	CAPU-08-9842
Pueblo above Acid	—	—	04/18/07	WP	Temperature	10.2	deg C	FU070400P05501
Pueblo above Acid	—	—	07/25/07	WP	Temperature	18.3	deg C	FU070700P05501
Pueblo above Acid	—	—	01/15/08	WS	Turbidity	0.67	NTU	CAPU-08-9842
Pueblo above Acid	—	—	04/18/07	WP	Turbidity	4.49	NTU	FU070400P05501
Pueblo above Acid	—	—	07/25/07	WP	Turbidity	4.26	NTU	FU070700P05501
Pueblo above Acid	—	—	01/28/08	WM	Visual Inspection	1		FN080100M05501
Pueblo above Acid	—	—	01/15/08	WS	pH	7.35	SU	CAPU-08-9842
Pueblo above Acid	—	—	04/18/07	WP	pH	7.51	SU	FU070400P05501
Pueblo above Acid	—	—	03/30/05	WM	pH	8.11	SU	FU05030M05501
Pueblo above Acid	—	—	01/28/08	WM	pH	7.12	SU	FU080100M05501
Pueblo above Acid	—	—	07/25/07	WP	pH	7.5	SU	FU070700P05501
Pueblo above SR-502	—	—	01/14/08	WS	Dissolved Oxygen	10	mg/L	CAPU-08-9849
Pueblo above SR-502	—	—	04/11/07	WS	Dissolved Oxygen	8.62	mg/L	FU070400P06001
Pueblo above SR-502	—	—	07/28/06	WP	Dissolved Oxygen	1	mg/L	FU060700P06001
Pueblo above SR-502	—	—	05/02/05	WS	Dissolved Oxygen	4.52	mg/L	FU05040P06001
Pueblo above SR-502	—	—	01/14/08	WS	Oxidation-Reduction Potential	284	mV	CAPU-08-9849
Pueblo above SR-502	—	—	01/14/08	WS	Specific Conductance	513	µS/cm	CAPU-08-9849
Pueblo above SR-502	—	—	04/11/07	WS	Specific Conductance	619	µS/cm	FU070400P06001
Pueblo above SR-502	—	—	07/28/06	WP	Specific Conductance	651	µS/cm	FU060700P06001
Pueblo above SR-502	—	—	05/02/05	WS	Specific Conductance	649	µS/cm	FU05040P06001
Pueblo above SR-502	—	—	12/17/03	WS	Specific Conductance	553	µS/cm	FU03120W06001
Pueblo above SR-502	—	—	01/14/08	WS	Temperature	0.2	deg C	CAPU-08-9849
Pueblo above SR-502	—	—	04/11/07	WS	Temperature	9.8	deg C	FU070400P06001
Pueblo above SR-502	—	—	07/28/06	WP	Temperature	16.5	deg C	FU060700P06001
Pueblo above SR-502	—	—	05/02/05	WS	Temperature	10.2	deg C	FU05040P06001
Pueblo above SR-502	—	—	12/17/03	WS	Temperature	4.9	deg C	FU03120W06001

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pueblo above SR-502	—	—	01/14/08	WS	Turbidity	68.6	NTU	CAPU-08-9849
Pueblo above SR-502	—	—	04/11/07	WS	Turbidity	39.1	NTU	FU070400P06001
Pueblo above SR-502	—	—	07/28/06	WP	Turbidity	11.8	NTU	FU060700P06001
Pueblo above SR-502	—	—	05/02/05	WS	Turbidity	45.6	NTU	FU05040P06001
Pueblo above SR-502	—	—	12/17/03	WS	Turbidity	59	NTU	FU03120W06001
Pueblo above SR-502	—	—	01/28/08	WM	Visual Inspection	1		FN080100M06001
Pueblo above SR-502	—	—	01/14/08	WS	pH	7.78	SU	CAPU-08-9849
Pueblo above SR-502	—	—	04/11/07	WS	pH	7.8	SU	FU070400P06001
Pueblo above SR-502	—	—	07/28/06	WP	pH	6.8	SU	FU060700P06001
Pueblo above SR-502	—	—	05/02/05	WS	pH	7.6	SU	FU05040P06001
Pueblo above SR-502	—	—	12/17/03	WS	pH	7.33	SU	FU03120W06001
Pueblo above SR-502	—	—	01/28/08	WM	pH	6.96	SU	FU080100M06001
R-2	1711	918	02/27/06	WG	Alkalinity-CO3+HCO3	103	mg/L	FU06020G02R01
R-2	1711	918	01/11/08	WG	Dissolved Oxygen	5.1	mg/L	CAPU-08-9896
R-2	1711	918	04/17/07	WG	Dissolved Oxygen	4	mg/L	FU070400G02R01
R-2	1711	918	07/24/06	WG	Dissolved Oxygen	3.1	mg/L	FU060700G02R01
R-2	1711	918	02/27/06	WG	Dissolved Oxygen	3.08	mg/L	FU06020G02R01
R-2	1711	918	07/16/07	WG	Dissolved Oxygen	3.22	mg/L	FU070700G02R01
R-2	1711	918	01/11/08	WG	Oxidation-Reduction Potential	202	mV	CAPU-08-9896
R-2	1711	918	04/17/07	WG	Oxidation-Reduction Potential	37.4	mV	FU070400G02R01
R-2	1711	918	07/24/06	WG	Oxidation-Reduction Potential	146.9	mV	FU060700G02R01
R-2	1711	918	02/27/06	WG	Oxidation-Reduction Potential	108.2	mV	FU06020G02R01
R-2	1711	918	07/16/07	WG	Oxidation-Reduction Potential	280	mV	FU070700G02R01
R-2	1711	918	01/11/08	WG	Purge Volume	160	gal.	CAPU-08-9896
R-2	1711	918	07/16/07	WG	Purge Volume	115	gal.	FU070700G02R01
R-2	1711	918	01/11/08	WG	Specific Conductance	137.5	µS/cm	CAPU-08-9896
R-2	1711	918	04/17/07	WG	Specific Conductance	129.6	µS/cm	FU070400G02R01
R-2	1711	918	07/24/06	WG	Specific Conductance	103.6	µS/cm	FU060700G02R01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-2	1711	918	02/27/06	WG	Specific Conductance	143.4	µS/cm	FU06020G02R01
R-2	1711	918	07/16/07	WG	Specific Conductance	100.7	µS/cm	FU070700G02R01
R-2	1711	918	01/11/08	WG	Temperature	21.5	deg C	CAPU-08-9896
R-2	1711	918	04/17/07	WG	Temperature	23.3	deg C	FU070400G02R01
R-2	1711	918	07/24/06	WG	Temperature	24.3	deg C	FU060700G02R01
R-2	1711	918	02/27/06	WG	Temperature	25.1	deg C	FU06020G02R01
R-2	1711	918	07/16/07	WG	Temperature	24.7	deg C	FU070700G02R01
R-2	1711	918	01/11/08	WG	Turbidity	4.59	NTU	CAPU-08-9896
R-2	1711	918	04/17/07	WG	Turbidity	4.7	NTU	FU070400G02R01
R-2	1711	918	07/24/06	WG	Turbidity	7.64	NTU	FU060700G02R01
R-2	1711	918	02/27/06	WG	Turbidity	4.9	NTU	FU06020G02R01
R-2	1711	918	07/16/07	WG	Turbidity	4.11	NTU	FU070700G02R01
R-2	1711	918	01/11/08	WG	pH	7.48	SU	CAPU-08-9896
R-2	1711	918	04/17/07	WG	pH	7.5	SU	FU070400G02R01
R-2	1711	918	07/24/06	WG	pH	7.56	SU	FU060700G02R01
R-2	1711	918	02/27/06	WG	pH	7.46	SU	FU06020G02R01
R-2	1711	918	07/16/07	WG	pH	7.51	SU	FU070700G02R01
R-2	1711	918	02/27/06	WG	Iron	130	ug/L	FU06020G02R01
R-24	6321	825	05/10/06	WG	Alkalinity-CO3+HCO3	110	mg/L	FU060500GR2401
R-24	6321	825	01/22/08	WG	Dissolved Oxygen	3.4	mg/L	CAPU-08-9903
R-24	6321	825	04/16/07	WG	Dissolved Oxygen	1.8	mg/L	FU070400GR2401
R-24	6321	825	07/27/06	WG	Dissolved Oxygen	10.31	mg/L	FU060700GR2401
R-24	6321	825	05/10/06	WG	Dissolved Oxygen	1.82	mg/L	FU060500GR2401
R-24	6321	825	07/18/07	WG	Dissolved Oxygen	1.53	mg/L	FU070700GR2401
R-24	6321	825	01/22/08	WG	Oxidation-Reduction Potential	360	mV	CAPU-08-9903
R-24	6321	825	04/16/07	WG	Oxidation-Reduction Potential	-115.1	mV	FU070400GR2401
R-24	6321	825	07/27/06	WG	Oxidation-Reduction Potential	-10.9	mV	FU060700GR2401
R-24	6321	825	05/10/06	WG	Oxidation-Reduction Potential	203.4	mV	FU060500GR2401

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-24	6321	825	07/18/07	WG	Oxidation-Reduction Potential	219	mV	FU070700GR2401
R-24	6321	825	01/22/08	WG	Purge Volume	4.5	gal.	CAPU-08-9903
R-24	6321	825	07/18/07	WG	Purge Volume	300	gal.	FU070700GR2401
R-24	6321	825	01/22/08	WG	Specific Conductance	212	µS/cm	CAPU-08-9903
R-24	6321	825	04/16/07	WG	Specific Conductance	247	µS/cm	FU070400GR2401
R-24	6321	825	07/27/06	WG	Specific Conductance	252	µS/cm	FU060700GR2401
R-24	6321	825	05/10/06	WG	Specific Conductance	292	µS/cm	FU060500GR2401
R-24	6321	825	07/18/07	WG	Specific Conductance	248	µS/cm	FU070700GR2401
R-24	6321	825	01/22/08	WG	Temperature	28.3	deg C	CAPU-08-9903
R-24	6321	825	04/16/07	WG	Temperature	29	deg C	FU070400GR2401
R-24	6321	825	07/27/06	WG	Temperature	28.7	deg C	FU060700GR2401
R-24	6321	825	05/10/06	WG	Temperature	28.1	deg C	FU060500GR2401
R-24	6321	825	07/18/07	WG	Temperature	29.9	deg C	FU070700GR2401
R-24	6321	825	01/22/08	WG	Turbidity	1.09	NTU	CAPU-08-9903
R-24	6321	825	04/16/07	WG	Turbidity	0.55	NTU	FU070400GR2401
R-24	6321	825	07/27/06	WG	Turbidity	0.67	NTU	FU060700GR2401
R-24	6321	825	05/10/06	WG	Turbidity	4.05	NTU	FU060500GR2401
R-24	6321	825	07/18/07	WG	Turbidity	0.58	NTU	FU070700GR2401
R-24	6321	825	01/22/08	WG	pH	8.1	SU	CAPU-08-9903
R-24	6321	825	04/16/07	WG	pH	7.7	SU	FU070400GR2401
R-24	6321	825	07/27/06	WG	pH	7.86	SU	FU060700GR2401
R-24	6321	825	05/10/06	WG	pH	7.74	SU	FU060500GR2401
R-24	6321	825	07/18/07	WG	pH	7.9	SU	FU070700GR2401
R-24	6321	825	05/10/06	WG	Iron	20	ug/L	FU060500GR2401
R-3i	7701	215.2	01/11/07	WG	Alkalinity-CO3+HCO3	106	mg/L	FU061000G3iR01
R-3i	7701	215.2	08/10/06	WG	Alkalinity-CO3+HCO3	145	mg/L	FU060700G3iR01
R-3i	7701	215.2	01/16/08	WG	Dissolved Oxygen	7.4	mg/L	CAPU-08-10315
R-3i	7701	215.2	01/11/07	WG	Dissolved Oxygen	7.35	mg/L	FU061000G3iR01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-3i	7701	215.2	08/10/06	WG	Dissolved Oxygen	6.3	mg/L	FU060700G3iR01
R-3i	7701	215.2	07/20/07	WG	Dissolved Oxygen	5.11	mg/L	FU070700G3iR01
R-3i	7701	215.2	04/09/07	WG	Dissolved Oxygen	7.3	mg/L	FU070400G3iR01
R-3i	7701	215.2	01/16/08	WG	Oxidation-Reduction Potential	270	mV	CAPU-08-10315
R-3i	7701	215.2	01/11/07	WG	Oxidation-Reduction Potential	68.3	mV	FU061000G3iR01
R-3i	7701	215.2	08/10/06	WG	Oxidation-Reduction Potential	89.5	mV	FU060700G3iR01
R-3i	7701	215.2	07/20/07	WG	Oxidation-Reduction Potential	234	mV	FU070700G3iR01
R-3i	7701	215.2	04/09/07	WG	Oxidation-Reduction Potential	257.7	mV	FU070400G3iR01
R-3i	7701	215.2	01/16/08	WG	Purge Volume	10	gal.	CAPU-08-10315
R-3i	7701	215.2	01/16/08	WG	Specific Conductance	485	µS/cm	CAPU-08-10315
R-3i	7701	215.2	01/11/07	WG	Specific Conductance	472	µS/cm	FU061000G3iR01
R-3i	7701	215.2	08/10/06	WG	Specific Conductance	467	µS/cm	FU060700G3iR01
R-3i	7701	215.2	07/20/07	WG	Specific Conductance	495	µS/cm	FU070700G3iR01
R-3i	7701	215.2	04/09/07	WG	Specific Conductance	473	µS/cm	FU070400G3iR01
R-3i	7701	215.2	01/16/08	WG	Temperature	13.2	deg C	CAPU-08-10315
R-3i	7701	215.2	01/11/07	WG	Temperature	13.9	deg C	FU061000G3iR01
R-3i	7701	215.2	08/10/06	WG	Temperature	19.8	deg C	FU060700G3iR01
R-3i	7701	215.2	07/20/07	WG	Temperature	20.8	deg C	FU070700G3iR01
R-3i	7701	215.2	04/09/07	WG	Temperature	13.3	deg C	FU070400G3iR01
R-3i	7701	215.2	01/16/08	WG	Turbidity	0.99	NTU	CAPU-08-10315
R-3i	7701	215.2	01/11/07	WG	Turbidity	0.77	NTU	FU061000G3iR01
R-3i	7701	215.2	08/10/06	WG	Turbidity	0.58	NTU	FU060700G3iR01
R-3i	7701	215.2	07/20/07	WG	Turbidity	4.6	NTU	FU070700G3iR01
R-3i	7701	215.2	04/09/07	WG	Turbidity	1.44	NTU	FU070400G3iR01
R-3i	7701	215.2	01/16/08	WG	pH	7.67	SU	CAPU-08-10315
R-3i	7701	215.2	01/11/07	WG	pH	7.51	SU	FU061000G3iR01
R-3i	7701	215.2	08/10/06	WG	pH	7.43	SU	FU060700G3iR01
R-3i	7701	215.2	07/20/07	WG	pH	7.43	SU	FU070700G3iR01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-3i	7701	215.2	04/09/07	WG	pH	7.52	SU	FU070400G3iR01
R-4	1721	792.9	02/28/06	WG	Alkalinity-CO3+HCO3	73	mg/L	FU06020G04R01
R-4	1721	792.9	01/22/08	WG	Dissolved Oxygen	5.4	mg/L	CAPU-08-9891
R-4	1721	792.9	04/17/07	WG	Dissolved Oxygen	2.5	mg/L	FU070400G04R01
R-4	1721	792.9	07/25/06	WG	Dissolved Oxygen	5.08	mg/L	FU060700G04R01
R-4	1721	792.9	02/28/06	WG	Dissolved Oxygen	1.54	mg/L	FU06020G04R01
R-4	1721	792.9	07/18/07	WG	Dissolved Oxygen	3.17	mg/L	FU070700G04R01
R-4	1721	792.9	01/22/08	WG	Oxidation-Reduction Potential	270	mV	CAPU-08-9891
R-4	1721	792.9	04/17/07	WG	Oxidation-Reduction Potential	-56.2	mV	FU070400G04R01
R-4	1721	792.9	07/25/06	WG	Oxidation-Reduction Potential	180.9	mV	FU060700G04R01
R-4	1721	792.9	02/28/06	WG	Oxidation-Reduction Potential	3.57	mV	FU06020G04R01
R-4	1721	792.9	07/18/07	WG	Oxidation-Reduction Potential	199	mV	FU070700G04R01
R-4	1721	792.9	01/22/08	WG	Purge Volume	3	gal.	CAPU-08-9891
R-4	1721	792.9	07/18/07	WG	Purge Volume	110	gal.	FU070700G04R01
R-4	1721	792.9	01/22/08	WG	Specific Conductance	147.9	µS/cm	CAPU-08-9891
R-4	1721	792.9	04/17/07	WG	Specific Conductance	160.2	µS/cm	FU070400G04R01
R-4	1721	792.9	07/25/06	WG	Specific Conductance	160.4	µS/cm	FU060700G04R01
R-4	1721	792.9	02/28/06	WG	Specific Conductance	182.9	µS/cm	FU06020G04R01
R-4	1721	792.9	07/18/07	WG	Specific Conductance	164.6	µS/cm	FU070700G04R01
R-4	1721	792.9	01/22/08	WG	Temperature	27.9	deg C	CAPU-08-9891
R-4	1721	792.9	04/17/07	WG	Temperature	24.4	deg C	FU070400G04R01
R-4	1721	792.9	07/25/06	WG	Temperature	25.4	deg C	FU060700G04R01
R-4	1721	792.9	02/28/06	WG	Temperature	23.5	deg C	FU06020G04R01
R-4	1721	792.9	07/18/07	WG	Temperature	25.9	deg C	FU070700G04R01
R-4	1721	792.9	01/22/08	WG	Turbidity	0.16	NTU	CAPU-08-9891
R-4	1721	792.9	04/17/07	WG	Turbidity	0.32	NTU	FU070400G04R01
R-4	1721	792.9	07/25/06	WG	Turbidity	0.12	NTU	FU060700G04R01
R-4	1721	792.9	02/28/06	WG	Turbidity	0.32	NTU	FU06020G04R01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-4	1721	792.9	07/18/07	WG	Turbidity	0.27	NTU	FU070700G04R01
R-4	1721	792.9	01/22/08	WG	pH	7.54	SU	CAPU-08-9891
R-4	1721	792.9	04/17/07	WG	pH	7.88	SU	FU070400G04R01
R-4	1721	792.9	07/25/06	WG	pH	7.9	SU	FU060700G04R01
R-4	1721	792.9	02/28/06	WG	pH	8.29	SU	FU06020G04R01
R-4	1721	792.9	07/18/07	WG	pH	7.85	SU	FU070700G04R01
R-5	2452	383.9	04/17/07	WG	Specific Conductance	215	µS/cm	FU07040G05R201
R-5	2452	383.9	07/25/06	WG	Specific Conductance	228	µS/cm	FU06070G05R201
R-5	2452	383.9	05/02/05	WG	Specific Conductance	261	µS/cm	FU0504G05R201
R-5	2452	383.9	07/16/07	WG	Specific Conductance	92.7	µS/cm	FU07070G05R201
R-5	2452	383.9	04/17/07	WG	pH	8.04	SU	FU07040G05R201
R-5	2452	383.9	07/25/06	WG	pH	7.87	SU	FU06070G05R201
R-5	2452	383.9	05/02/05	WG	pH	7.69	SU	FU0504G05R201
R-5	2452	383.9	07/16/07	WG	pH	8.03	SU	FU07070G05R201
R-5	2512	718.6	04/18/07	WG	Specific Conductance	249	µS/cm	FU07040G05R301
R-5	2512	718.6	07/26/06	WG	Specific Conductance	252	µS/cm	FU06070G05R301
R-5	2512	718.6	05/03/05	WG	Specific Conductance	270	µS/cm	FU0504G05R301
R-5	2512	718.6	07/17/07	WG	Specific Conductance	120.3	µS/cm	FU07070G05R301
R-5	2512	718.6	04/18/07	WG	pH	8.15	SU	FU07040G05R301
R-5	2512	718.6	07/26/06	WG	pH	8.12	SU	FU06070G05R301
R-5	2512	718.6	05/03/05	WG	pH	7.87	SU	FU0504G05R301
R-5	2512	718.6	07/17/07	WG	pH	8.13	SU	FU07070G05R301
R-5	2552	860.9	04/17/07	WG	Specific Conductance	222	µS/cm	FU07040G05R401
R-5	2552	860.9	07/27/06	WG	Specific Conductance	286	µS/cm	FU06070G05R401
R-5	2552	860.9	05/05/05	WG	Specific Conductance	254	µS/cm	FU0504G05R401
R-5	2552	860.9	07/16/07	WG	Specific Conductance	160.2	µS/cm	FU07070G05R401
R-5	2552	860.9	04/17/07	WG	pH	7.8	SU	FU07040G05R401
R-5	2552	860.9	07/27/06	WG	pH	7.53	SU	FU06070G05R401

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-5	2552	860.9	05/05/05	WG	pH	7.7	SU	FU0504G05R401
R-5	2552	860.9	07/16/07	WG	pH	8.08	SU	FU07070G05R401
R-6	5871	1205	01/17/08	WG	Dissolved Oxygen	4.1	mg/L	CALA-08-9939
R-6	5871	1205	04/12/07	WG	Dissolved Oxygen	4	mg/L	FU070400G06R01
R-6	5871	1205	07/26/06	WG	Dissolved Oxygen	3.8	mg/L	FU060700G06R01
R-6	5871	1205	05/11/06	WG	Dissolved Oxygen	2.33	mg/L	FU060500G06R01
R-6	5871	1205	07/17/07	WG	Dissolved Oxygen	3.09	mg/L	FU070700G06R01
R-6	5871	1205	01/17/08	WG	Oxidation-Reduction Potential	200	mV	CALA-08-9939
R-6	5871	1205	04/12/07	WG	Oxidation-Reduction Potential	197.6	mV	FU070400G06R01
R-6	5871	1205	07/26/06	WG	Oxidation-Reduction Potential	225.9	mV	FU060700G06R01
R-6	5871	1205	05/11/06	WG	Oxidation-Reduction Potential	232.6	mV	FU060500G06R01
R-6	5871	1205	07/17/07	WG	Oxidation-Reduction Potential	284	mV	FU070700G06R01
R-6	5871	1205	01/17/08	WG	Purge Volume	301.7	gal.	CALA-08-9939
R-6	5871	1205	07/17/07	WG	Purge Volume	160	gal.	FU070700G06R01
R-6	5871	1205	01/17/08	WG	Specific Conductance	144.9	µS/cm	CALA-08-9939
R-6	5871	1205	04/12/07	WG	Specific Conductance	143.1	µS/cm	FU070400G06R01
R-6	5871	1205	07/26/06	WG	Specific Conductance	152.8	µS/cm	FU060700G06R01
R-6	5871	1205	05/11/06	WG	Specific Conductance	156.3	µS/cm	FU060500G06R01
R-6	5871	1205	07/17/07	WG	Specific Conductance	149.5	µS/cm	FU070700G06R01
R-6	5871	1205	01/17/08	WG	Temperature	21	deg C	CALA-08-9939
R-6	5871	1205	04/12/07	WG	Temperature	20.4	deg C	FU070400G06R01
R-6	5871	1205	07/26/06	WG	Temperature	22.7	deg C	FU060700G06R01
R-6	5871	1205	05/11/06	WG	Temperature	22.1	deg C	FU060500G06R01
R-6	5871	1205	07/17/07	WG	Temperature	23.8	deg C	FU070700G06R01
R-6	5871	1205	01/17/08	WG	Turbidity	0.36	NTU	CALA-08-9939
R-6	5871	1205	04/12/07	WG	Turbidity	0.67	NTU	FU070400G06R01
R-6	5871	1205	07/26/06	WG	Turbidity	0.8	NTU	FU060700G06R01
R-6	5871	1205	05/11/06	WG	Turbidity	2.7	NTU	FU060500G06R01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-6	5871	1205	07/17/07	WG	Turbidity	0.8	NTU	FU070700G06R01
R-6	5871	1205	01/17/08	WG	pH	8.43	SU	CALA-08-9939
R-6	5871	1205	04/12/07	WG	pH	8.27	SU	FU070400G06R01
R-6	5871	1205	07/26/06	WG	pH	8.35	SU	FU060700G06R01
R-6	5871	1205	05/11/06	WG	pH	8.43	SU	FU060500G06R01
R-6	5871	1205	07/17/07	WG	pH	8.36	SU	FU070700G06R01
R-6i	5881	602	01/23/08	WG	Dissolved Oxygen	6.5	mg/L	CALA-08-9860
R-6i	5881	602	04/12/07	WG	Dissolved Oxygen	4.3	mg/L	FU070400G6IR01
R-6i	5881	602	07/26/06	WG	Dissolved Oxygen	6.27	mg/L	FU060700G6IR01
R-6i	5881	602	05/11/06	WG	Dissolved Oxygen	5.43	mg/L	FU060500G6IR01
R-6i	5881	602	07/17/07	WG	Dissolved Oxygen	3.81	mg/L	FU070700G6IR01
R-6i	5881	602	01/23/08	WG	Oxidation-Reduction Potential	208	mV	CALA-08-9860
R-6i	5881	602	04/12/07	WG	Oxidation-Reduction Potential	157.6	mV	FU070400G6IR01
R-6i	5881	602	07/26/06	WG	Oxidation-Reduction Potential	120.8	mV	FU060700G6IR01
R-6i	5881	602	05/11/06	WG	Oxidation-Reduction Potential	90.6	mV	FU060500G6IR01
R-6i	5881	602	07/17/07	WG	Oxidation-Reduction Potential	157	mV	FU070700G6IR01
R-6i	5881	602	01/23/08	WG	Purge Volume	4.6	gal.	CALA-08-9860
R-6i	5881	602	07/17/07	WG	Purge Volume	80	gal.	FU070700G6IR01
R-6i	5881	602	01/23/08	WG	Specific Conductance	238	µS/cm	CALA-08-9860
R-6i	5881	602	04/12/07	WG	Specific Conductance	241	µS/cm	FU070400G6IR01
R-6i	5881	602	07/26/06	WG	Specific Conductance	256	µS/cm	FU060700G6IR01
R-6i	5881	602	05/11/06	WG	Specific Conductance	257	µS/cm	FU060500G6IR01
R-6i	5881	602	07/17/07	WG	Specific Conductance	252	µS/cm	FU070700G6IR01
R-6i	5881	602	01/23/08	WG	Temperature	16.4	deg C	CALA-08-9860
R-6i	5881	602	04/12/07	WG	Temperature	13.6	deg C	FU070400G6IR01
R-6i	5881	602	07/26/06	WG	Temperature	18.6	deg C	FU060700G6IR01
R-6i	5881	602	05/11/06	WG	Temperature	17.9	deg C	FU060500G6IR01
R-6i	5881	602	07/17/07	WG	Temperature	19.5	deg C	FU070700G6IR01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-6i	5881	602	01/23/08	WG	Turbidity	0.79	NTU	CALA-08-9860
R-6i	5881	602	04/12/07	WG	Turbidity	1.48	NTU	FU070400G6IR01
R-6i	5881	602	07/26/06	WG	Turbidity	1.03	NTU	FU060700G6IR01
R-6i	5881	602	05/11/06	WG	Turbidity	1.71	NTU	FU060500G6IR01
R-6i	5881	602	07/17/07	WG	Turbidity	0.81	NTU	FU070700G6IR01
R-6i	5881	602	01/23/08	WG	pH	7.38	SU	CALA-08-9860
R-6i	5881	602	04/12/07	WG	pH	7.34	SU	FU070400G6IR01
R-6i	5881	602	07/26/06	WG	pH	7.36	SU	FU060700G6IR01
R-6i	5881	602	05/11/06	WG	pH	7.2	SU	FU060500G6IR01
R-6i	5881	602	07/17/07	WG	pH	7.29	SU	FU070700G6IR01
R-7	1442	915.1	02/21/02	WG	Dissolved Oxygen	1.4	mg/L	GW07-02-0004
R-7	1442	915.1	01/23/08	WG	Dissolved Oxygen	3.8	mg/L	CALA-08-9933
R-7	1442	915.1	04/26/05	WG	Dissolved Oxygen	5.3	mg/L	FU0504G07R301
R-7	1442	915.1	08/06/02	WG	Dissolved Oxygen	3.98	mg/L	GU0207G07R301
R-7	1442	915.1	01/23/08	WG	Specific Conductance	224	µS/cm	CALA-08-9933
R-7	1442	915.1	04/13/07	WG	Specific Conductance	105.5	µS/cm	FU07040G07R301
R-7	1442	915.1	07/31/06	WG	Specific Conductance	106.3	µS/cm	FU06070G07R301
R-7	1442	915.1	04/26/05	WG	Specific Conductance	108.3	µS/cm	FU0504G07R301
R-7	1442	915.1	07/31/07	WG	Specific Conductance	104.9	µS/cm	FU07070G07R301
R-7	1442	915.1	01/23/08	WG	Temperature	12	deg C	CALA-08-9933
R-7	1442	915.1	04/13/07	WG	Temperature	12.2	deg C	FU07040G07R301
R-7	1442	915.1	07/31/06	WG	Temperature	18.2	deg C	FU06070G07R301
R-7	1442	915.1	04/26/05	WG	Temperature	15.5	deg C	FU0504G07R301
R-7	1442	915.1	07/31/07	WG	Temperature	23.2	deg C	FU07070G07R301
R-7	1442	915.1	01/23/08	WG	Turbidity	1.52	NTU	CALA-08-9933
R-7	1442	915.1	04/13/07	WG	Turbidity	2.64	NTU	FU07040G07R301
R-7	1442	915.1	07/31/06	WG	Turbidity	0.99	NTU	FU06070G07R301
R-7	1442	915.1	04/26/05	WG	Turbidity	1.25	NTU	FU0504G07R301

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-7	1442	915.1	07/31/07	WG	Turbidity	0.4	NTU	FU07070G07R301
R-7	1442	915.1	01/23/08	WG	pH	6.65	SU	CALA-08-9933
R-7	1442	915.1	04/13/07	WG	pH	6.55	SU	FU07040G07R301
R-7	1442	915.1	07/31/06	WG	pH	6.85	SU	FU06070G07R301
R-7	1442	915.1	04/26/05	WG	pH	7.09	SU	FU0504G07R301
R-7	1442	915.1	07/31/07	WG	pH	6.87	SU	FU07070G07R301
R-8	2302	711.1	01/16/08	WG	Dissolved Oxygen	9.1	mg/L	CALA-08-9947
R-8	2302	711.1	04/27/05	WG	Dissolved Oxygen	7.5	mg/L	FU0504G08R101
R-8	2302	711.1	08/24/04	WG	Dissolved Oxygen	11	mg/L	GU0407G08R101
R-8	2302	711.1	04/26/04	WG	Dissolved Oxygen	6.5	mg/L	GU0404G08R101
R-8	2302	711.1	02/25/04	WG	Dissolved Oxygen	9.5	mg/L	GU0402G08R101
R-8	2302	711.1	01/16/08	WG	Specific Conductance	136.3	µS/cm	CALA-08-9947
R-8	2302	711.1	04/10/07	WG	Specific Conductance	138.9	µS/cm	FU07040G08R101
R-8	2302	711.1	08/01/06	WG	Specific Conductance	126.2	µS/cm	FU06070G08R101
R-8	2302	711.1	04/27/05	WG	Specific Conductance	149.5	µS/cm	FU0504G08R101
R-8	2302	711.1	07/24/07	WG	Specific Conductance	112	µS/cm	FU07070G08R101
R-8	2302	711.1	01/16/08	WG	Temperature	17.3	deg C	CALA-08-9947
R-8	2302	711.1	04/10/07	WG	Temperature	19.8	deg C	FU07040G08R101
R-8	2302	711.1	08/01/06	WG	Temperature	22.5	deg C	FU06070G08R101
R-8	2302	711.1	04/27/05	WG	Temperature	19.9	deg C	FU0504G08R101
R-8	2302	711.1	07/24/07	WG	Temperature	23.1	deg C	FU07070G08R101
R-8	2302	711.1	01/16/08	WG	Turbidity	0.65	NTU	CALA-08-9947
R-8	2302	711.1	04/10/07	WG	Turbidity	0.17	NTU	FU07040G08R101
R-8	2302	711.1	08/01/06	WG	Turbidity	0.15	NTU	FU06070G08R101
R-8	2302	711.1	04/27/05	WG	Turbidity	0.13	NTU	FU0504G08R101
R-8	2302	711.1	07/24/07	WG	Turbidity	0.28	NTU	FU07070G08R101
R-8	2302	711.1	01/16/08	WG	pH	8.41	SU	CALA-08-9947
R-8	2302	711.1	04/10/07	WG	pH	8.19	SU	FU07040G08R101

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-8	2302	711.1	08/01/06	WG	pH	8.3	SU	FU06070G08R101
R-8	2302	711.1	04/27/05	WG	pH	8.3	SU	FU0504G08R101
R-8	2302	711.1	07/24/07	WG	pH	8.35	SU	FU07070G08R101
R-8	2372	825	01/15/08	WG	Dissolved Oxygen	9.1	mg/L	CALA-08-9940
R-8	2372	825	04/28/05	WG	Dissolved Oxygen	8.7	mg/L	FU0504G08R201
R-8	2372	825	08/25/04	WG	Dissolved Oxygen	6.5	mg/L	GU0407G08R201
R-8	2372	825	02/23/04	WG	Dissolved Oxygen	3.2	mg/L	GU0402G08R201
R-8	2372	825	01/15/08	WG	Specific Conductance	165.3	µS/cm	CALA-08-9940
R-8	2372	825	04/10/07	WG	Specific Conductance	178.7	µS/cm	FU07040G08R201
R-8	2372	825	08/02/06	WG	Specific Conductance	151.6	µS/cm	FU06070G08R201
R-8	2372	825	04/28/05	WG	Specific Conductance	183.5	µS/cm	FU0504G08R201
R-8	2372	825	07/25/07	WG	Specific Conductance	164.4	µS/cm	FU07070G08R201
R-8	2372	825	01/15/08	WG	Temperature	14.8	deg C	CALA-08-9940
R-8	2372	825	04/10/07	WG	Temperature	20.2	deg C	FU07040G08R201
R-8	2372	825	08/02/06	WG	Temperature	24.2	deg C	FU06070G08R201
R-8	2372	825	04/28/05	WG	Temperature	19.2	deg C	FU0504G08R201
R-8	2372	825	07/25/07	WG	Temperature	23.3	deg C	FU07070G08R201
R-8	2372	825	01/15/08	WG	Turbidity	0.65	NTU	CALA-08-9940
R-8	2372	825	04/10/07	WG	Turbidity	0.17	NTU	FU07040G08R201
R-8	2372	825	08/02/06	WG	Turbidity	0.22	NTU	FU06070G08R201
R-8	2372	825	04/28/05	WG	Turbidity	0.75	NTU	FU0504G08R201
R-8	2372	825	07/25/07	WG	Turbidity	0.4	NTU	FU07070G08R201
R-8	2372	825	01/15/08	WG	pH	8.92	SU	CALA-08-9940
R-8	2372	825	04/10/07	WG	pH	8.63	SU	FU07040G08R201
R-8	2372	825	08/02/06	WG	pH	9.09	SU	FU06070G08R201
R-8	2372	825	04/28/05	WG	pH	9.26	SU	FU0504G08R201
R-8	2372	825	07/25/07	WG	pH	9.03	SU	FU07070G08R201
R-9	1731	684	01/10/08	WG	Dissolved Oxygen	5.2	mg/L	CALA-08-9875

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-9	1731	684	04/28/05	WG	Dissolved Oxygen	6.23	mg/L	FU05040G09R02
R-9	1731	684	04/06/05	WG	Dissolved Oxygen	4.22	mg/L	FU05040G09R01
R-9	1731	684	07/19/07	WG	Dissolved Oxygen	3.12	mg/L	FU070700G09R01
R-9	1731	684	04/10/07	WG	Dissolved Oxygen	4.5	mg/L	FU070400G09R01
R-9	1731	684	01/10/08	WG	Oxidation-Reduction Potential	434	mV	CALA-08-9875
R-9	1731	684	07/19/07	WG	Oxidation-Reduction Potential	235	mV	FU070700G09R01
R-9	1731	684	04/10/07	WG	Oxidation-Reduction Potential	272	mV	FU070400G09R01
R-9	1731	684	01/10/08	WG	Purge Volume	7	gal.	CALA-08-9875
R-9	1731	684	07/19/07	WG	Purge Volume	200	gal.	FU070700G09R01
R-9	1731	684	01/10/08	WG	Specific Conductance	231	µS/cm	CALA-08-9875
R-9	1731	684	04/28/05	WG	Specific Conductance	257.9	µS/cm	FU05040G09R02
R-9	1731	684	07/19/07	WG	Specific Conductance	144.5	µS/cm	FU070700G09R01
R-9	1731	684	04/10/07	WG	Specific Conductance	213	µS/cm	FU070400G09R01
R-9	1731	684	01/10/08	WG	Temperature	21.5	deg C	CALA-08-9875
R-9	1731	684	04/28/05	WG	Temperature	22.27	deg C	FU05040G09R02
R-9	1731	684	04/06/05	WG	Temperature	22.1	deg C	FU05040G09R01
R-9	1731	684	07/19/07	WG	Temperature	23.1	deg C	FU070700G09R01
R-9	1731	684	04/10/07	WG	Temperature	20.9	deg C	FU070400G09R01
R-9	1731	684	01/10/08	WG	Turbidity	0.27	NTU	CALA-08-9875
R-9	1731	684	04/28/05	WG	Turbidity	3.6	NTU	FU05040G09R02
R-9	1731	684	03/19/05	WG	Turbidity	0.31	NTU	FU05030G09R01
R-9	1731	684	07/19/07	WG	Turbidity	0.2	NTU	FU070700G09R01
R-9	1731	684	04/10/07	WG	Turbidity	2.28	NTU	FU070400G09R01
R-9	1731	684	01/10/08	WG	pH	8.06	SU	CALA-08-9875
R-9	1731	684	04/28/05	WG	pH	7.8	SU	FU05040G09R02
R-9	1731	684	07/19/07	WG	pH	8.08	SU	FU070700G09R01
R-9	1731	684	04/10/07	WG	pH	8.06	SU	FU070400G09R01
R-9i	552	198.8	01/22/08	WG	Dissolved Oxygen	3.1	mg/L	CALA-08-9935

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-9i	552	198.8	04/29/05	WG	Dissolved Oxygen	8.2	mg/L	FU0504G9iR101
R-9i	552	198.8	08/02/02	WG	Dissolved Oxygen	3.66	mg/L	GU0208G9iR101
R-9i	552	198.8	01/22/08	WG	Specific Conductance	269	µS/cm	CALA-08-9935
R-9i	552	198.8	08/10/06	WG	Specific Conductance	282	µS/cm	FU06070G9iR101
R-9i	552	198.8	04/29/05	WG	Specific Conductance	315	µS/cm	FU0504G9iR101
R-9i	552	198.8	06/02/04	WG	Specific Conductance	269	µS/cm	GU0405G9iR101
R-9i	552	198.8	07/27/07	WG	Specific Conductance	351	µS/cm	FU07070G9iR101
R-9i	552	198.8	01/22/08	WG	Temperature	11.6	deg C	CALA-08-9935
R-9i	552	198.8	08/10/06	WG	Temperature	17.6	deg C	FU06070G9iR101
R-9i	552	198.8	04/29/05	WG	Temperature	11.7	deg C	FU0504G9iR101
R-9i	552	198.8	06/02/04	WG	Temperature	18.6	deg C	GU0405G9iR101
R-9i	552	198.8	07/27/07	WG	Temperature	21.7	deg C	FU07070G9iR101
R-9i	552	198.8	01/22/08	WG	Turbidity	0.39	NTU	CALA-08-9935
R-9i	552	198.8	08/10/06	WG	Turbidity	0.2	NTU	FU06070G9iR101
R-9i	552	198.8	04/29/05	WG	Turbidity	0.79	NTU	FU0504G9iR101
R-9i	552	198.8	06/02/04	WG	Turbidity	0.3	NTU	GU0405G9iR101
R-9i	552	198.8	07/27/07	WG	Turbidity	1.46	NTU	FU07070G9iR101
R-9i	552	198.8	01/22/08	WG	pH	6.81	SU	CALA-08-9935
R-9i	552	198.8	08/10/06	WG	pH	7.23	SU	FU06070G9iR101
R-9i	552	198.8	04/29/05	WG	pH	8.03	SU	FU0504G9iR101
R-9i	552	198.8	06/02/04	WG	pH	7.35	SU	GU0405G9iR101
R-9i	552	198.8	07/27/07	WG	pH	7.86	SU	FU07070G9iR101
R-9i	602	278.8	01/22/08	WG	Dissolved Oxygen	3.7	mg/L	CALA-08-9936
R-9i	602	278.8	07/29/02	WG	Dissolved Oxygen	2.34	mg/L	FU0207G9iR201
R-9i	602	278.8	01/22/08	WG	Specific Conductance	167.3	µS/cm	CALA-08-9936
R-9i	602	278.8	08/10/06	WG	Specific Conductance	183.7	µS/cm	FU06070G9iR201
R-9i	602	278.8	02/06/04	WG	Specific Conductance	262	µS/cm	GU0311G9iR201
R-9i	602	278.8	07/29/02	WG	Specific Conductance	184	µS/cm	FU0207G9iR201

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-9i	602	278.8	07/27/07	WG	Specific Conductance	236	µS/cm	FU07070G9iR201
R-9i	602	278.8	01/22/08	WG	Temperature	13.5	deg C	CALA-08-9936
R-9i	602	278.8	08/10/06	WG	Temperature	17	deg C	FU06070G9iR201
R-9i	602	278.8	02/06/04	WG	Temperature	11.4	deg C	GU0311G9iR201
R-9i	602	278.8	07/29/02	WG	Temperature	23.2	deg C	FU0207G9iR201
R-9i	602	278.8	07/27/07	WG	Temperature	24.5	deg C	FU07070G9iR201
R-9i	602	278.8	01/22/08	WG	Turbidity	0.35	NTU	CALA-08-9936
R-9i	602	278.8	08/10/06	WG	Turbidity	0.49	NTU	FU06070G9iR201
R-9i	602	278.8	02/06/04	WG	Turbidity	0.76	NTU	GU0311G9iR201
R-9i	602	278.8	07/29/02	WG	Turbidity	0.89	NTU	FU0207G9iR201
R-9i	602	278.8	07/27/07	WG	Turbidity	0.34	NTU	FU07070G9iR201
R-9i	602	278.8	01/22/08	WG	pH	8.3	SU	CALA-08-9936
R-9i	602	278.8	08/10/06	WG	pH	7.27	SU	FU06070G9iR201
R-9i	602	278.8	02/06/04	WG	pH	7.35	SU	GU0311G9iR201
R-9i	602	278.8	07/29/02	WG	pH	7.14	SU	FU0207G9iR201
R-9i	602	278.8	07/27/07	WG	pH	7.96	SU	FU07070G9iR201

* — = None.

Appendix C

Groundwater-Level Measurements

Appendix D

Analytical Results

The following symbols, abbreviations, and acronyms are used throughout Appendix D.

—	none
*	(Inorganic) The result for this analyte in the Los Alamos National Laboratory (Laboratory) replicate analysis was outside acceptance criteria.
B	(Organic) This analyte was detected in the associated Laboratory method blank and the sample. (B) (Inorganic) The result for this analyte was greater than the instrument detection limit but less than the contract-required detection limit.
CS	client sample
CST	control sample triplicate
DUP	duplicate sample
E	(Organic) The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma–atomic emission spectroscopy). The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption) The result for this analyte failed one or more Contract Laboratory Program acceptance criteria as explained in the case narrative.
EES6	The Laboratory's Earth and Environmental Sciences Division (Hydrology, Geochemistry, and Geology Group)
EPA	U.S. Environmental Protection Agency
F	filtered
FD	field duplicate
FTB	field trip blank
GELC	General Engineering Laboratories
GEO	Geochron Analytical Laboratory
H	(Organic/Inorganic) The required extraction or analysis holding time for this result was exceeded.
HUFFMAN	Huffman Analytical Laboratory
Inorg	inorganic
J	(Organic/Inorganic) The required extraction or analysis holding time for this result was exceeded.
J-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.

LLEE	low-level electrolytic extraction
LT	(Rad) The result for this analyte is affected by spectral interference.
JN-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
JN+	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected positive bias.
MDA	material disposal area
MDL	method detection limit
Met	metals
mV	millivolt
n/a	not applicable
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PARA	Paragon Analytical Laboratory
R	rejected
Rad	radionuclides
STSL	Severn Trent St. Louis Analytical Laboratory
SV	semivolatile organics
TPU	total propagated uncertainty
U	not detected
UF	unfiltered
UMTL	University of Miami Tritium Laboratory
VOA	volatile organic analysis
WG	groundwater
WM	snowmelt
WP	persistent water
WS	surface water

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	90.6	—	—	0.73	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—*	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	91.1	—	—	0.73	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	188	—	—	0.725	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	209	—	—	0.725	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	31.8	—	—	0.725	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	10/06/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	132	—	—	1.45	mg/L	—	—	123208	GF04090G1PA01	GELC
APCO-1	5211	4.7	10/06/04	WG	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	132	—	—	1.45	mg/L	—	—	123208	GF04090G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	146	—	—	0.725	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.651	—	—	0.03	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.691	—	—	0.03	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	9.49	—	—	0.3	mg/L	—	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	10.8	—	—	0.3	mg/L	—	J	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	4.57	—	—	0.05	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	4.4	—	—	0.05	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	0.03	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24	—	—	0.03	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.6	—	—	0.03	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	39.5	—	—	0.036	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	0.036	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.6	—	—	0.036	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	24.5	—	—	0.03	mg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.9	—	—	0.03	mg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.1	—	—	0.03	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	42.6	—	—	0.036	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.7	—	—	0.036	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	29.2	—	—	0.036	mg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	50.9	—	—	0.33	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	49.2	—	—	0.33	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.2	—	—	0.66	mg/L	—	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44.7	—	—	0.33	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.7	—	—	0.33	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	49.5	—	—	0.265	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	35.3	—	—	0.33	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.529	—	—	0.033	mg/L	—	J-	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.519	—	—	0.033	mg/L	—	J-	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.591	—	—	0.033	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.416	—	—	0.033	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.616	—	—	0.033	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.583	—	—	0.03	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.605	—	—	0.033	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	80.1	—	—	0.43	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.6	—	—	0.43	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91.3	—	—	0.425	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	134	—	—	0.44	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72	—	—	0.085	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	95.3	—	—	0.085	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	81.2	—	—	0.43	mg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.8	—	—	0.43	mg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	93.2	—	—	0.425	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	144	—	—	0.44	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.8	—	—	0.085	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	97.1	—	—	0.085	mg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.81	—	—	0.085	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.8	—	—	0.085	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.47	—	—	0.085	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.53	—	—	0.085	mg/L	—	—	185012	GF070400G1PA01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.62	—	—	0.085	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.77	—	—	0.085	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.89	—	—	0.085	mg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.03	—	—	0.085	mg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.58	—	—	0.085	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.07	—	—	0.085	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.83	—	—	0.085	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.86	—	—	0.085	mg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	5.28	—	—	0.1	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	5.31	—	—	0.1	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.825	—	—	0.01	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.674	—	—	0.01	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	2.01	—	—	0.014	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.61	—	—	0.003	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	2.24	—	—	0.014	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	1.09	—	—	0.1	µg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.1	—	—	0.1	µg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4.42	—	—	4	µg/L	J	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.135	—	—	0.05	µg/L	J	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.0661	—	—	0.05	µg/L	J	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	10.3	—	—	0.05	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	10.3	—	—	0.05	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.2	—	—	0.05	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.2	—	—	0.05	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.6	—	—	0.05	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.2	—	—	0.05	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.7	—	—	0.05	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FB	Geninorg	SW-846:6010B	Potassium	—	0.0517	—	—	0.05	mg/L	J	J	08-526	CAPU-08-9779	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	10.3	—	—	0.05	mg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.7	—	—	0.05	mg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.3	—	—	0.05	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.5	—	—	0.05	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.8	—	—	0.05	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.2	—	—	0.05	mg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	80.5	—	—	0.032	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	63.4	—	—	0.032	mg/L	—	J	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70.4	—	—	0.032	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	65.6	—	—	0.032	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	106	—	—	0.032	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	63	—	—	0.045	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	62.5	—	—	0.045	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63	—	—	0.045	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.4	—	—	0.045	mg/L	E	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.4	—	—	0.045	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	74.7	—	—	0.045	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FB	Geninorg	SW-846:6010B	Sodium	—	0.265	—	—	0.045	mg/L	—	NQ	08-526	CAPU-08-9779	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	63.8	—	—	0.045	mg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.7	—	—	0.045	mg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	62.6	—	—	0.045	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.1	—	—	0.045	mg/L	E	J	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	53.1	—	—	0.045	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	77.4	—	—	0.045	mg/L	—	—	136321	GU05050G1PA01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	507	—	—	1	µS/cm	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	510	—	—	1	µS/cm	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	586	—	—	1	µS/cm	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	738	—	—	1	µS/cm	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	467	—	—	1	µS/cm	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	636	—	—	1	µS/cm	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	460	—	—	1	µS/cm	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	39	—	—	0.1	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	38.9	—	—	0.1	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.58	—	—	0.1	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	48.9	—	—	0.5	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.7	—	—	0.1	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.73	—	—	0.057	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.5	—	—	0.1	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	327	—	—	2.4	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	331	—	—	2.4	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	353	—	—	2.38	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	378	—	—	2.38	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	331	—	—	2.38	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	419	—	—	2.38	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	390	—	—	2.38	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	9.86	—	—	0.29	mg/L	—	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	10	—	—	0.145	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	6.61	—	—	0.1	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	15.4	—	—	0.1	mg/L	—	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.52	—	—	0.029	mg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.15	—	—	0.029	mg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	9.77	—	—	0.29	mg/L	—	J	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	11	—	—	0.145	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	5.92	—	—	0.1	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.1	—	—	0.074	mg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	5.25	—	—	0.33	mg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.11	—	—	0.33	mg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.6	—	—	0.66	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.72	—	—	0.33	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	17	—	—	1.65	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.06	—	—	0.024	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.03	—	—	0.024	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.94	—	—	0.024	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.77	—	—	0.024	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	5.63	—	—	0.1	mg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	6.93	—	—	0.25	mg/L	—	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	5.96	—	—	0.1	mg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.02	—	—	0.01	SU	H	J-	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.08	—	—	0.01	SU	H	J-	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.66	—	—	0.01	SU	H	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.42	—	—	0.01	SU	H	J	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.08	—	—	0.01	SU	H	J	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.68	—	—	0.01	SU	H	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.84	—	—	0.01	SU	H	J	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	92.9	—	—	68	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	71.8	—	—	68	µg/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1770	—	—	68	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	136321	GF05050G1PA01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	517	—	—	68	µg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	224	—	—	68	µg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	152	—	—	68	µg/L	J	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	101	—	—	68	µg/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	10400	—	—	68	µg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	203	—	—	68	µg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	3	—	—	1.5	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.9	—	—	1.5	µg/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	6.8	—	—	1.5	µg/L	—	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	5.1	—	—	1.5	µg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	—	9	—	—	6	µg/L	J	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	4.4	—	—	1.5	µg/L	J	J	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.6	—	—	1.5	µg/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	6.2	—	—	1.5	µg/L	—	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.4	—	—	1.5	µg/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	—	6.7	—	—	6	µg/L	J	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	12.7	—	—	1	µg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.4	—	—	1	µg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.1	—	—	1	µg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.6	—	—	1	µg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.9	—	—	1	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1	µg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	49.7	—	—	1	µg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.4	—	—	1	µg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34	—	—	1	µg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	46	—	—	1	µg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	54.5	—	—	1	µg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.3	—	—	1	µg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	278	—	—	10	µg/L	—	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	274	—	—	10	µg/L	—	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	369	—	—	10	µg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	331	—	—	10	µg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	289	—	—	10	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	277	—	—	10	µg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	276	—	—	10	µg/L	—	J	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	275	—	—	10	µg/L	—	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	371	—	—	10	µg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	355	—	—	10	µg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	302	—	—	10	µg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	270	—	—	10	µg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6020	Cadmium	—	0.15	—	—	0.11	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.16	—	—	0.11	µg/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.11	—	—	0.11	µg/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	UN	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.12	—	—	0.1	µg/L	J	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.12	—	—	0.1	µg/L	J	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6020	Cadmium	—	0.22	—	—	0.11	µg/L	J	J	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.21	—	—	0.11	µg/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.11	—	—	0.11	µg/L	U	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.11	—	—	0.1	µg/L	JN	J+	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.2	—	—	0.1	µg/L	J	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.14	—	—	0.1	µg/L	J	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.1	—	—	1	µg/L	J	J	08-526	CAPU-08-9775	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.8	—	—	1	µg/L	J	JN-	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	4.4	—	—	1	µg/L	J	U	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	5.1	—	—	1	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	7.3	—	—	1	µg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Cobalt	—	1.6	—	—	1	µg/L	J	J	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	4	—	—	1	µg/L	J	JN-	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	4	—	—	1	µg/L	J	U	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	4.4	—	—	1	µg/L	J	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	6.1	—	—	1	µg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Copper	—	6.2	—	—	3	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	6.1	—	—	3	µg/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.2	—	—	3	µg/L	J	J-	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	R	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	7.9	—	—	3	µg/L	J	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Copper	—	6.4	—	—	3	µg/L	J	J	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	6.7	—	—	3	µg/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.2	—	—	3	µg/L	J	J-	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.7	—	—	3	µg/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	13.3	—	—	3	µg/L	—	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.7	—	—	3	µg/L	J	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	82.2	—	—	25	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	76.3	—	—	25	µg/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1180	—	—	25	µg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1180	—	—	18	µg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1620	—	—	18	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1230	—	—	18	µg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	2850	—	—	25	µg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	583	—	—	25	µg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2380	—	—	25	µg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2110	—	—	18	µg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	6880	—	—	18	µg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3050	—	—	18	µg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6020	Lead	—	0.6	—	—	0.5	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.6	—	—	0.5	µg/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6020	Lead	—	1.3	—	—	0.5	µg/L	J	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6020	Lead	—	1.5	—	—	0.5	µg/L	J	J	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.91	—	—	0.5	µg/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.54	—	—	0.5	µg/L	J	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	7.5	—	—	0.5	µg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.68	—	—	0.5	µg/L	J	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	628	—	—	2	µg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	631	—	—	2	µg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3440	—	—	2	µg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5310	—	—	2	µg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1810	—	—	2	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6020	Manganese	—	3670	—	—	1	µg/L	E	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	1030	—	—	2	µg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	574	—	—	2	µg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3530	—	—	2	µg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5840	—	—	2	µg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1990	—	—	2	µg/L	—	—	168963	GU060700G1PA01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	3810	—	—	1	µg/L	E	J	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Molybdenum	—	3.8	—	—	2	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2	µg/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.5	—	—	2	µg/L	J	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	0.1	µg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Molybdenum	—	3.9	—	—	2	µg/L	J	J	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.7	—	—	2	µg/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2	µg/L	J	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2	µg/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.8	—	—	2	µg/L	J	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	0.1	µg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	µg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	µg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.7	—	—	0.5	µg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.5	—	—	0.5	µg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.3	—	—	0.5	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	8.3	—	—	1	µg/L	—	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	3.3	—	—	0.5	µg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.8	—	—	0.5	µg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.5	—	—	0.5	µg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.7	—	—	0.5	µg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.7	—	—	0.5	µg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	6.7	—	—	1	µg/L	—	U	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	56.6	—	—	0.032	mg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.4	—	—	0.032	mg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	96.7	—	—	1	µg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.6	—	—	1	µg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1	µg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	177	—	—	1	µg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	88.6	—	—	1	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1	µg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	105	—	—	1	µg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1	µg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1	µg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	191	—	—	1	µg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97.8	—	—	1	µg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1	µg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1	µg/L	J	J	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1	µg/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.2	—	—	1	µg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1	µg/L	J	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1	µg/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1	µg/L	J	JN-	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1	µg/L	J	J	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.6	—	—	1	µg/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1	µg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.9	—	—	1	µg/L	J	U	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	18.2	—	—	1	µg/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1	µg/L	J	JN-	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	16.3	—	—	2	µg/L	—	NQ	08-526	CAPU-08-9777	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.9	—	—	2	µg/L	—	NQ	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.3	—	—	2	µg/L	J	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.8	—	—	2	µg/L	J	U	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	13.7	—	—	2	µg/L	—	U	168963	GF060700G1PA01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.5	—	—	2	µg/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	16.8	—	—	2	µg/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.8	—	—	2	µg/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.4	—	—	2	µg/L	J	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.9	—	—	2	µg/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	37.1	—	—	2	µg/L	—	J+	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.6	—	—	2	µg/L	—	—	136321	GU05050G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.684	0.057333	0.418	—	pCi/L	—	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Rad	EPA:903.1	Radium-226	—	1.38	0.096667	0.41	—	pCi/L	—	NQ	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.804	0.073333	0.44	—	pCi/L	—	NQ	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	10/06/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.253	0.047333	0.447	—	pCi/L	U	U	123208	GU04090G1PA01	GELC
APCO-1	5211	4.7	10/06/04	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	—	0.714	0.061333	0.425	—	pCi/L	—	—	123208	GU04090G1PA01	GELC
APCO-1	5211	4.7	08/08/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.311	0.079333	0.34	—	pCi/L	U	U	85799	GU03080G1PA01	GELC
APCO-1	5211	4.7	08/08/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	10.8	1.776667	7.77	—	pCi/L	—	J	85799	GU03080G1PA01	GELC
APCO-1	5211	4.7	08/08/03	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	<	0.209	0.059333	0.244	—	pCi/L	U	—	85799	GU03080G1PA01	GELC
APCO-1	5211	4.7	08/08/03	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	<	3.15	2.34	12.3	—	pCi/L	U	—	85799	GU03080G1PA01	GELC
APCO-1	5211	4.7	11/15/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	1.01	1.286667	8.53	—	pCi/L	U	U	70712	GU02110G1PA01	GELC
APCO-1	5211	4.7	11/15/02	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0428	0.051333	0.604	—	pCi/L	U	U	70712	GU02110G1PA01	GELC
APCO-1	5211	4.7	11/15/02	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	<	-0.0396	0.035	0.476	—	pCi/L	U	—	70712	GU02110G1PA01	GELC
APCO-1	5211	4.7	11/15/02	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	—	17.7	2.093333	13.1	—	pCi/L	—	—	70712	GU02110G1PA01	GELC
APCO-1	5211	4.7	11/07/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	5.9	0.766667	9	—	pCi/L	U	U	179S	CAPU-01-0207	GELC
APCO-1	5211	4.7	04/03/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	2.53	1.143333	9.94	—	pCi/L	U	U	40296	GF01041G1PA	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	FD	Rad	EPA:904	Radium-228	<	0.773	0.1	0.9	—	pCi/L	U	U	08-526	CAPU-08-9778	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.121	0.07	0.75	—	pCi/L	U	U	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/08/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0.438	2.476667	16.7	—	pCi/L	U	U	85799	GU03080G1PA01	GELC
APCO-1	5211	4.7	08/08/03	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	6.28	3.633333	25.7	—	pCi/L	U	—	85799	GU03080G1PA01	GELC
APCO-1	5211	4.7	11/15/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	4.98	2.446667	14.8	—	pCi/L	U	U	70712	GU02110G1PA01	GELC
APCO-1	5211	4.7	11/15/02	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	9.93	3.766667	31.1	—	pCi/L	U	—	70712	GU02110G1PA01	GELC
APCO-1	5211	4.7	11/07/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	4.1	0.8	8.2	—	pCi/L	U	U	179S	CAPU-01-0208	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	43.5	—	—	0.73	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	68.3	—	—	0.725	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	36.2	—	—	0.725	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	68.7	—	—	0.725	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	69.2	—	—	0.725	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.042	—	—	0.03	mg/L	J	J-	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.045	—	—	0.03	mg/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.063	—	—	0.03	mg/L	—	J	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.104	—	—	0.01	mg/L	—	U, J-	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.084	—	—	0.01	mg/L	—	J-, U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	21.7	—	—	0.03	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	0.03	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	0.03	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.6	—	—	0.036	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	0.036	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	23.4	—	—	0.03	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	0.03	mg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	0.03	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	53.4	—	—	0.036	mg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.036	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	85.1	—	—	0.66	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	78.7	—	—	0.66	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	282	—	—	3.3	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	72.9	—	—	0.66	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	72.6	—	—	0.66	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.0161	—	—	0.0015	mg/L	—	—	202111	GU080100M05601	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00202	—	—	0.0015	mg/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	UJ	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	UJ	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:335.3	Cyanide, Amenable to Chlorination	—	0.01	—	—	0.0015	mg/L	—	J-	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.244	—	—	0.033	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.269	—	—	0.033	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.185	—	—	0.033	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.31	—	—	0.033	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.313	—	—	0.033	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.1	—	—	0.425	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	0.43	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	0.425	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	158	—	—	0.44	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.4	—	—	0.085	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.1	—	—	0.425	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	0.43	mg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	0.425	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	155	—	—	0.44	mg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	0.085	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	2.4	—	—	0.085	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.42	—	—	0.085	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.37	—	—	0.085	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.24	—	—	0.085	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.13	—	—	0.085	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.09	—	—	0.085	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.51	—	—	0.085	mg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.48	—	—	0.085	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.24	—	—	0.085	mg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.3	—	—	0.085	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.563	—	—	0.01	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.158	—	—	0.01	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.543	—	—	0.01	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.656	—	—	0.014	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.65	—	—	0.014	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.354	—	—	0.05	µg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.297	—	—	0.05	µg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.572	—	—	0.05	µg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.344	—	—	0.05	µg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	13.5	—	—	0.05	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.77	—	—	0.05	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.93	—	—	0.05	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.18	—	—	0.05	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.67	—	—	0.05	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	14.6	—	—	0.05	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.92	—	—	0.05	mg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.12	—	—	0.05	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.01	—	—	0.05	mg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.99	—	—	0.05	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	22.7	—	—	0.032	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	17.6	—	—	0.032	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	23.2	—	—	0.032	mg/L	—	J-	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29	—	—	0.032	mg/L	—	J-	168162	GU060700P05601	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	140	—	—	0.045	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.5	—	—	0.045	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	83.6	—	—	0.045	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	163	—	—	0.045	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	77.9	—	—	0.045	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	147	—	—	0.045	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	64	—	—	0.045	mg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	85.4	—	—	0.045	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	157	—	—	0.045	mg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	80.1	—	—	0.045	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	437	—	—	1	µS/cm	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	482	—	—	1	µS/cm	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1240	—	—	1	µS/cm	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	427	—	—	1	µS/cm	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	426	—	—	1	µS/cm	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.87	—	—	0.1	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.02	—	—	0.1	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	0.1	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.25	—	—	0.1	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.22	—	—	0.1	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	61.3	—	—	2.38	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.4	—	—	1.14	mg/L	J	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	5.6	—	—	1.14	mg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	2.85	—	—	2.85	mg/L	U	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	231	—	—	2.4	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	218	—	—	2.38	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	648	—	—	2.38	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	264	—	—	2.38	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	255	—	—	2.38	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.051	—	—	0.029	mg/L	J	JN-, J-	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	0.029	mg/L	U	UJ	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.129	—	—	0.01	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.846	—	—	0.029	mg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.039	—	—	0.029	mg/L	J	J-, JN-	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.058	—	—	0.058	mg/L	U	UJ	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.163	—	—	0.01	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.92	—	—	0.33	mg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4	—	—	0.33	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.49	—	—	0.33	mg/L	—	J	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.58	—	—	0.33	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.268	—	—	0.024	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.222	—	—	0.024	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.138	—	—	0.024	mg/L	—	U	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.327	—	—	0.01	mg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.36	—	—	0.01	mg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	36.8	—	—	1.1	mg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	6.87	—	—	0.01	SU	H	J-	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	0.01	SU	H	J	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	0.01	SU	H	J	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	0.01	SU	H	J	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.13	—	—	0.01	SU	H	J	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	596	—	—	68	µg/L	N	J+	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	244	—	—	68	µg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	—	712	—	—	68	µg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	UJ	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	390	—	—	68	µg/L	—	—	168162	GF060700P05601	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	3560	—	—	68	µg/L	N	J+	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	889	—	—	68	µg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1640	—	—	68	µg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	735	—	—	68	µg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1660	—	—	68	µg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Barium	—	70.2	—	—	1	µg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1	µg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	36.6	—	—	1	µg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	114	—	—	1	µg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	25	—	—	1	µg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	101	—	—	1	µg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.4	—	—	1	µg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.1	—	—	1	µg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	116	—	—	1	µg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.6	—	—	1	µg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	µg/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.11	—	—	0.11	µg/L	U	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.16	—	—	0.1	µg/L	J	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	—	0.17	—	—	0.11	µg/L	JN	J+	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	µg/L	U	U	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.11	—	—	0.11	µg/L	U	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.21	—	—	0.1	µg/L	J	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1	µg/L	U	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1	µg/L	U	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1	µg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	5.1	—	—	2.5	µg/L	J	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	2.5	µg/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1	µg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	1	—	—	1	µg/L	J	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.7	—	—	1	µg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Cobalt	—	4.1	—	—	1	µg/L	J	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	µg/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.3	—	—	1	µg/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	µg/L	U	U	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2	—	—	1	µg/L	J	JN-	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Copper	—	5.2	—	—	3	µg/L	J	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	R	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	9.9	—	—	3	µg/L	J	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	R	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Iron	—	363	—	—	25	µg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	117	—	—	25	µg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	324	—	—	25	µg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	UJ	184479	GF070400P05601	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	188	—	—	18	µg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	2430	—	—	25	µg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	571	—	—	25	µg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	667	—	—	25	µg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	542	—	—	18	µg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	824	—	—	18	µg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Lead	—	0.66	—	—	0.5	µg/L	JN	J-	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	µg/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Lead	—	1.3	—	—	0.5	µg/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	7.2	—	—	0.5	µg/L	N	J-	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	2.3	—	—	0.5	µg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Lead	—	2.2	—	—	0.5	µg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	3.4	—	—	0.5	µg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	0.84	—	—	0.5	µg/L	J	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	51.4	—	—	2	µg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.6	—	—	2	µg/L	J	J	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.3	—	—	2	µg/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	87.4	—	—	2	µg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.2	—	—	2	µg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.8	—	—	2	µg/L	J	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.6	—	—	2	µg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.8	—	—	2	µg/L	J	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	2.1	—	—	0.5	µg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.99	—	—	0.5	µg/L	J	J	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	µg/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.3	—	—	0.5	µg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.92	—	—	0.5	µg/L	J	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	3.9	—	—	0.5	µg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	0.5	µg/L	J	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	0.5	µg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	18.7	—	—	0.032	mg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.3	—	—	1	µg/L	—	NQ	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.4	—	—	1	µg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	306	—	—	1	µg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.9	—	—	1	µg/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80	—	—	1	µg/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	82.4	—	—	1	µg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	300	—	—	1	µg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.7	—	—	1	µg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Uranium	<	0.25	—	—	0.05	µg/L	—	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.11	—	—	0.05	µg/L	J	U	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.63	—	—	0.05	µg/L	—	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.38	—	—	0.05	µg/L	—	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	0.05	µg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.24	—	—	0.05	µg/L	—	U	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.87	—	—	0.05	µg/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.8	—	—	1	µg/L	J	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1	µg/L	J	J	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.2	—	—	1	µg/L	J	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	µg/L	J	JN-	184479	GF070400P05601	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1	µg/L	J	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	5.7	—	—	1	µg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.1	—	—	1	µg/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.2	—	—	1	µg/L	J	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1	µg/L	J	JN-	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1	µg/L	J	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	43.7	—	—	2	µg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.6	—	—	2	µg/L	J	J	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.2	—	—	2	µg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.7	—	—	2	µg/L	J	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.8	—	—	2	µg/L	J	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	91.6	—	—	2	µg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.9	—	—	2	µg/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.5	—	—	2	µg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.8	—	—	2	µg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8	—	—	2	µg/L	J	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0045	0.004367	0.0518	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.0188	0.00248	0.0227	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0446	0.004233	0.0307	—	pCi/L	—	J	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0864	0.0056	0.0446	—	pCi/L	—	J	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Americium-241	—	0.051	0.003933	0.0253	—	pCi/L	—	J	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.74	0.733333	7.52	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.93	0.506667	5.81	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.37	0.506667	3.83	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.62	0.44	3.91	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.66	0.36	3.58	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.62	0.44	3.91	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.66	0.36	3.58	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0164	0.66	6.35	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.896	0.52	5.59	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	4.17	0.833333	4.13	—	pCi/L	UI	R	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.811	0.45	4.75	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.1	0.36	4.6	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	2.32	0.305333	2.66	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:900	Gross alpha	<	1.06	0.164667	1.42	—	pCi/L	U	U, J-	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.43	0.393333	3.27	—	pCi/L	—	J	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.1	0.253667	1.97	—	pCi/L	—	J	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.797	0.210667	2.22	—	pCi/L	U	J-, U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	9.3	0.48	3.02	—	pCi/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:900	Gross beta	—	8.93	0.39	3.8	—	pCi/L	—	J	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	12.3	0.686667	3.76	—	pCi/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	12.5	0.626667	4.09	—	pCi/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	7.4	0.3	2.31	—	pCi/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.75	2.496667	25	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.93	2.186667	23.1	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.21	2.796667	24.4	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.47	3.5	31.2	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.69	2.54	26.6	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00175	0.00175	0.0336	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.000577	0.0166	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00196	0.00327	0.0359	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0072	0.002403	0.0346	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.00068	0.0196	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.387	0.0105	0.0308	—	pCi/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.76	0.016433	0.0193	—	pCi/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.598	0.013467	0.0422	—	pCi/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	1.39	0.0265	0.0317	—	pCi/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	1.4	0.0275	0.0229	—	pCi/L	—	—	168162	GU060700P05601	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.69	6.866667	71.4	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21.2	3.09	55.3	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-49.9	7.833333	39.2	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.6	5.566667	46	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29	4.5	58.5	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.287	0.063333	0.628	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.441	0.046667	0.36	—	pCi/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Rad	EPA:904	Radium-228	—	1.19	0.1	0.66	—	pCi/L	—	NQ	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	6.49	0.69	5.14	—	pCi/L	UI	R	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.233	0.47	5.44	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.545	0.44	4.4	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.359	0.433333	4.19	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.442	0.324333	4.04	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.666	0.041333	0.638	—	pCi/L	—	J	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.397	0.0286	0.639	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.468	0.031	0.285	—	pCi/L	—	J	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.182	0.0081	0.0348	—	pCi/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.418	0.014433	0.0609	—	pCi/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.48	0.0311	0.502	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.298	0.011533	0.0369	—	pCi/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.608	0.0181	0.0552	—	pCi/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	0.002313	0.0294	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.018	0.003633	0.0514	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0524	0.015433	0.249	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0228	0.00329	0.0311	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0131	0.0038	0.0465	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0946	0.005567	0.0469	—	pCi/L	—	J	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.216	0.009533	0.0648	—	pCi/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.282	0.024567	0.296	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.124	0.006867	0.0497	—	pCi/L	—	J	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.27	0.010433	0.0587	—	pCi/L	—	—	168162	GU060700P05601	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	64.4	—	—	0.73	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	95	—	—	0.725	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	92.4	—	—	0.725	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	88.8	—	—	0.725	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	72.3	—	—	1.45	mg/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	98.9	—	—	0.725	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.175	—	—	0.066	mg/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.111	—	—	0.066	mg/L	J	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	1.12	—	—	0.041	mg/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28	—	—	0.03	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25	—	—	0.03	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.1	—	—	0.036	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.036	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.5	—	—	0.03	mg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.8	—	—	0.03	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.7	—	—	0.036	mg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.036	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	113	—	—	0.66	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	101	—	—	0.66	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	175	—	—	1.32	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	48.1	—	—	0.33	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	180	—	—	2.65	mg/L	—	—	136047	GF05050GSPD01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	48.3	—	—	0.33	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.658	—	—	0.033	mg/L	—	J-	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.743	—	—	0.033	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.67	—	—	0.033	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.03	—	—	0.033	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.507	—	—	0.03	mg/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.05	—	—	0.033	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81.6	—	—	0.43	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.8	—	—	0.425	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	96.5	—	—	0.44	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	0.085	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	83.1	—	—	0.43	mg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	0.425	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	104	—	—	0.44	mg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	0.085	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.085	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.52	—	—	0.085	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	0.085	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.52	—	—	0.085	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	0.085	mg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.61	—	—	0.085	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.72	—	—	0.085	mg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.69	—	—	0.085	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.394	—	—	0.01	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.164	—	—	0.01	mg/L	—	J-	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.233	—	—	0.01	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.498	—	—	0.014	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	511	—	—	1.5	mg/L	—	J	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.452	—	—	0.014	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.232	—	—	0.05	µg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.228	—	—	0.05	µg/L	—	J	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.168	—	—	0.05	µg/L	J	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.26	—	—	0.05	µg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.507	—	—	0.05	µg/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.3	—	—	0.05	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.1	—	—	0.05	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	11	—	—	0.05	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.55	—	—	0.05	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.4	—	—	0.05	mg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.6	—	—	0.05	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.7	—	—	0.05	mg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.6	—	—	0.05	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	15.2	—	—	0.032	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	13.5	—	—	0.032	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	28.6	—	—	0.032	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	12.1	—	—	0.032	mg/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	0.032	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.3	—	—	0.045	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	89.1	—	—	0.045	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	114	—	—	0.045	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	62.2	—	—	0.045	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	68.3	—	—	0.045	mg/L	—	NQ	08-539	CALA-08-9811	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	93.1	—	—	0.045	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	98	—	—	0.045	mg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	61.5	—	—	0.045	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	544	—	—	1	µS/cm	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	600	—	—	1	µS/cm	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	850	—	—	1	µS/cm	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	366	—	—	1	µS/cm	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	789	—	—	1	µS/cm	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	368	—	—	1	µS/cm	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.2	—	—	0.1	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.44	—	—	0.1	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.66	—	—	0.1	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.46	—	—	0.1	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.22	—	—	0.057	mg/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.44	—	—	0.1	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	308	—	—	2.4	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	317	—	—	2.38	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	448	—	—	2.38	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	263	—	—	2.38	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	247	—	—	2.38	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	455	—	—	2.38	mg/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.091	—	—	0.029	mg/L	J	JN-	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	0.029	mg/L	U	UJ	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.124	—	—	0.01	mg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.166	—	—	0.01	mg/L	—	JN-	136047	GF05050GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.283	—	—	0.029	mg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.147	—	—	0.029	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	0.029	mg/L	U	UJ	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.132	—	—	0.01	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.81	—	—	0.074	mg/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.83	—	—	0.33	mg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.49	—	—	0.33	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.71	—	—	0.33	mg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.98	—	—	0.33	mg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	27.2	—	—	2.3	mg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	08/27/03	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	41.2	—	—	0.764	mg/L	—	—	87023	GU03080GSPD01	GELC
DP Spring	1341	0	04/03/01	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	1.6	—	—	1.4	mg/L	J	—	40296	GU01031GSDP	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	0.01	SU	H	J-	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.46	—	—	0.01	SU	H	J	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	0.01	SU	H	J	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	0.01	SU	H	J	168597	GF060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	0.01	SU	H	J	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	0.01	SU	H	J	168597	GU060700GSPD01	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	UJ	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2690	—	—	68	µg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	306	—	—	68	µg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	452	—	—	68	µg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	479	—	—	68	µg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4450	—	—	68	µg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	83.1	—	—	1	µg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	79.4	—	—	1	µg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	109	—	—	1	µg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.9	—	—	1	µg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85.8	—	—	1	µg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	83.2	—	—	1	µg/L	—	—	190152	GU070700GSPD01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	122	—	—	1	µg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	55.8	—	—	1	µg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	35.5	—	—	10	µg/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25.3	—	—	10	µg/L	J	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.2	—	—	10	µg/L	J	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	34.4	—	—	10	µg/L	J	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.8	—	—	10	µg/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.4	—	—	10	µg/L	J	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.2	—	—	10	µg/L	J	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.6	—	—	10	µg/L	J	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	25	µg/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1320	—	—	18	µg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	120	—	—	25	µg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	117	—	—	25	µg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	203	—	—	18	µg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2200	—	—	18	µg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.6	—	—	2	µg/L	J	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2	µg/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.8	—	—	2	µg/L	J	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.2	—	—	2	µg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.1	—	—	2	µg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2	µg/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	5	—	—	2	µg/L	J	U	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2	µg/L	J	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2	µg/L	J	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.6	—	—	2	µg/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.3	—	—	2	µg/L	J	U	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.5	—	—	2	µg/L	J	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.6	—	—	2	µg/L	J	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	µg/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	0.5	µg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	µg/L	J	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	µg/L	J	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	0.5	µg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	0.5	µg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	15.7	—	—	0.032	mg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1	µg/L	—	NQ	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1	µg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	201	—	—	1	µg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	74.4	—	—	1	µg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	165	—	—	1	µg/L	—	NQ	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1	µg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	220	—	—	1	µg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	74.8	—	—	1	µg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	µg/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.58	—	—	0.4	µg/L	J	—	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.3	—	—	0.3	µg/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	µg/L	U	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	168597	GU060700GSPD01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	1341	0	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1	µg/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	1341	0	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3	—	—	1	µg/L	J	—	190152	GF070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.5	—	—	1	µg/L	J	JN-	184649	GF070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1	µg/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1	µg/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	1341	0	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.7	—	—	1	µg/L	J	—	190152	GU070700GSPD01	GELC
DP Spring	1341	0	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.1	—	—	1	µg/L	J	—	184649	GU070400GSPD01	GELC
DP Spring	1341	0	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1	µg/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	1341	0	05/06/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.161	0.047	0.485	—	pCi/L	U	U	136047	GF05050GSPD01	GELC
DP Spring	1341	0	08/27/03	WG	F	CS	—	Rad	EPA:901.1	Radium-226	—	6.37	1.006667	5.52	—	pCi/L	—	J	87023	GF03080GSPD01	GELC
DP Spring	1341	0	08/27/03	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.268	0.033	0.219	—	pCi/L	—	J	87023	GF03080GSPD01	GELC
DP Spring	1341	0	06/22/01	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	-20	18.33333	91	—	pCi/L	U	U	9109R	CA21-01-0017	PARA
DP Spring	1341	0	04/03/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	—	5.33	0.86	4.34	—	pCi/L	—	J	40296	GF01031GSDP	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.632	0.076667	0.61	—	pCi/L	—	U	08-539	CALA-08-9811	GELC
DP Spring	1341	0	05/06/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.602	0.063333	0.502	—	pCi/L	—	J	136047	GU05050GSPD01	GELC
DP Spring	1341	0	06/22/01	WG	UF	CS	—	Rad	Gamma Spec	Radium-226	<	0	20	100	—	pCi/L	U	U	9109R	CA21-01-0018	PARA
DP Spring	1341	0	04/03/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.775	0.843333	3.61	—	pCi/L	U	U	40296	GU01031GSDP	GELC
DP Spring	1341	0	08/27/03	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	10.3	1.503333	14.6	—	pCi/L	U	U	87023	GF03080GSPD01	GELC
DP Spring	1341	0	04/03/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	6.45	0.816667	9.46	—	pCi/L	U	U	40296	GF01031GSDP	GELC
DP Spring	1341	0	01/18/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.14	0.04	0.42	—	pCi/L	U	U	08-539	CALA-08-9811	GELC
DP Spring	1341	0	04/03/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	1.4	0.646667	7	—	pCi/L	U	U	40296	GU01031GSDP	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	171	—	—	0.73	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	184	—	—	0.725	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	163	—	—	0.725	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	121	—	—	0.725	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	224	—	—	0.725	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.405	—	—	0.066	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.167	—	—	0.066	mg/L	J	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.117	—	—	0.066	mg/L	J	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.113	—	—	0.066	mg/L	J	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	EPA:300.0	Bromide	—	0.116	—	—	0.066	mg/L	J	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	113	—	—	0.03	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	89.4	—	—	0.03	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	76.5	—	—	0.036	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.5	—	—	0.036	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	109	—	—	0.03	mg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	87.9	—	—	0.03	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	72.3	—	—	0.036	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	55.3	—	—	0.036	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	313	—	—	3.3	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	251	—	—	1.32	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	255	—	—	3.3	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	73.2	—	—	0.66	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	73.2	—	—	0.66	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.791	—	—	0.033	mg/L	—	J-	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.935	—	—	0.033	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.837	—	—	0.033	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.17	—	—	0.033	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.1	—	—	0.033	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	324	—	—	0.43	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	259	—	—	0.425	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	221	—	—	0.44	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	156	—	—	0.085	mg/L	—	—	168081	GF060700P03901	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	313	—	—	0.43	mg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	254	—	—	0.425	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	209	—	—	0.44	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	159	—	—	0.085	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	10.2	—	—	0.085	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.62	—	—	0.085	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.2	—	—	0.085	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.94	—	—	0.085	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.93	—	—	0.085	mg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.47	—	—	0.085	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.83	—	—	0.085	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.01	—	—	0.085	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15	—	—	0.05	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.8	—	—	0.05	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15	—	—	0.05	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.2	—	—	0.05	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.7	—	—	0.05	mg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.6	—	—	0.05	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14	—	—	0.05	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.5	—	—	0.05	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29.4	—	—	0.032	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	20.3	—	—	0.032	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	25.9	—	—	0.032	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	26.5	—	—	0.032	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	155	—	—	0.045	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	139	—	—	0.225	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	168	—	—	0.045	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	89.8	—	—	0.045	mg/L	E	J	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	151	—	—	0.045	mg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	136	—	—	0.225	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	159	—	—	0.045	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	91.4	—	—	0.045	mg/L	E	J	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	547	—	—	1	µS/cm	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1310	—	—	1	µS/cm	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1350	—	—	1	µS/cm	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	766	—	—	1	µS/cm	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	764	—	—	1	µS/cm	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.53	—	—	0.1	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.34	—	—	0.1	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.9	—	—	0.1	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.52	—	—	0.1	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.55	—	—	0.1	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	906	—	—	2.4	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	745	—	—	2.38	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	764	—	—	2.38	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	430	—	—	2.38	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	438	—	—	2.38	mg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.113	—	—	0.029	mg/L	—	J-, JN-	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.2	—	—	0.029	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.248	—	—	0.01	mg/L	—	—	168081	GF060700P03901	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	9.29	—	—	0.29	mg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.159	—	—	0.029	mg/L	—	J-	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.194	—	—	0.029	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.406	—	—	0.01	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.61	—	—	0.33	mg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.14	—	—	0.33	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.74	—	—	0.33	mg/L	—	J	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.76	—	—	0.33	mg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	6	—	—	1.1	mg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.42	—	—	0.01	SU	H	J-	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	0.01	SU	H	J	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.03	—	—	0.01	SU	H	J	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	0.01	SU	H	J	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	UJ	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	186	—	—	68	µg/L	J	J	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	376	—	—	68	µg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	UJ	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	302	—	—	1	µg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	275	—	—	1	µg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	248	—	—	1	µg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	160	—	—	1	µg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	295	—	—	1	µg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	270	—	—	1	µg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	233	—	—	1	µg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	166	—	—	1	µg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	38	—	—	10	µg/L	J	J	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	65.1	—	—	10	µg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	40.9	—	—	10	µg/L	J	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	66.2	—	—	10	µg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.8	—	—	10	µg/L	J	J	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	61.7	—	—	10	µg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.4	—	—	10	µg/L	J	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	65.8	—	—	10	µg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.2	—	—	1	µg/L	J	J	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.7	—	—	1	µg/L	J	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1	µg/L	J	JN-	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1	µg/L	J	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1	µg/L	J	J	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	226	—	—	25	µg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	25	µg/L	U	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	96.9	—	—	18	µg/L	J	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	40.8	—	—	18	µg/L	J	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	344	—	—	25	µg/L	—	NQ	08-539	CALA-08-9841	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	257	—	—	25	µg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	121	—	—	18	µg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	442	—	—	18	µg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	1430	—	—	2	µg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	693	—	—	2	µg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	465	—	—	2	µg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	463	—	—	2	µg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1420	—	—	2	µg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	715	—	—	2	µg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	438	—	—	2	µg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	484	—	—	2	µg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.4	—	—	2	µg/L	J	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2	µg/L	J	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.9	—	—	2	µg/L	J	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2	µg/L	J	J	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4	—	—	2	µg/L	J	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2	µg/L	J	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	4.5	—	—	0.5	µg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	4.5	—	—	0.5	µg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	0.5	µg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	3.8	—	—	0.5	µg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.3	—	—	0.5	µg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	5	—	—	0.5	µg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	0.5	µg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.6	—	—	0.5	µg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	20.6	—	—	0.032	mg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	549	—	—	1	µg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	495	—	—	1	µg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	386	—	—	1	µg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	281	—	—	1	µg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	529	—	—	1	µg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	486	—	—	1	µg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	367	—	—	1	µg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	286	—	—	1	µg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	0.05	µg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.87	—	—	0.05	µg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	0.05	µg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	0.05	µg/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	0.05	µg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.77	—	—	0.05	µg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	0.05	µg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	0.05	µg/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.6	—	—	2	µg/L	—	NQ	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2	µg/L	J	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.6	—	—	2	µg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.8	—	—	2	µg/L	J	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.5	—	—	2	µg/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10	—	—	2	µg/L	J	—	184479	GU070400P03901	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	9.4	—	—	2	µg/L	J	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.68	0.126667	0.78	—	pCi/L	—	NQ	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Rad	EPA:904	Radium-228	—	0.821	0.073333	0.54	—	pCi/L	—	NQ	08-539	CALA-08-9841	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	59.7	—	—	0.73	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	59.3	—	—	0.725	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.03	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.2	—	—	0.036	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.03	mg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	0.036	mg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	32.7	—	—	0.33	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	35.8	—	—	0.33	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.232	—	—	0.033	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.271	—	—	0.033	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60	—	—	0.43	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	57.6	—	—	0.44	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	0.43	mg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.3	—	—	0.44	mg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.82	—	—	0.085	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	0.085	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.07	—	—	0.085	mg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.93	—	—	0.085	mg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.23	—	—	0.05	mg/L	J	J-	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.202	—	—	0.01	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.149	—	—	0.05	µg/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.139	—	—	0.05	µg/L	J	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.58	—	—	0.05	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.44	—	—	0.05	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.78	—	—	0.05	mg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.67	—	—	0.05	mg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	58.3	—	—	0.032	mg/L	—	J	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.1	—	—	0.045	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.7	—	—	0.045	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.7	—	—	0.045	mg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.9	—	—	0.045	mg/L	—	J	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	262	—	—	1	µS/cm	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	274	—	—	1	µS/cm	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.91	—	—	0.1	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.3	—	—	0.1	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	2.4	mg/L	—	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	178	—	—	2.38	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.31	—	—	0.33	mg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.56	—	—	0.33	mg/L	—	U	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.31	—	—	0.01	SU	H	J-	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.3	—	—	1.5	µg/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	UJ	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.4	—	—	1.5	µg/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	UJ	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.4	—	—	1	µg/L	—	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1	µg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1	µg/L	—	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1	µg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.7	—	—	10	µg/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	10	µg/L	J	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.2	—	—	10	µg/L	J	J	08-575	CALA-08-10317	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	10	µg/L	J	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	11	—	—	2.5	µg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	8.8	—	—	1	µg/L	—	J+	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	12.9	—	—	2.5	µg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	9.8	—	—	1	µg/L	—	J+	185087	GU070400G3PD01	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2	µg/L	J	U	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2	µg/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.6	—	—	2	µg/L	J	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	0.5	µg/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	0.5	µg/L	U	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.53	—	—	0.5	µg/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	0.5	µg/L	U	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.6	—	—	0.032	mg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1	µg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1	µg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	123	—	—	1	µg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1	µg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.41	—	—	0.4	µg/L	J	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.54	—	—	0.3	µg/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.92	—	—	0.05	µg/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.9	—	—	0.05	µg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.97	—	—	0.05	µg/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.9	—	—	0.05	µg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1	µg/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	µg/L	J	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.9	—	—	1	µg/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.7	—	—	1	µg/L	J	U	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.1	—	—	2	µg/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.3	—	—	2	µg/L	J	U	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.6	—	—	2	µg/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.6	—	—	2	µg/L	J	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00623	0.001633	0.038	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00438	0.0013	0.048	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.55	0.433333	4	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.974	0.433333	4.5	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.91	0.466667	5.1	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.98	0.566667	3.2	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	60	32	220	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.5	19.66667	240	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.05	3.133333	31	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.3	3.3	33	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00167	0.001467	0.031	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00345	0.001833	0.032	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00669	0.001133	0.036	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0008	0.037	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	19.3	4.666667	39	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	30.8	5.333333	54	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.237	0.036667	0.31	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.14	0.086667	0.63	—	pCi/L	—	NQ	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.18	0.466667	4.8	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.717	0.433333	4	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0375	0.036667	0.41	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.051	0.043333	0.48	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.393	0.011667	0.06	—	pCi/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.37	0.010667	0.059	—	pCi/L	—	NQ	08-575	CALA-08-10317	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0293	0.003167	0.03	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0163	0.001933	0.029	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.401	0.011667	0.036	—	pCi/L	—	NQ	08-575	CALA-08-10318	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.342	0.010333	0.034	—	pCi/L	—	NQ	08-575	CALA-08-10317	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	55.5	—	—	0.73	mg/L	—	NQ	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	67.8	—	—	0.725	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	51.4	—	—	0.725	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	86.3	—	—	0.725	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	86.3	—	—	0.725	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	53.7	—	—	0.66	mg/L	—	NQ	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	49.2	—	—	0.33	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44	—	—	0.33	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	50.2	—	—	0.66	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	52.1	—	—	0.66	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.176	—	—	0.033	mg/L	—	NQ	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.179	—	—	0.033	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.186	—	—	0.033	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.176	—	—	0.033	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.169	—	—	0.033	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.034	—	—	0.01	mg/L	J	J	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	0.01	mg/L	U	UJ	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.059	—	—	0.01	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.168	—	—	0.014	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.18	—	—	0.014	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.118	—	—	0.05	µg/L	J	J	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0509	—	—	0.05	µg/L	J	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.212	—	—	0.05	µg/L	—	J	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.0765	—	—	0.05	µg/L	J	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	45.7	—	—	0.032	mg/L	—	J	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	34.3	—	—	0.032	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	37.3	—	—	0.032	mg/L	N	J+	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	58.7	—	—	0.032	mg/L	N	J+	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	320	—	—	1	µS/cm	—	NQ	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	341	—	—	1	µS/cm	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	299	—	—	1	µS/cm	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	410	—	—	1	µS/cm	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1	µS/cm	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.58	—	—	0.1	mg/L	—	NQ	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.2	—	—	0.1	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.6	—	—	0.1	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.76	—	—	0.1	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.65	—	—	0.1	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.4	mg/L	—	NQ	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	246	—	—	2.38	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	182	—	—	2.38	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	230	—	—	2.38	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	236	—	—	2.38	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.077	—	—	0.029	mg/L	J	JN-	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.171	—	—	0.029	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.197	—	—	0.01	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.099	—	—	0.029	mg/L	J	J+	08-472	CALA-08-9739	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.085	—	—	0.029	mg/L	J	JN-	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.141	—	—	0.029	mg/L	—	JN-	184266	GU07040GLA0301	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.074	—	—	0.01	mg/L	J	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.48	—	—	0.33	mg/L	—	NQ	08-472	CALA-08-9739	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.89	—	—	0.33	mg/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.14	—	—	0.33	mg/L	—	—	184266	GU07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.33	—	—	0.33	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.032	—	—	0.024	mg/L	J	J	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.048	—	—	0.024	mg/L	J	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.051	—	—	0.024	mg/L	—	U	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.04	—	—	0.01	mg/L	J	U, J-	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.041	—	—	0.01	mg/L	J	U, J-	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.09	—	—	0.01	SU	H	J-	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	0.01	SU	H	J	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.11	—	—	0.01	SU	H	J	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.03	—	—	0.01	SU	H	J	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	27.6	—	—	0.032	mg/L	—	NQ	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	01/10/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.16	0.09	0.46	—	pCi/L	—	NQ	08-472	CALA-08-9739	GELC
LAO-0.3	5511	5.9	01/10/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.916	0.096667	0.77	—	pCi/L	—	NQ	08-472	CALA-08-9739	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	65.4	—	—	0.73	mg/L	—	NQ	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	67.8	—	—	0.725	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	72.4	—	—	0.725	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	116	—	—	0.725	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	113	—	—	0.725	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	54.4	—	—	0.66	mg/L	—	NQ	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	67.3	—	—	0.66	mg/L	—	J	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	73.1	—	—	0.66	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	61.8	—	—	0.66	mg/L	—	J	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	61.2	—	—	0.66	mg/L	—	J	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	0.033	mg/L	—	NQ	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	0.033	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.234	—	—	0.033	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.292	—	—	0.033	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.283	—	—	0.033	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.029	—	—	0.01	mg/L	J	J	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	0.01	mg/L	U	UJ	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.139	—	—	0.01	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.119	—	—	0.014	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.0837	—	—	0.014	mg/L	—	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.101	—	—	0.05	µg/L	J	J	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.148	—	—	0.05	µg/L	J	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	8.46	—	—	4	µg/L	J	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	7.3	—	—	0.5	µg/L	—	J	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	39.7	—	—	0.032	mg/L	—	J	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	31.8	—	—	0.032	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	39.3	—	—	0.032	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	40.2	—	—	0.032	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	338	—	—	1	µS/cm	—	NQ	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	413	—	—	1	µS/cm	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	462	—	—	1	µS/cm	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	459	—	—	1	µS/cm	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	471	—	—	1	µS/cm	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.28	—	—	0.1	mg/L	—	NQ	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.37	—	—	0.1	mg/L	—	—	189841	GF07070GLA0601	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.6	—	—	0.1	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.9	—	—	0.1	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.6	—	—	0.1	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	208	—	—	2.4	mg/L	—	NQ	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	265	—	—	2.38	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	265	—	—	2.38	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	305	—	—	2.38	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	300	—	—	2.38	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.058	—	—	0.029	mg/L	J	JN-	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.123	—	—	0.029	mg/L	—	JN-	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.101	—	—	0.01	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.101	—	—	0.029	mg/L	—	J+	08-472	CALA-08-9735	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.03	—	—	0.029	mg/L	J	JN-	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.108	—	—	0.029	mg/L	—	JN-	184079	GU07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.095	—	—	0.01	mg/L	J	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.57	—	—	0.33	mg/L	—	NQ	08-472	CALA-08-9735	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.94	—	—	0.33	mg/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.47	—	—	0.33	mg/L	—	—	184079	GU07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.87	—	—	0.33	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.061	—	—	0.024	mg/L	—	NQ	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.083	—	—	0.024	mg/L	—	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.049	—	—	0.024	mg/L	J	U	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.098	—	—	0.01	mg/L	—	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.083	—	—	0.01	mg/L	—	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.18	—	—	0.01	SU	H	J-	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	0.01	SU	H	J	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	0.01	SU	H	J	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.08	—	—	0.01	SU	H	J	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.93	—	—	0.01	SU	H	J	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	28.6	—	—	0.032	mg/L	—	NQ	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	01/10/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.22	0.11	0.76	—	pCi/L	—	NQ	08-472	CALA-08-9735	GELC
LAO-0.6	6701	8	01/10/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.144	0.07	0.73	—	pCi/L	U	U	08-472	CALA-08-9735	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	67	—	—	0.73	mg/L	—	NQ	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	55.8	—	—	0.725	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	64	—	—	0.725	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	57.9	—	—	1.45	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	80	—	—	1.45	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	80	—	—	1.45	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	58.9	—	—	0.33	mg/L	—	NQ	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	50	—	—	0.66	mg/L	—	J	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	72.8	—	—	0.66	mg/L	—	J	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	64.9	—	—	0.53	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	102	—	—	0.322	mg/L	—	J+	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	EPA:300.0	Chloride	—	103	—	—	0.322	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.184	—	—	0.033	mg/L	—	J-	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.229	—	—	0.033	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.213	—	—	0.033	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.282	—	—	0.03	mg/L	—	J+	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.299	—	—	0.0553	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	EPA:300.0	Fluoride	—	0.321	—	—	0.0553	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.156	—	—	0.05	µg/L	J	J	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0857	—	—	0.05	µg/L	J	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.249	—	—	0.05	µg/L	—	J	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	136421	GF05050G1OL01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.476	—	—	0.05	µg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	09/18/03	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	88401	GU03090G1OL01	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	39.5	—	—	0.032	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	0.032	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	32.7	—	—	0.032	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	32.8	—	—	0.0212	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	33.5	—	—	0.0212	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	34.4	—	—	0.0212	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.7	—	—	0.0212	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	380	—	—	1	µS/cm	—	NQ	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	360	—	—	1	µS/cm	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	428	—	—	1	µS/cm	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	406	—	—	1	µS/cm	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	427	—	—	1	µS/cm	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	SW-846:9050A	Specific Conductance	—	432	—	—	1	µS/cm	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.06	—	—	0.1	mg/L	—	NQ	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12	—	—	0.1	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.8	—	—	0.1	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.6	—	—	0.057	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.3	—	—	0.193	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	EPA:300.0	Sulfate	—	16.6	—	—	0.193	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	235	—	—	2.4	mg/L	—	NQ	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	222	—	—	2.38	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	248	—	—	2.38	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	253	—	—	2.38	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	289	—	—	3.07	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	299	—	—	3.07	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.134	—	—	0.029	mg/L	—	JN-	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.1	—	—	0.029	mg/L	—	JN-	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.237	—	—	0.01	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.137	—	—	0.029	mg/L	—	NQ	08-515	CALA-08-9755	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.1	—	—	0.029	mg/L	—	JN-	190721	GU070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.115	—	—	0.029	mg/L	—	JN-	184191	GU070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.3	—	—	0.074	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.69	—	—	0.33	mg/L	—	NQ	08-515	CALA-08-9755	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.15	—	—	0.33	mg/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.5	—	—	0.33	mg/L	—	—	184191	GU070400G1OL01	GELC
LAO-1	4381	8	11/05/01	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.27	—	—	0.041	mg/L	—	NQ	154S	CALA-01-0486	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	0.01	SU	H	J-	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.42	—	—	0.01	SU	H	J	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.94	—	—	0.01	SU	H	J	184191	GF070400G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.43	—	—	0.01	SU	H	J	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	—	SU	H	J	114296	GF04050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.6	—	—	0.032	mg/L	—	NQ	08-515	CALA-08-9754	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.774	0.054	0.297	—	pCi/L	—	J	136421	GF05050G1OL01	GELC
LAO-1	4381	8	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.02	0.083333	0.45	—	pCi/L	—	NQ	08-515	CALA-08-9755	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.345	0.026033	0.139	—	pCi/L	—	J	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.73	1.37	8.01	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/18/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	16.9	2.17	11.4	—	pCi/L	—	J	88401	GU03090G1OL01	GELC
LAO-1	4381	8	09/18/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.57	0.068667	0.32	—	pCi/L	—	—	88401	GU03090G1OL01	GELC
LAO-1	4381	8	08/05/02	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.285	0.037667	0.263	—	pCi/L	—	J	64877	GU02070G1OL01	GELC
LAO-1	4381	8	08/05/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	1.68	1.123333	6.86	—	pCi/L	U	U	64877	GU02070G1OL01	GELC
LAO-1	4381	8	11/05/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	5.79	0.8	9.5	—	pCi/L	U	U	158S	CALA-01-0485	GELC
LAO-1	4381	8	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.676	0.07	0.55	—	pCi/L	—	NQ	08-515	CALA-08-9755	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	7.49	3.276667	13.9	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/18/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.84	2.23	25.3	—	pCi/L	U	U	88401	GU03090G1OL01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1	4381	8	08/05/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0.989	1.383333	13.2	—	pCi/L	U	U	64877	GU02070G1OL01	GELC
LAO-1	4381	8	11/05/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	8.1899996	1.166667	11	—	pCi/L	U	U	158S	CALA-01-0486	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	58.1	—	—	0.73	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	59.3	—	—	0.725	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	68.2	—	—	0.725	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	89.4	—	—	0.725	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	42.5	—	—	1.45	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	90.4	—	—	0.725	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	0.03	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.7	—	—	0.036	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	0.036	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	<	22	—	—	0.038	mg/L	B	J	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	FB	Geninorg	SW-846:6010B	Calcium	—	0.0843	—	—	0.03	mg/L	J	J	08-487	CALA-08-10258	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	0.03	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.036	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.1	—	—	0.036	mg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	<	22.1	—	—	0.038	mg/L	B	J	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44.4	—	—	0.33	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.5	—	—	0.33	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	80.6	—	—	0.66	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	46.9	—	—	0.33	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	66	—	—	0.53	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	47.6	—	—	0.33	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.312	—	—	0.033	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.312	—	—	0.033	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.285	—	—	0.033	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.28	—	—	0.033	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.152	—	—	0.03	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.283	—	—	0.033	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59	—	—	0.43	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.1	—	—	0.425	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.9	—	—	0.085	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74	—	—	0.085	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58	—	—	0.43	mg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.7	—	—	0.425	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	81.3	—	—	0.085	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.3	—	—	0.085	mg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.64	—	—	0.085	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.49	—	—	0.085	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.37	—	—	0.085	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.67	—	—	0.085	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.19	—	—	0.0045	mg/L	B	J	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.52	—	—	0.085	mg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.23	—	—	0.085	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.25	—	—	0.085	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	0.085	mg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.27	—	—	0.0045	mg/L	B	J	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.105	—	—	0.01	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	0.01	mg/L	U	UJ	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.172	—	—	0.01	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.985	—	—	0.014	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.194	—	—	0.003	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.968	—	—	0.014	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.192	—	—	0.05	µg/L	J	J	08-487	CALA-08-9761	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.133	—	—	0.05	µg/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.257	—	—	0.05	µg/L	—	J	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.151	—	—	0.05	µg/L	J	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.371	—	—	0.05	µg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.84	—	—	0.05	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.85	—	—	0.05	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.44	—	—	0.05	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.35	—	—	0.05	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	<	5.53	—	—	0.0071	mg/L	B	J	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.76	—	—	0.05	mg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.61	—	—	0.05	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.35	—	—	0.05	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.05	—	—	0.05	mg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	<	5.69	—	—	0.0071	mg/L	B	J	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.7	—	—	0.032	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	38.2	—	—	0.032	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.1	—	—	0.032	mg/L	—	J	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	36	—	—	0.032	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41.5	—	—	0.032	mg/L	—	J	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.9	—	—	0.045	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	37.5	—	—	0.045	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	43.6	—	—	0.045	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	46.3	—	—	0.045	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.3	—	—	0.0081	mg/L	B	J	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.4	—	—	0.045	mg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	34.6	—	—	0.045	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	43.1	—	—	0.045	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	46	—	—	0.045	mg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.4	—	—	0.0081	mg/L	B	J	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	318	—	—	1	µS/cm	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	325	—	—	1	µS/cm	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	462	—	—	1	µS/cm	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	388	—	—	1	µS/cm	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	357	—	—	1	µS/cm	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	380	—	—	1	µS/cm	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	0.1	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.3	—	—	0.1	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14	—	—	0.1	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	0.1	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.7	—	—	0.057	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.6	—	—	0.1	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	200	—	—	2.4	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.38	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	273	—	—	2.38	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	243	—	—	2.38	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	245	—	—	2.38	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	237	—	—	2.38	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.145	—	—	0.145	mg/L	U	UJ	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.065	—	—	0.029	mg/L	J	JN-	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.03	—	—	0.01	mg/L	J	JN-, J	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.13	—	—	0.01	mg/L	—	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.078	—	—	0.029	mg/L	J	J+	08-487	CALA-08-9760	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.145	—	—	0.145	mg/L	U	UJ	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.036	—	—	0.029	mg/L	J	JN-	184079	GU070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.136	—	—	0.01	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.86	—	—	0.074	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.05	—	—	0.33	mg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.68	—	—	0.33	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.68	—	—	0.33	mg/L	—	—	184079	GU070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.69	—	—	0.33	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.106	—	—	0.024	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.126	—	—	0.024	mg/L	—	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.093	—	—	0.024	mg/L	—	U	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.109	—	—	0.01	mg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.085	—	—	0.01	mg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.099	—	—	0.01	mg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.74	—	—	0.01	SU	H	J-	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.76	—	—	0.01	SU	H	J	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.67	—	—	0.01	SU	H	J	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.63	—	—	0.01	SU	H	J	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.37	—	—	0.01	SU	H	J	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.74	—	—	0.01	SU	H	J	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	274	—	—	68	µg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	318	—	—	68	µg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	93.300003	—	—	34	µg/L	—	NQ	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	201	—	—	68	µg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	421	—	—	68	µg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	86	—	—	68	µg/L	J	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	979	—	—	34	µg/L	—	NQ	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	48	—	—	1	µg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	50.4	—	—	1	µg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	66.6	—	—	1	µg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	62.1	—	—	1	µg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	68.699997	—	—	0.16	µg/L	—	NQ	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	47.3	—	—	1	µg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.2	—	—	1	µg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	66.3	—	—	1	µg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	61.3	—	—	1	µg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	72.800003	—	—	0.16	µg/L	—	NQ	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	2.5	µg/L	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.7	—	—	1	µg/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2.9	—	—	1	µg/L	J	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	2.2	—	—	1	µg/L	J	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	1.42	—	—	0.78	µg/L	B	J	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	2.5	µg/L	J	J	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1	µg/L	J	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.1	—	—	1	µg/L	—	U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	<	1.2	—	—	1	µg/L	J	U	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	1.58	—	—	0.78	µg/L	B	J	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	120	—	—	25	µg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	151	—	—	25	µg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	23.5	—	—	18	µg/L	J	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	28.6	—	—	18	µg/L	J	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	32.200001	—	—	21	µg/L	B	U	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	112	—	—	25	µg/L	—	NQ	08-487	CALA-08-9760	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	337	—	—	25	µg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	91.8	—	—	18	µg/L	J	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	63.6	—	—	18	µg/L	J	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	449	—	—	21	µg/L	—	NQ	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2	—	—	2	µg/L	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3	—	—	2	µg/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.1	—	—	2	µg/L	J	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6020	Manganese	—	7	—	—	1	µg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6010	Manganese	<	0.67	—	—	2.9	µg/L	B	J	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.4	—	—	2	µg/L	J	J	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	70.5	—	—	2	µg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.2	—	—	2	µg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	14.1	—	—	1	µg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6010	Manganese	—	9.0900002	—	—	2.9	µg/L	B	J	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	84.2	—	—	2	µg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	91.9	—	—	2	µg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	79	—	—	2	µg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	113	—	—	0.1	µg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6010	Molybdenum	—	79.800003	—	—	0.59	µg/L	B	J	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	82	—	—	2	µg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	88.1	—	—	2	µg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	77.6	—	—	2	µg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	108	—	—	0.1	µg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6010	Molybdenum	—	77.699997	—	—	0.59	µg/L	B	J	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.91	—	—	0.5	µg/L	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.81	—	—	0.5	µg/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	0.5	µg/L	J	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	1	—	—	1	µg/L	U	UJ	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	5	—	—	0.74	µg/L	U	U	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	0.5	µg/L	J	J	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.98	—	—	0.5	µg/L	J	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	1	—	—	1	µg/L	U	UJ	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	5	—	—	0.74	µg/L	U	U	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.2	—	—	0.032	mg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1	µg/L	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1	µg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	148	—	—	1	µg/L	—	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1	µg/L	—	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1	µg/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1	µg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1	µg/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1	µg/L	—	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	µg/L	U	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.4	—	—	0.4	µg/L	J	—	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.5	—	—	0.014	µg/L	U	U	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.43	—	—	0.3	µg/L	J	J	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	µg/L	U	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.5	—	—	0.014	µg/L	U	U	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1	µg/L	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	µg/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1	µg/L	J	—	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.8	—	—	1	µg/L	J	U	136047	GF05050G16G01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.85	—	—	1.1	µg/L	B	J	181S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	µg/L	J	J	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1	µg/L	J	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1	µg/L	J	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.5	—	—	1	µg/L	J	U	136047	GU05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.86	—	—	1.1	µg/L	B	J	181S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	1.24	0.079333	0.49	—	pCi/L	—	J	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	0.0299	0.866667	4.1	—	pCi/L	U	U	184S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	06/19/01	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	-110	30	160	—	pCi/L	U	U	9035R	CALA-01-0219	PARA
LAO-1.6g	5551	10.47	03/29/01	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	1	14.16667	68	—	pCi/L	U	U	8547R	CALA-01-0053	PARA
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.6	0.11	0.61	—	pCi/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.5599999	0.766667	4.3	—	pCi/L	—	U	184S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	06/19/01	WG	UF	CS	—	Rad	Gamma Spec	Radium-226	<	20	35	170	—	pCi/L	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	5551	10.47	03/29/01	WG	UF	CS	—	Rad	Gamma Spec	Radium-226	<	-50	21.66667	110	—	pCi/L	U	U	8547R	CALA-01-0054	PARA
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.09	0.106667	0.84	—	pCi/L	—	NQ	08-487	CALA-08-9760	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	86.9	—	—	0.73	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	97.5	—	—	0.725	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	115	—	—	0.725	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	117	—	—	0.725	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	106	—	—	1.45	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	107	—	—	0.725	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	1.55	—	—	0.066	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.658	—	—	0.066	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	5.19	—	—	0.33	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	1.88	—	—	0.066	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	1.16	—	—	0.041	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	—	1.88	—	—	0.066	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	68.4	—	—	0.66	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.2	—	—	0.33	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	46.9	—	—	0.33	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.7	—	—	0.33	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	74.9	—	—	0.53	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	44.4	—	—	0.33	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.605	—	—	0.033	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.618	—	—	0.033	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.696	—	—	0.033	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.809	—	—	0.033	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.74	—	—	0.03	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.761	—	—	0.033	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.44	—	—	0.05	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.21	—	—	0.01	mg/L	—	J-	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.54	—	—	0.1	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.29	—	—	0.014	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.967	—	—	0.003	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.37	—	—	0.014	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.752	—	—	0.05	µg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.267	—	—	0.05	µg/L	—	J	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.977	—	—	0.05	µg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.451	—	—	0.05	µg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.624	—	—	0.05	µg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	57.6	—	—	0.032	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	48	—	—	0.032	mg/L	—	—	184649	GF070400G2OL01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	45.3	—	—	0.032	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	44.4	—	—	0.032	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	44	—	—	0.032	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	487	—	—	1	µS/cm	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	419	—	—	1	µS/cm	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	341	—	—	1	µS/cm	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	417	—	—	1	µS/cm	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	520	—	—	1	µS/cm	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	412	—	—	1	µS/cm	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.5	—	—	0.1	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.4	—	—	0.1	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	29.5	—	—	0.1	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.4	—	—	0.1	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	23.2	—	—	0.057	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.2	—	—	0.1	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	291	—	—	2.4	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	269	—	—	2.38	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	324	—	—	2.38	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	269	—	—	2.38	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	268	—	—	2.38	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	334	—	—	2.38	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.131	—	—	0.029	mg/L	—	JN-	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.247	—	—	0.029	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.08	—	—	0.01	mg/L	J	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.16	—	—	0.01	mg/L	—	JN-	135808	GF05050G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.124	—	—	0.029	mg/L	—	NQ	08-512	CALA-08-9737	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.072	—	—	0.029	mg/L	J	JN-	190152	GU070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.093	—	—	0.029	mg/L	J	U	184649	GU070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.105	—	—	0.01	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.36	—	—	0.074	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.58	—	—	0.33	mg/L	—	NQ	08-512	CALA-08-9737	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.37	—	—	0.33	mg/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.88	—	—	0.33	mg/L	—	—	184649	GU070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.31	—	—	0.33	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.116	—	—	0.024	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.21	—	—	0.024	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.119	—	—	0.024	mg/L	—	U	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.11	—	—	0.01	mg/L	—	J-	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.116	—	—	0.01	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.119	—	—	0.01	mg/L	—	J-	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.34	—	—	0.01	SU	H	J-	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	0.01	SU	H	J	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.96	—	—	0.01	SU	H	J	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.08	—	—	0.01	SU	H	J	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.88	—	—	0.01	SU	H	J	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.99	—	—	0.01	SU	H	J	168163	GU060700G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.7	—	—	0.032	mg/L	—	NQ	08-512	CALA-08-9738	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.746	0.076333	0.56	—	pCi/L	—	J-	135808	GF05050G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.67	0.113333	0.64	—	pCi/L	—	NQ	08-512	CALA-08-9737	GELC
LAO-2	4391	7	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	6.86	1.26	14.5	—	pCi/L	U	U	114323	GU04050G2OL01	GELC
LAO-2	4391	7	06/04/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.297	0.035	0.294	—	pCi/L	—	J	114323	GU04050G2OL01	GELC
LAO-2	4391	7	09/19/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	45.4	2.75	13.6	—	pCi/L	—	—	88401	GU03090G2OL01	GELC
LAO-2	4391	7	09/19/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.565	0.047	0.289	—	pCi/L	—	J	88401	GU03090G2OL01	GELC
LAO-2	4391	7	09/19/03	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	—	24.6	3.176667	16.2	—	pCi/L	—	—	88401	GU03090G2OL01	GELC
LAO-2	4391	7	09/19/03	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	—	0.85	0.059333	0.375	—	pCi/L	—	—	88401	GU03090G2OL01	GELC
LAO-2	4391	7	01/15/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.635	0.086667	0.78	—	pCi/L	U	U	08-512	CALA-08-9737	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	10.7	2.433333	27.9	—	pCi/L	U	U	114323	GU04050G2OL01	GELC
LAO-2	4391	7	09/19/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	28	5.133333	36.7	—	pCi/L	U	U	88401	GU03090G2OL01	GELC
LAO-2	4391	7	09/19/03	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	20.1	4.3	31.8	—	pCi/L	U	—	88401	GU03090G2OL01	GELC
LAO-2	4391	7	08/07/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	2.653333	12.2	—	pCi/L	UUI	R	65139	GU02070G2OL01	GELC
LAO-2	4391	7	08/07/02	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	7.03	1.143333	13.5	—	pCi/L	U	—	65139	GU02070G2OL01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	89.5	—	—	0.73	mg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	89	—	—	0.73	mg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	88.9	—	—	0.725	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	121	—	—	0.725	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	119	—	—	0.725	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	112	—	—	1.45	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	112	—	—	0.725	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	1.29	—	—	0.066	mg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	1.26	—	—	0.066	mg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.994	—	—	0.066	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	2.08	—	—	0.066	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	2.57	—	—	0.066	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	—	2.27	—	—	0.066	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	49.7	—	—	0.33	mg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	50.3	—	—	0.33	mg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.6	—	—	0.33	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	74.4	—	—	0.66	mg/L	—	J	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	33.7	—	—	0.33	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	54.4	—	—	0.161	mg/L	—	J+	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	37.5	—	—	0.33	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.609	—	—	0.033	mg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.599	—	—	0.033	mg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.61	—	—	0.033	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.626	—	—	0.033	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.703	—	—	0.033	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.619	—	—	0.0553	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.717	—	—	0.033	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.685	—	—	0.05	mg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.655	—	—	0.05	mg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.535	—	—	0.05	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.39	—	—	0.1	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.45	—	—	0.014	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.31	—	—	0.01	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.59	—	—	0.014	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.614	—	—	0.05	µg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.596	—	—	0.05	µg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	0.05	µg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.585	—	—	0.05	µg/L	—	J	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.434	—	—	0.05	µg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.719	—	—	0.05	µg/L	—	J-	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	49.2	—	—	0.032	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	47.7	—	—	0.032	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	57.4	—	—	0.032	mg/L	—	J	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	49.1	—	—	0.0212	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.3	—	—	0.032	mg/L	—	J	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	45.7	—	—	0.0212	mg/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	391	—	—	1	µS/cm	—	NQ	08-467	CALA-08-9743	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	393	—	—	1	µS/cm	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	410	—	—	1	µS/cm	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	520	—	—	1	µS/cm	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	415	—	—	1	µS/cm	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	407	—	—	1	µS/cm	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	412	—	—	1	µS/cm	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	15.4	—	—	0.1	mg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.2	—	—	0.1	mg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.7	—	—	0.1	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.4	—	—	0.1	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.1	—	—	0.1	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	32.1	—	—	0.193	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.7	—	—	0.1	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	261	—	—	2.4	mg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	254	—	—	2.4	mg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	277	—	—	2.38	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	274	—	—	2.38	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	284	—	—	2.38	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	281	—	—	2.38	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	311	—	—	3.07	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.27	—	—	0.33	mg/L	—	NQ	08-467	CALA-08-9744	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.22	—	—	0.33	mg/L	—	NQ	08-467	CALA-08-9741	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.51	—	—	0.33	mg/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.4	—	—	0.33	mg/L	—	—	184191	GU070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.88	—	—	0.33	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	6.96	—	—	0.01	SU	H	J-	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	0.01	SU	H	J-	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.12	—	—	0.01	SU	H	J	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.91	—	—	0.01	SU	H	J	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.92	—	—	0.01	SU	H	J	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.88	—	—	—	SU	H	J	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.51	—	—	0.01	SU	H	J	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	44.7	—	—	0.032	mg/L	—	NQ	08-467	CALA-08-9743	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44	—	—	0.032	mg/L	—	NQ	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	03/28/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	—	59.7	1.533333	3.77	—	pCi/L	—	—	40017	GF01031GA3L	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	FD	Rad	EPA:903.1	Radium-226	<	0.55	0.076667	0.65	—	pCi/L	U	U	08-467	CALA-08-9744	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.43	0.103333	0.63	—	pCi/L	—	NQ	08-467	CALA-08-9741	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.7	1.33	6.2	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.265	0.0296	0.232	—	pCi/L	—	J	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/17/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.11	0.068333	0.401	—	pCi/L	—	J	88401	GU03090GA3L01	GELC
LAO-3a	4401	4.7	09/17/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	29.8	2.11	11.8	—	pCi/L	—	J	88401	GU03090GA3L01	GELC
LAO-3a	4401	4.7	04/25/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	45.2	1.693333	6.22	—	pCi/L	—	—	59519	GU02041GA3L	GELC
LAO-3a	4401	4.7	03/28/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	3.72	1.213333	8.12	—	pCi/L	U	U	40017	GF01031GA3L	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	FD	Rad	EPA:904	Radium-228	<	0.63	0.07	0.55	—	pCi/L	—	U	08-467	CALA-08-9744	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.265	0.08	0.8	—	pCi/L	U	U	08-467	CALA-08-9741	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	7.14	1.203333	13	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/17/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	14.8	2.943333	25.2	—	pCi/L	U	U	88401	GU03090GA3L01	GELC
LAO-3a	4401	4.7	04/25/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	11.2	1.266667	15.5	—	pCi/L	U	—	59519	GU02041GA3L	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	66.5	—	—	0.73	mg/L	—	NQ	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	76.9	—	—	0.725	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	52.5	—	—	0.725	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	58.5	—	—	1.45	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	31.2	—	—	1.45	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.4	—	—	0.066	mg/L	—	NQ	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.483	—	—	0.066	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.366	—	—	0.066	mg/L	—	—	184191	GF070400GC5401	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.33	—	—	0.041	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	11/06/01	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.496	—	—	0.02	mg/L	—	NQ	162S	CALA-01-0493	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	54.1	—	—	0.33	mg/L	—	NQ	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	40.2	—	—	0.33	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	49.8	—	—	0.33	mg/L	—	J	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	62.8	—	—	0.53	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	60.8	—	—	0.322	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.561	—	—	0.033	mg/L	—	NQ	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.591	—	—	0.033	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.6	—	—	0.033	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.561	—	—	0.03	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.647	—	—	0.0553	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.171	—	—	0.05	µg/L	J	J	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0898	—	—	0.05	µg/L	J	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.374	—	—	0.05	µg/L	—	J	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.458	—	—	0.05	µg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.25	—	—	0.05	µg/L	—	J-	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41	—	—	0.032	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	38	—	—	0.032	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	34.1	—	—	0.032	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	40.1	—	—	0.0212	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	39.1	—	—	0.0212	mg/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	353	—	—	1	µS/cm	—	NQ	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	351	—	—	1	µS/cm	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	331	—	—	1	µS/cm	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	379	—	—	1	µS/cm	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	328	—	—	1	µS/cm	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.2	—	—	0.1	mg/L	—	NQ	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.4	—	—	0.1	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.9	—	—	0.1	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.7	—	—	0.057	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.5	—	—	0.193	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	216	—	—	2.4	mg/L	—	NQ	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.38	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	187	—	—	2.38	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	244	—	—	2.38	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	235	—	—	3.07	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.95	—	—	0.074	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.73	—	—	0.33	mg/L	—	NQ	08-467	CALA-08-9745	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.69	—	—	0.33	mg/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.3	—	—	0.33	mg/L	—	—	184191	GU070400GC5401	GELC
LAO-4.5c	4431	13.3	11/06/01	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.99	—	—	0.041	mg/L	—	NQ	161S	CALA-01-0494	GEL
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.99	—	—	0.01	SU	H	J-	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.76	—	—	0.01	SU	H	J	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	0.01	SU	H	J	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.84	—	—	—	SU	H	J	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.5	—	—	0.032	mg/L	—	NQ	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.708	0.081667	0.665	—	pCi/L	—	J-	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	11/06/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	0	0.5	5.8	—	pCi/L	U	U	165S	CALA-01-0493	GELC
LAO-4.5c	4431	13.3	06/26/01	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	-30	25	120	—	pCi/L	U	U	9149R	CALA-01-0235	PARA
LAO-4.5c	4431	13.3	01/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	2.92	0.156667	0.44	—	pCi/L	—	NQ	08-467	CALA-08-9745	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.402	0.030233	0.195	—	pCi/L	—	J	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.56	1.713333	12	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	11/06/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0	1.133333	5.6	—	pCi/L	U	U	165S	CALA-01-0494	GELC
LAO-4.5c	4431	13.3	06/26/01	WG	UF	CS	—	Rad	Gamma Spec	Radium-226	<	110	23.33333	110	—	pCi/L	U	U	9149R	CALA-01-0236	PARA
LAO-4.5c	4431	13.3	11/06/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	3.13	1.466667	9.2	—	pCi/L	U	U	165S	CALA-01-0493	GELC
LAO-4.5c	4431	13.3	03/28/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	4.2	1.393333	8.56	—	pCi/L	U	U	40017	GF01031GC54	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.334	0.07	0.69	—	pCi/L	U	U	08-467	CALA-08-9745	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5	2.18	24.6	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	11/06/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	2.39	1.766667	14	—	pCi/L	U	U	165S	CALA-01-0494	GELC
LAO-4.5c	4431	13.3	03/28/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	2.52	1.54	10.2	—	pCi/L	U	U	40017	GU01031GC54	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	46.1	—	—	0.73	mg/L	—	NQ	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	46.1	—	—	0.73	mg/L	—	NQ	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	49.7	—	—	0.725	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	47.3	—	—	0.725	mg/L	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	76	—	—	0.725	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	38.6	—	—	1.45	mg/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	76	—	—	0.725	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	13	—	—	0.066	mg/L	—	NQ	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	13	—	—	0.066	mg/L	—	NQ	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	11.3	—	—	0.066	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	10.2	—	—	0.066	mg/L	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.36	—	—	0.066	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	14.7	—	—	0.053	mg/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	7.42	—	—	0.066	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.111	—	—	0.033	mg/L	—	NQ	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.107	—	—	0.033	mg/L	—	NQ	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.125	—	—	0.033	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.102	—	—	0.033	mg/L	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.143	—	—	0.033	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.03	—	—	0.03	mg/L	U	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.135	—	—	0.033	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.158	—	—	0.01	mg/L	—	NQ	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.144	—	—	0.01	mg/L	—	NQ	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.018	—	—	0.01	mg/L	J	JN-	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.182	—	—	0.01	mg/L	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.102	—	—	0.014	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.451	—	—	0.003	mg/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.0907	—	—	0.014	mg/L	—	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.199	—	—	0.05	µg/L	J	J	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.188	—	—	0.05	µg/L	J	J	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0923	—	—	0.05	µg/L	J	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.287	—	—	0.05	µg/L	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.39	—	—	0.05	µg/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	0.032	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	31.9	—	—	0.032	mg/L	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	0.032	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	31.1	—	—	0.032	mg/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.4	—	—	0.032	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1	µS/cm	—	NQ	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	171	—	—	1	µS/cm	—	NQ	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1	µS/cm	—	—	189777	GF070700GBAL01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	150	—	—	1	µS/cm	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1	µS/cm	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	169	—	—	1	µS/cm	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1	µS/cm	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	8.1	—	—	0.1	mg/L	—	NQ	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.16	—	—	0.1	mg/L	—	NQ	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.11	—	—	0.1	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.8	—	—	0.1	mg/L	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.55	—	—	0.1	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.2	—	—	0.057	mg/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.58	—	—	0.1	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	115	—	—	2.4	mg/L	—	NQ	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.4	mg/L	—	NQ	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.38	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	97	—	—	2.38	mg/L	—	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.38	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.38	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	115	—	—	2.38	mg/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	0.029	mg/L	U	UJ	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.105	—	—	0.029	mg/L	—	JN-	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.191	—	—	0.01	mg/L	—	UJ	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.141	—	—	0.01	mg/L	—	J+	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.079	—	—	0.029	mg/L	J	J	08-487	CALA-08-9752	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.066	—	—	0.029	mg/L	J	J	08-487	CALA-08-9749	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.057	—	—	0.029	mg/L	J	JN-	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.054	—	—	0.029	mg/L	J	JN-	183872	GU070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.064	—	—	0.01	mg/L	J	UJ	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.99	—	—	0.074	mg/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	3.2	—	—	0.33	mg/L	—	NQ	08-487	CALA-08-9752	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.12	—	—	0.33	mg/L	—	NQ	08-487	CALA-08-9749	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.56	—	—	0.33	mg/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.98	—	—	0.33	mg/L	—	—	183872	GU070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.28	—	—	0.33	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.033	—	—	0.024	mg/L	J	J	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.035	—	—	0.024	mg/L	J	J	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.054	—	—	0.024	mg/L	—	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	0.024	mg/L	U	—	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.04	—	—	0.01	mg/L	J	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.044	—	—	0.01	mg/L	J	U	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.035	—	—	0.01	mg/L	J	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	6.92	—	—	0.01	SU	H	J-	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	0.01	SU	H	J-	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	0.01	SU	H	J	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.67	—	—	0.01	SU	H	J	183872	GF070400GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.08	—	—	0.01	SU	H	J	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.65	—	—	0.01	SU	H	J	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	0.01	SU	H	J	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	33.2	—	—	0.032	mg/L	—	NQ	08-487	CALA-08-9751	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.7	—	—	0.032	mg/L	—	NQ	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	1.78	0.081667	0.423	—	pCi/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	05/30/02	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	4.66	0.666667	2.8	—	pCi/L	—	U	849S	CALA-02-45029	GEL
LAO-B	5221	11.84	11/07/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	4.4299998	0.8	4.3	—	pCi/L	—	U	174S	CALA-01-0471	GELC
LAO-B	5221	11.84	06/18/01	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	-10	26.66667	130	—	pCi/L	U	U	9022R	CALA-01-0215	PARA
LAO-B	5221	11.84	01/14/08	WG	UF	CS	FD	Rad	EPA:903.1	Radium-226	—	2.27	0.136667	0.63	—	pCi/L	—	NQ	08-487	CALA-08-9752	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.2	0.093333	0.59	—	pCi/L	—	NQ	08-487	CALA-08-9749	GELC
LAO-B	5221	11.84	05/30/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	8.97	0.733333	2.9	—	pCi/L	—	NQ	849S	CALA-02-45030	GEL

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-B	5221	11.84	11/07/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.0899999	0.866667	4.4	—	pCi/L	U	U	174S	CALA-01-0472	GELC
LAO-B	5221	11.84	06/18/01	WG	UF	CS	—	Rad	Gamma Spec	Radium-226	<	50	23.33333	110	—	pCi/L	U	U	9022R	CALA-01-0216	PARA
LAO-B	5221	11.84	05/30/02	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	0	0.6	6.7	—	pCi/L	U	R	849S	CALA-02-45029	GEL
LAO-B	5221	11.84	11/07/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	4.46	0.833333	9.1	—	pCi/L	U	U	174S	CALA-01-0471	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	FD	Rad	EPA:904	Radium-228	<	0.27	0.063333	0.64	—	pCi/L	U	U	08-487	CALA-08-9752	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.547	0.066667	0.55	—	pCi/L	U	U	08-487	CALA-08-9749	GELC
LAO-B	5221	11.84	05/30/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	4.2	0.6	6.4	—	pCi/L	U	U	849S	CALA-02-45030	GEL
LAO-B	5221	11.84	11/07/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.9099998	1.366667	10	—	pCi/L	U	U	174S	CALA-01-0472	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.03	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	0.036	mg/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.6	—	—	0.036	mg/L	—	—	174113	GF061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	0.036	mg/L	—	—	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	FB	Geninorg	SW-846:6010B	Calcium	—	0.0889	—	—	0.03	mg/L	J	J	08-512	CALA-08-9881	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	0.03	mg/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	0.036	mg/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.1	—	—	0.036	mg/L	—	—	174113	GU061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	0.036	mg/L	—	—	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.6	—	—	0.045	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.7	—	—	0.045	mg/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	0.045	mg/L	—	—	174113	GF061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	0.045	mg/L	—	—	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	FB	Geninorg	SW-846:6010B	Sodium	—	0.256	—	—	0.045	mg/L	—	NQ	08-512	CALA-08-9881	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	0.045	mg/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	0.045	mg/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	0.045	mg/L	—	—	174113	GU061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	0.045	mg/L	—	—	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	283	—	—	1	µS/cm	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	269	—	—	1	µS/cm	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	226	—	—	1	µS/cm	—	—	174113	GF061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	261	—	—	1	µS/cm	—	—	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	220	—	—	1	µS/cm	—	—	174113	GU061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	252	—	—	1	µS/cm	—	—	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	0.01	SU	H	J	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.06	—	—	0.01	SU	H	J	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.93	—	—	0.01	SU	H	J	174113	GF061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.42	—	—	0.01	SU	H	J	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.94	—	—	0.01	SU	H	J	174113	GU061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.51	—	—	0.01	SU	H	J	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	FTB	Voa	SW-846:8260B	Methylene Chloride	—	2.49	—	—	2	ug/L	J	J	08-512	CALA-08-9884	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	ug/L	U	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	ug/L	U	UJ	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	ug/L	U	—	174113	GU061000G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	ug/L	U	—	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	ug/L	U	—	167996	GU060700G32L02	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	72.2	—	—	0.73	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	66.9	—	—	0.725	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	72.9	—	—	0.725	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	70.6	—	—	0.725	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	70.1	—	—	0.725	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.234	—	—	0.066	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.226	—	—	0.066	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.24	—	—	0.066	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.246	—	—	0.066	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.234	—	—	0.066	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	0.03	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.03	mg/L	—	—	190642	GF07070GI32A01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	0.036	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	0.036	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	0.036	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	0.03	mg/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.03	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.036	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	0.036	mg/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.036	mg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	0.13	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.9	—	—	0.132	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20	—	—	0.132	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.2	—	—	0.132	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.2	—	—	0.132	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.127	—	—	0.033	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.136	—	—	0.033	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.15	—	—	0.033	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.146	—	—	0.033	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.188	—	—	0.033	mg/L	—	U, J+	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.4	—	—	0.43	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.2	—	—	0.425	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.9	—	—	0.44	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.5	—	—	0.44	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.5	—	—	0.085	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.7	—	—	0.43	mg/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	0.425	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.9	—	—	0.44	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.9	—	—	0.44	mg/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.5	—	—	0.085	mg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.71	—	—	0.085	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.8	—	—	0.085	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.87	—	—	0.085	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	0.085	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.97	—	—	0.085	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.7	—	—	0.085	mg/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.82	—	—	0.085	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	0.085	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.67	—	—	0.085	mg/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.84	—	—	0.085	mg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.38	—	—	0.05	mg/L	—	J-	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.27	—	—	0.1	mg/L	—	J	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.84	—	—	0.1	mg/L	—	J	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	3.03	—	—	0.05	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	2.19	—	—	0.014	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.55	—	—	0.25	µg/L	—	J	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.4	—	—	0.25	µg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.52	—	—	0.25	µg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4.27	—	—	4	µg/L	J	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.3	—	—	0.2	µg/L	—	J	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4.71	—	—	4	µg/L	J	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4.09	—	—	4	µg/L	J	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	4.26	—	—	0.5	µg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.72	—	—	0.05	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.79	—	—	0.05	mg/L	E	J	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.8	—	—	0.05	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.42	—	—	0.05	mg/L	—	—	180976	GF07020GI32A01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.09	—	—	0.05	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.76	—	—	0.05	mg/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.78	—	—	0.05	mg/L	E	J	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.57	—	—	0.05	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.37	—	—	0.05	mg/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.89	—	—	0.05	mg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70	—	—	0.032	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.6	—	—	0.032	mg/L	—	J	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	68.4	—	—	0.032	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	0.032	mg/L	—	J	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	0.045	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.045	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	0.045	mg/L	E	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.045	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	0.045	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	0.045	mg/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.045	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	0.045	mg/L	E	J	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	0.045	mg/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.045	mg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	248	—	—	1	µS/cm	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	258	—	—	1	µS/cm	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	263	—	—	1	µS/cm	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	223	—	—	1	µS/cm	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	248	—	—	1	µS/cm	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.55	—	—	0.1	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.5	—	—	0.1	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.81	—	—	0.1	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.78	—	—	0.1	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.59	—	—	0.1	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	203	—	—	2.4	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	199	—	—	2.38	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.38	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	200	—	—	2.38	mg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	197	—	—	2.38	mg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.534	—	—	0.33	mg/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.3	—	—	0.33	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.09	—	—	0.33	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	0.33	mg/L	U	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.29	—	—	0.33	mg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.28	—	—	0.01	SU	H	J-	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	0.01	SU	H	J	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.65	—	—	0.01	SU	H	J	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.76	—	—	0.01	SU	H	J	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.16	—	—	0.01	SU	H	J	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.2	—	—	1	µg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.2	—	—	1	µg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.6	—	—	1	µg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.5	—	—	1	µg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17	—	—	1	µg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1	µg/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.3	—	—	1	µg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.1	—	—	1	µg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1	µg/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17	—	—	1	µg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	14.7	—	—	10	µg/L	J	J	08-568	CALA-08-9868	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	11.6	—	—	10	µg/L	J	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	10.5	—	—	10	µg/L	J	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	13.6	—	—	10	µg/L	J	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	10.7	—	—	10	µg/L	J	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	14.4	—	—	10	µg/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	11.8	—	—	10	µg/L	J	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	10	—	—	10	µg/L	U	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	14.4	—	—	10	µg/L	J	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	11.2	—	—	10	µg/L	J	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.6	—	—	2.5	µg/L	J	J	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1	µg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1	µg/L	J	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1	µg/L	J	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1	µg/L	J	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	2.5	µg/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1	µg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1	µg/L	J	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1	µg/L	J	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1	µg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.88	—	—	0.5	µg/L	J	J	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.76	—	—	0.5	µg/L	J	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	0.5	µg/L	J	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	0.5	µg/L	U	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.8	—	—	0.5	µg/L	J	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.88	—	—	0.5	µg/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	0.5	µg/L	J	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.63	—	—	0.5	µg/L	J	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	0.5	µg/L	U	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.96	—	—	0.5	µg/L	J	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.7	—	—	0.032	mg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	141	—	—	1	µg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1	µg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1	µg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	134	—	—	1	µg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	132	—	—	1	µg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	141	—	—	1	µg/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1	µg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1	µg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1	µg/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1	µg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.48	—	—	0.3	µg/L	J	J	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	µg/L	U	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	µg/L	U	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.05	µg/L	—	NQ	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.05	µg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	0.05	µg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	0.05	µg/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	0.05	µg/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.05	µg/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	0.05	µg/L	—	—	190642	GU07070GI32A01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	0.05	µg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.05	µg/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	0.05	µg/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1	µg/L	J	J	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1	µg/L	U	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1	µg/L	U	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1	µg/L	U	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1	µg/L	U	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	µg/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1	µg/L	U	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1	µg/L	U	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1	µg/L	U	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1	µg/L	U	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.167	0.04	0.39	—	pCi/L	U	U	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.604	0.063333	0.56	—	pCi/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2620	90	170	—	pCi/L	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2740	94	166	—	pCi/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2700	36	121	—	pCi/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2940	32.26667	193	—	pCi/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Rad	LL	Tritium	—	2867.314	31.93	12.772	—	pCi/L	—	—	2277	UU06100GI32A01	UMTL
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	2.61	—	—	1.1	µg/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	11.1	—	—	1.11	µg/L	U	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10.8	—	—	1.08	µg/L	U	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10.1	—	—	1.01	µg/L	U	UJ	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10	—	—	1	µg/L	U	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.301	—	—	0.25	µg/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.264	—	—	0.25	µg/L	J	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.279	—	—	0.25	µg/L	J	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.265	—	—	0.25	µg/L	J	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.303	—	—	0.25	µg/L	J	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	50	—	—	20	µg/L	U	R	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	50	—	—	20	µg/L	U	R	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	50	—	—	20	µg/L	U	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	50	—	—	20	µg/L	U	R	174177	GU06100GI32A01	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	53.4	—	—	0.73	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	52.3	—	—	0.725	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	52.5	—	—	0.725	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	52.4	—	—	0.725	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	48.8	—	—	0.725	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	50.4	—	—	0.725	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	0.03	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.03	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	0.036	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	0.036	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.7	—	—	0.036	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.03	mg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.03	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	0.036	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	0.036	mg/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.8	—	—	0.036	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.1	—	—	0.13	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.8	—	—	0.132	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.4	—	—	0.066	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.5	—	—	0.066	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.4	—	—	0.066	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	18.2	—	—	0.066	mg/L	—	—	175831	GU06100LAOI701	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.179	—	—	0.033	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	0.033	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.216	—	—	0.033	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.229	—	—	0.033	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.224	—	—	0.033	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.213	—	—	0.033	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.4	—	—	0.43	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	69.2	—	—	0.425	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	57.6	—	—	0.44	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61	—	—	0.44	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	62.5	—	—	0.085	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69.3	—	—	0.43	mg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.4	—	—	0.425	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.3	—	—	0.44	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	0.44	mg/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.8	—	—	0.085	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.78	—	—	0.085	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.93	—	—	0.085	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.8	—	—	0.085	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.13	—	—	0.085	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.26	—	—	0.085	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.97	—	—	0.085	mg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.25	—	—	0.085	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.08	—	—	0.085	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.08	—	—	0.085	mg/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.27	—	—	0.085	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.275	—	—	0.05	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.075	—	—	0.01	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.276	—	—	0.1	mg/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.143	—	—	0.01	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.214	—	—	0.014	mg/L	—	J-	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.258	—	—	0.014	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.65	—	—	0.05	µg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.535	—	—	0.05	µg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.757	—	—	0.05	µg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.762	—	—	0.05	µg/L	—	J+	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.877	—	—	0.1	µg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.99	—	—	0.05	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.06	—	—	0.05	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.6	—	—	0.05	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.79	—	—	0.05	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.82	—	—	0.05	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.99	—	—	0.05	mg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.23	—	—	0.05	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.69	—	—	0.05	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.02	—	—	0.05	mg/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.81	—	—	0.05	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.2	—	—	0.032	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.4	—	—	0.032	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55	—	—	0.032	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	56	—	—	0.032	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	57	—	—	0.032	mg/L	—	—	175831	GU06100LAOI701	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.045	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	0.045	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.89	—	—	0.045	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.045	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.045	mg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.045	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.49	—	—	0.045	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.045	mg/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1	µS/cm	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	233	—	—	1	µS/cm	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	195	—	—	1	µS/cm	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	192	—	—	1	µS/cm	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	194	—	—	1	µS/cm	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	193	—	—	1	µS/cm	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	0.1	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.81	—	—	0.1	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.77	—	—	0.1	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.06	—	—	0.1	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.27	—	—	0.1	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.37	—	—	0.1	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	2.4	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.38	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.38	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.38	mg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.38	mg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.38	mg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.2	—	—	0.33	mg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.19	—	—	0.33	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.09	—	—	0.33	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	0.33	mg/L	U	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.555	—	—	0.33	mg/L	J	U	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.48	—	—	0.01	SU	H	J-	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	0.01	SU	H	J	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.42	—	—	0.01	SU	H	J	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.13	—	—	0.01	SU	H	J	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.37	—	—	0.01	SU	H	J	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.46	—	—	0.01	SU	H	J	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.5	ug/L	J	J	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	UJ	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.7	—	—	1.5	µg/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	UJ	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.8	—	—	1.5	µg/L	J	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.8	—	—	1	µg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.2	—	—	1	µg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1	µg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.8	—	—	1	µg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.2	—	—	1	µg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.4	—	—	1	µg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1	µg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23	—	—	1	µg/L	—	—	184649	GU07040LAOI701	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.1	—	—	1	µg/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1	µg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	10	µg/L	J	J	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	10	µg/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	10.6	—	—	10	µg/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.7	—	—	10	µg/L	J	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	10	µg/L	J	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.8	—	—	10	µg/L	J	J	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	10	µg/L	J	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	13.7	—	—	10	µg/L	J	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	10.4	—	—	10	µg/L	J	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.8	—	—	10	µg/L	J	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	34.4	—	—	25	µg/L	J	J	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	47.8	—	—	25	µg/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	63.8	—	—	18	µg/L	J	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	37.9	—	—	18	µg/L	J	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	92.4	—	—	25	µg/L	J	J	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	287	—	—	25	µg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	38.8	—	—	18	µg/L	J	JN-	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	57	—	—	18	µg/L	J	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	65	—	—	18	µg/L	J	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.8	—	—	2	µg/L	J	J	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.1	—	—	2	µg/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.8	—	—	2	µg/L	J	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.8	—	—	2	µg/L	J	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.7	—	—	2	µg/L	J	J	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4	—	—	2	µg/L	J	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2	µg/L	J	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.6	—	—	2	µg/L	J	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2	µg/L	J	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.1	—	—	0.5	µg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.1	—	—	0.5	µg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	µg/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	µg/L	J	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	0.5	µg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.9	—	—	0.5	µg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.3	—	—	0.5	µg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	µg/L	J	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	0.5	µg/L	J	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	0.032	mg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	88.9	—	—	1	µg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.4	—	—	1	µg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.4	—	—	1	µg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.3	—	—	1	µg/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.2	—	—	1	µg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.2	—	—	1	µg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97	—	—	1	µg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.7	—	—	1	µg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80.7	—	—	1	µg/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	82.7	—	—	1	µg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	0.05	µg/L	—	NQ	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	0.05	µg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.57	—	—	0.05	µg/L	—	—	184649	GF07040LAOI701	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	0.05	µg/L	—	J+	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.6	—	—	0.05	µg/L	—	—	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.59	—	—	0.05	µg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	0.05	µg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.54	—	—	0.05	µg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	0.05	µg/L	—	J+	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.59	—	—	0.05	µg/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.2	—	—	2	µg/L	J	J	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2	µg/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2	µg/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	24.7	—	—	2	µg/L	—	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	15	—	—	2	µg/L	—	U	175831	GF06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.9	—	—	2	µg/L	J	J	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.4	—	—	2	µg/L	J	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.9	—	—	2	µg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.9	—	—	2	µg/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8	—	—	2	µg/L	J	U	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	3.09	0.17	0.73	—	pCi/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.39	0.063333	0.57	—	pCi/L	U	U	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	832	33.33333	170	—	pCi/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	892	36.66667	183	—	pCi/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1130	24	194	—	pCi/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1160	24.66667	192	—	pCi/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	11/07/06	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1180	24.83333	194	—	pCi/L	—	—	175831	GU06100LAOI701	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	6.17	—	—	0.25	µg/L	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	20.9	—	—	0.25	µg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	41.1	—	—	0.25	µg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	9.59	—	—	0.25	µg/L	—	U	180975	GU07020LAOI701	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	139	—	—	0.73	mg/L	—	NQ	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	198	—	—	0.725	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	129	—	—	0.725	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	264	—	—	0.725	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	159	—	—	1.45	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	263	—	—	0.725	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.252	—	—	0.066	mg/L	—	NQ	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.041	—	—	0.041	mg/L	U	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	111	—	—	0.66	mg/L	—	NQ	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	87.6	—	—	0.66	mg/L	—	J	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	506	—	—	3.3	mg/L	—	J	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	92.1	—	—	0.66	mg/L	—	J	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	222	—	—	2.65	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	95.8	—	—	0.66	mg/L	—	J	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.52	—	—	0.033	mg/L	—	NQ	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.81	—	—	0.033	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.494	—	—	0.033	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.723	—	—	0.033	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.477	—	—	0.03	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.727	—	—	0.033	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.033	—	—	0.01	mg/L	J	J	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.014	—	—	0.01	mg/L	J	JN-	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0371	—	—	0.01	mg/L	J	JN-	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.149	—	—	0.014	mg/L	—	J	168446	GF060700G1ZL01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.0651	—	—	0.003	mg/L	—	J-	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.213	—	—	0.14	mg/L	J	U	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	27.1	—	—	0.032	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	17.8	—	—	0.032	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	26.3	—	—	0.032	mg/L	—	J	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	17.3	—	—	0.032	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	26.1	—	—	0.032	mg/L	—	J	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	720	—	—	1	µS/cm	—	NQ	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	731	—	—	1	µS/cm	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	21800	—	—	1	µS/cm	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	805	—	—	1	µS/cm	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	1030	—	—	1	µS/cm	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	821	—	—	1	µS/cm	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.68	—	—	0.1	mg/L	—	NQ	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.8	—	—	0.1	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.1	—	—	0.1	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.95	—	—	0.1	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.47	—	—	0.057	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	0.1	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	395	—	—	2.4	mg/L	—	J	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	431	—	—	2.38	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	1160	—	—	2.38	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	501	—	—	2.38	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	490	—	—	2.38	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	575	—	—	2.38	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.269	—	—	0.029	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.114	—	—	0.029	mg/L	—	JN-	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.499	—	—	0.01	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.519	—	—	0.01	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.172	—	—	0.029	mg/L	—	NQ	08-478	CALA-08-9733	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.253	—	—	0.029	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.053	—	—	0.029	mg/L	J	JN-	184483	GU070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.58	—	—	0.01	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.1	—	—	0.074	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.5	—	—	0.33	mg/L	—	NQ	08-478	CALA-08-9733	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.9	—	—	0.33	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.64	—	—	0.33	mg/L	—	—	184483	GU070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	15.5	—	—	0.66	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.025	—	—	0.024	mg/L	J	J	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.056	—	—	0.024	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.059	—	—	0.024	mg/L	—	U	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.072	—	—	0.01	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.05	—	—	0.01	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.052	—	—	0.01	mg/L	—	U	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	0.01	SU	H	J-	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.99	—	—	0.01	SU	H	J	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	0.01	SU	H	J	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.12	—	—	0.01	SU	H	J	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.98	—	—	0.01	SU	H	J	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.63	—	—	0.01	SU	H	J	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	17.7	—	—	0.032	mg/L	—	NQ	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.378	0.064333	0.6	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	05/22/02	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	4.87	1.5	7.3	—	pCi/L	U	U	808S	CA21-02-45090	GEL
LAUZ-1	5361	5.35	11/13/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	3.38	0.94	5.08	—	pCi/L	—	U	222S	CA21-01-0024	GEL
LAUZ-1	5361	5.35	06/19/01	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	-20	26.66667	130	—	pCi/L	U	U	9046R	CA21-01-0007	PARA
LAUZ-1	5361	5.35	01/11/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.397	0.07	0.64	—	pCi/L	U	U	08-478	CALA-08-9733	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAUZ-1	5361	5.35	05/22/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.93	1.166667	5.5	—	pCi/L	U	U	808S	CA21-02-45091	GEL
LAUZ-1	5361	5.35	11/13/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	9.14	1.056667	5.08	—	pCi/L	—	U	222S	CA21-01-0025	GEL
LAUZ-1	5361	5.35	06/19/01	WG	UF	CS	—	Rad	Gamma Spec	Radium-226	<	80	20	89	—	pCi/L	U	U	9046R	CA21-01-0008	PARA
LAUZ-1	5361	5.35	05/22/02	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	10.8	1.066667	12	—	pCi/L	U	U	808S	CA21-02-45090	GEL
LAUZ-1	5361	5.35	11/13/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	7.16	1.063333	12.3	—	pCi/L	—	U	222S	CA21-01-0024	GEL
LAUZ-1	5361	5.35	01/11/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.734	0.06	0.38	—	pCi/L	—	NQ	08-478	CALA-08-9733	GELC
LAUZ-1	5361	5.35	05/22/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	7.8	1.633333	11	—	pCi/L	U	U	808S	CA21-02-45091	GEL
LAUZ-1	5361	5.35	11/13/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	-3.03	1.04	10.3	—	pCi/L	—	U	222S	CA21-01-0025	GEL
LAUZ-1	5361	5.35	06/21/95	WG	UF	CS	—	Rad	Gamma Spec	Radium-228	<	3.1	0.4	3.5	—	pCi/L	—	U	553	0121-95-0251	RGGJ
Los Alamos Canyon near Otowi Bridge	—	—	07/24/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	0.01	SU	H	J	190193	GF070700P11001	GELC
Los Alamos Canyon near Otowi Bridge	—	—	04/10/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.54	—	—	0.01	SU	H	J	184008	GF070400P11001	GELC
Los Alamos Canyon near Otowi Bridge	—	—	07/25/06	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	8.36	—	—	0.01	SU	H	J	167992	GF060700P11001	GELC
Los Alamos Canyon near Otowi Bridge	—	—	07/25/06	WP	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.46	—	—	0.01	SU	H	J	167992	GU060700P11001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	12.3	—	—	0.03	mg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	0.036	mg/L	—	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	13.7	—	—	0.036	mg/L	—	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	14.7	—	—	0.036	mg/L	—	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	13.4	—	—	0.036	mg/L	—	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	13	—	—	0.03	mg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	0.036	mg/L	—	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	13.9	—	—	0.036	mg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	15.6	—	—	0.036	mg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	13.6	—	—	0.036	mg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.5	—	—	0.425	mg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.6	—	—	0.44	mg/L	—	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.2	—	—	0.44	mg/L	—	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.3	—	—	0.44	mg/L	—	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.6	—	—	0.085	mg/L	—	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	0.425	mg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.3	—	—	0.44	mg/L	—	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.1	—	—	0.44	mg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.4	—	—	0.44	mg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50	—	—	0.085	mg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	2.39	—	—	0.085	mg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.66	—	—	0.085	mg/L	—	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.63	—	—	0.085	mg/L	—	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.78	—	—	0.085	mg/L	—	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.7	—	—	0.085	mg/L	—	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.09	—	—	0.085	mg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.76	—	—	0.085	mg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.26	—	—	0.085	mg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.88	—	—	0.085	mg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	8.4	—	—	0.05	mg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.52	—	—	0.05	mg/L	—	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	3.47	—	—	0.05	mg/L	—	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	3.75	—	—	0.05	mg/L	—	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	3.26	—	—	0.05	mg/L	—	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	9.35	—	—	0.05	mg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.17	—	—	0.05	mg/L	—	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	3.63	—	—	0.05	mg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	4.51	—	—	0.05	mg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	3.66	—	—	0.05	mg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	81.2	—	—	0.045	mg/L	—	—	202074	GF080100M03001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	33.5	—	—	0.045	mg/L	—	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	26.8	—	—	0.045	mg/L	—	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	32.1	—	—	0.045	mg/L	—	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	19.4	—	—	0.045	mg/L	—	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	82.3	—	—	0.045	mg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.7	—	—	0.045	mg/L	—	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	26	—	—	0.045	mg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	32.2	—	—	0.045	mg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	19.4	—	—	0.045	mg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	72.9	—	—	2.38	mg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.2	—	—	2.28	mg/L	J	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	42.5	—	—	0.95	mg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	135	—	—	2.85	mg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	53	—	—	2.85	mg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	RE	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	60.5	—	—	2.85	mg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	0.01	SU	H	J	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	—	SU	H	J	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	1440	—	—	68	µg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	405	—	—	68	µg/L	—	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	533	—	—	68	µg/L	—	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	673	—	—	68	µg/L	—	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	632	—	—	68	µg/L	—	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	5480	—	—	68	µg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	613	—	—	68	µg/L	—	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	1710	—	—	68	µg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	3950	—	—	68	µg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	2350	—	—	68	µg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Barium	—	41.9	—	—	1	µg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	41.6	—	—	1	µg/L	—	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Barium	—	38.6	—	—	1	µg/L	—	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.7	Barium	—	42.5	—	—	1	µg/L	—	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Barium	—	35.1	—	—	1	µg/L	—	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	71.4	—	—	1	µg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.7	—	—	1	µg/L	—	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	49.2	—	—	1	µg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	76.7	—	—	1	µg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	50	—	—	1	µg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	1.3	—	—	1	µg/L	J	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Chromium	—	1.2	—	—	1	µg/L	J	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.8	Chromium	—	1.1	—	—	1	µg/L	J	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Chromium	<	1	—	—	1	µg/L	U	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	4.2	—	—	2.5	µg/L	J	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.4	—	—	1	µg/L	J	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	1.9	—	—	1	µg/L	J	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	3.5	—	—	1	µg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Chromium	—	1.1	—	—	1	µg/L	J	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Cobalt	—	3.7	—	—	1	µg/L	J	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.7	Cobalt	<	2.5	—	—	1	µg/L	J	U	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	184109	GU070400M03001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Copper	—	3.4	—	—	3	µg/L	J	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	6.7	—	—	3	µg/L	J	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	6.3	—	—	3	µg/L	J	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Iron	—	808	—	—	25	µg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	193	—	—	18	µg/L	—	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Iron	—	234	—	—	18	µg/L	—	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.7	Iron	—	318	—	—	18	µg/L	—	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Iron	—	260	—	—	18	µg/L	—	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	3590	—	—	25	µg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	309	—	—	18	µg/L	—	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	967	—	—	18	µg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	2470	—	—	18	µg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	1160	—	—	18	µg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Lead	—	1.2	—	—	0.5	µg/L	J	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Lead	<	0.5	—	—	0.5	µg/L	U	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.8	Lead	<	0.5	—	—	0.5	µg/L	U	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.8	Lead	<	0.5	—	—	0.5	µg/L	U	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	8.2	—	—	0.5	µg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	0.6	—	—	0.5	µg/L	J	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	2.3	—	—	0.5	µg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	7.6	—	—	0.5	µg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	2.7	—	—	0.5	µg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	28.3	—	—	2	µg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.2	—	—	2	µg/L	J	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	5.9	—	—	2	µg/L	J	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	8.8	—	—	2	µg/L	J	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	6	—	—	2	µg/L	J	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	89.9	—	—	2	µg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9	—	—	2	µg/L	J	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	53.7	—	—	2	µg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	181	—	—	2	µg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	60.8	—	—	2	µg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	2	—	—	0.5	µg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.85	—	—	0.5	µg/L	J	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	0.74	—	—	0.5	µg/L	J	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	1.5	—	—	0.5	µg/L	J	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Nickel	<	1.8	—	—	1	µg/L	J	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	4	—	—	0.5	µg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.86	—	—	0.5	µg/L	J	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	1.4	—	—	0.5	µg/L	J	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	2.5	—	—	0.5	µg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Nickel	<	3	—	—	1	µg/L	J	U	135561	GU05040P03001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.9	—	—	1	µg/L	J	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1	µg/L	J	JN-	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.3	—	—	1	µg/L	J	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.1	—	—	1	µg/L	J	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.3	—	—	1	µg/L	J	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	6	—	—	1	µg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.3	—	—	1	µg/L	J	JN-	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	2.7	—	—	1	µg/L	J	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	3.5	—	—	1	µg/L	J	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	2.1	—	—	1	µg/L	J	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	15.3	—	—	2	µg/L	—	—	202074	GF080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.7	—	—	2	µg/L	J	—	184479	GF070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	8.2	—	—	2	µg/L	J	—	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	7.7	—	—	2	µg/L	J	—	183172	GF070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	4.9	—	—	2	µg/L	J	—	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	39.3	—	—	2	µg/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.2	—	—	2	µg/L	J	—	184479	GU070400P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	15.8	—	—	2	µg/L	—	—	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	37.7	—	—	2	µg/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	11.5	—	—	2	µg/L	—	—	135561	GU05040P03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Americium-241	<	0.0052	0.00239	0.0505	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Americium-241	<	0.0142	0.002243	0.037	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00257	0.003257	0.0334	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0223	0.00305	0.0458	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00489	0.002933	0.0408	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0151	0.002383	0.04	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.335	0.336667	3.35	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.112	0.267	2.87	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.481	0.676667	5.37	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.264	0.41	4.12	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0709	0.413333	3.99	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.666	0.176667	1.75	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.42	0.386667	4.13	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.91	0.416667	3.22	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	4.24	0.526667	5.92	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.298	0.393333	3.88	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.04	1.01	4.8	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.416	0.189667	1.95	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:900	Gross alpha	<	1.62	0.247667	2.06	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:900	Gross alpha	<	0.395	0.137667	1.48	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	5.32	0.336667	2.07	—	pCi/L	—	J	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.3	0.278	2.03	—	pCi/L	—	J	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	6.2	0.200667	1.06	—	pCi/L	—	J-	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.181	0.153667	1.82	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:900	Gross beta	—	5.36	0.423333	3.62	—	pCi/L	—	J	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:900	Gross beta	—	4.05	0.245667	2.52	—	pCi/L	—	J	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	15	0.49	1.76	—	pCi/L	—	—	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	4.45	0.41	3.64	—	pCi/L	—	J	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	14.3	0.563333	3.43	—	pCi/L	—	J-	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	3.72	0.162333	1.44	—	pCi/L	—	J	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.93	2.676667	19.6	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.4	1.26	11.3	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.4	3.9	33.1	—	pCi/L	U	U	202074	GU080100M03001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.51	2.65	25.5	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.53	2.576667	22.8	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.802	1.496667	15.4	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00636	0.0013	0.0163	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00728	0.002973	0.038	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0123	0.003053	0.0375	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00166	0.00124	0.0171	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00542	0.001597	0.0185	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00548	0.002893	0.057	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0143	0.00232	0.0236	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00546	0.001357	0.032	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.119	0.0058	0.044	—	pCi/L	—	J	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.02	0.00237	0.0247	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.204	0.007133	0.0268	—	pCi/L	—	—	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0356	0.0038	0.048	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-25.8	5.8	45.1	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Potassium-40	<	11	6.133333	29.6	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.4	10.23333	85.5	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.9	7.466667	59.3	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.4	7.4	37.2	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.7	3.7	17.6	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.263	0.048667	0.472	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.205	0.038	0.352	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.52	0.069667	0.6	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.62	0.054667	0.417	—	pCi/L	—	J	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	<	2.53	0.110333	0.553	—	pCi/L	—	R	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.414	0.353333	3.57	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.38	0.273333	2.97	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.17	0.536667	5.18	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.323	0.42	3.92	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.827	0.383333	3.59	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.983	0.153	1.46	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.278	0.033333	0.295	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.27	0.0252	0.239	—	pCi/L	—	J	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.609	0.056	0.45	—	pCi/L	—	J	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.341	0.048	0.448	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.437	0.053667	0.478	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.841	0.068	0.641	—	pCi/L	—	J	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-228	<	0.176	0.020267	0.364	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.46	0.051667	0.664	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.214	0.0239	0.594	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.153	0.0108	0.141	—	pCi/L	—	J	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-230	<	0.116	0.0144	0.676	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.523	0.032733	0.666	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.367	0.0273	1.1	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0482	0.005267	0.261	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-232	<	0.0529	0.0118	0.168	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.305	0.024767	0.296	—	pCi/L	—	J	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.201	0.020833	0.274	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.0715	0.007167	0.0648	—	pCi/L	—	J	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0623	0.009067	0.213	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0534	0.004533	0.071	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.306	0.030433	0.573	—	pCi/L	U	U	202074	GU080100M03001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.174	0.0128	0.217	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.139	0.0067	0.0633	—	pCi/L	—	J	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0388	0.004267	0.07	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0385	0.006467	0.135	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0302	0.0036	0.043	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0199	0.0115	0.284	—	pCi/L	U	U	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0587	0.008067	0.138	—	pCi/L	U	U	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0114	0.00234	0.0402	—	pCi/L	U	U	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00458	0.002853	0.042	—	pCi/L	U	U	132859	GU05030M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0623	0.009067	0.163	—	pCi/L	U	U	184109	GF070400M03001	GELC
Los Alamos above DP Canyon	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0209	0.002807	0.05	—	pCi/L	U	U	135561	GF05040P03001	GELC
Los Alamos above DP Canyon	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.515	0.033667	0.337	—	pCi/L	—	J	202074	GU080100M03001	GELC
Los Alamos above DP Canyon	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.198	0.013733	0.165	—	pCi/L	—	J	184109	GU070400M03001	GELC
Los Alamos above DP Canyon	—	—	03/21/07	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.116	0.0061	0.0482	—	pCi/L	—	J	183172	GU070300M03001	GELC
Los Alamos above DP Canyon	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0502	0.003667	0.049	—	pCi/L	—	J	132859	GU05030M03001	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	11	—	—	0.03	mg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.036	mg/L	—	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	15.1	—	—	0.036	mg/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	13.8	—	—	0.036	mg/L	—	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	12.4	—	—	0.03	mg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	0.036	mg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	15.4	—	—	0.036	mg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	14	—	—	0.036	mg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	23	—	—	0.00823	mg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.5	—	—	0.425	mg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	57.5	—	—	0.44	mg/L	—	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.4	—	—	0.44	mg/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.2	—	—	0.085	mg/L	—	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.5	—	—	0.425	mg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.5	—	—	0.44	mg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.1	—	—	0.44	mg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.4	—	—	0.085	mg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.5	—	—	0.00823	mg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	1.93	—	—	0.085	mg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.31	—	—	0.085	mg/L	—	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.05	—	—	0.085	mg/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.84	—	—	0.085	mg/L	—	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.52	—	—	0.085	mg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.17	—	—	0.085	mg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.26	—	—	0.085	mg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.99	—	—	0.085	mg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	6.06	—	—	0.00332	mg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	7.59	—	—	0.05	mg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.07	—	—	0.05	mg/L	—	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	4.05	—	—	0.05	mg/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	3.43	—	—	0.05	mg/L	—	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	9.55	—	—	0.05	mg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.89	—	—	0.05	mg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	4.35	—	—	0.05	mg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	3.75	—	—	0.05	mg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	4.5	—	—	0.0372	mg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	78.6	—	—	0.045	mg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	33.4	—	—	0.045	mg/L	—	—	184210	GF070400P04201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
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Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	28.8	—	—	0.045	mg/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	20.8	—	—	0.045	mg/L	—	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	77.5	—	—	0.045	mg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.2	—	—	0.045	mg/L	—	J	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	28.9	—	—	0.045	mg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	20.7	—	—	0.045	mg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	38.5	—	—	0.02	mg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	323	—	—	5.7	mg/L	H	J	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4	—	—	2.28	mg/L	J	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	24.6	—	—	0.57	mg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	56	—	—	1.63	mg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	34.8	—	—	1.53	mg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	RE	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	38.4	—	—	1.53	mg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	REDP	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	39.6	—	—	1.53	mg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.12	—	—	0.01	SU	H	J	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Geninorg	EPA:150.1	pH	—	7.52	—	—	—	SU	H	J	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	1150	—	—	68	µg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	597	—	—	68	µg/L	—	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	171	—	—	68	µg/L	J	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	563	—	—	68	µg/L	—	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	10500	—	—	68	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1030	—	—	68	µg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	1780	—	—	68	µg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	2420	—	—	68	µg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	1470	—	—	14.4	µg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Barium	—	36.3	—	—	1	µg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	50	—	—	1	µg/L	—	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Barium	—	42.2	—	—	1	µg/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Barium	—	35.8	—	—	1	µg/L	—	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	105	—	—	1	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.8	—	—	1	µg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	52.1	—	—	1	µg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	52.1	—	—	1	µg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	66.6	—	—	0.301	µg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	—	0.28	—	—	0.11	µg/L	J	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	1.3	—	—	1	µg/L	J	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Chromium	<	1	—	—	1	µg/L	U	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Chromium	<	1	—	—	1	µg/L	U	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	7.4	—	—	2.5	µg/L	J	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1	µg/L	J	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	1.3	—	—	1	µg/L	J	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Chromium	<	1	—	—	1	µg/L	U	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Chromium	<	1.43	—	—	1.43	µg/L	U	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Cobalt	—	3	—	—	1	µg/L	J	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	184109	GF070400M04201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	—	2	—	—	1	µg/L	J	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	0.762	—	—	0.762	µg/L	U	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Copper	—	3.5	—	—	3	µg/L	J	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	10.8	—	—	3	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Copper	<	1.8	—	—	1.8	µg/L	U	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Iron	—	636	—	—	25	µg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	257	—	—	18	µg/L	—	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Iron	—	81.9	—	—	18	µg/L	J	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Iron	—	231	—	—	18	µg/L	—	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	6820	—	—	25	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	483	—	—	18	µg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	934	—	—	18	µg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	1260	—	—	18	µg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	826	—	—	18	µg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Lead	—	1.1	—	—	0.5	µg/L	J	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Lead	<	0.5	—	—	0.5	µg/L	U	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.8	Lead	<	0.5	—	—	0.5	µg/L	U	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	19.6	—	—	0.5	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	1.1	—	—	0.5	µg/L	J	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	1.8	—	—	0.5	µg/L	J	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	3.9	—	—	0.5	µg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	2.3	—	—	0.5	µg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	27.6	—	—	2	µg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.1	—	—	2	µg/L	J	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	7.1	—	—	2	µg/L	J	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	5	—	—	2	µg/L	J	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	225	—	—	2	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.1	—	—	2	µg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	31.4	—	—	2	µg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	70.4	—	—	2	µg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	46.5	—	—	0.304	µg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Molybdenum	—	2	—	—	2	µg/L	J	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	23.3	—	—	2	µg/L	—	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Molybdenum	—	19.9	—	—	2	µg/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Molybdenum	—	9.3	—	—	2	µg/L	J	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Molybdenum	—	2.3	—	—	2	µg/L	J	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	22.3	—	—	2	µg/L	—	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Molybdenum	—	18.7	—	—	2	µg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Molybdenum	—	10.5	—	—	2	µg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Molybdenum	—	16.2	—	—	0.948	µg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	1.6	—	—	0.5	µg/L	J	—	202074	GF080100M04201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.9	—	—	0.5	µg/L	J	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	1.2	—	—	0.5	µg/L	J	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Nickel	<	1.3	—	—	1	µg/L	J	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	5.6	—	—	0.5	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	0.5	µg/L	J	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	1.5	—	—	0.5	µg/L	J	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Nickel	<	4.1	—	—	1	µg/L	J	U	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	1.4	—	—	0.5	µg/L	J	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.6	—	—	1	µg/L	J	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1	µg/L	J	J+, JN-	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.7	—	—	1	µg/L	J	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.2	—	—	1	µg/L	J	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	11.1	—	—	1	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1	µg/L	J	J+, JN-	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	1.9	—	—	1	µg/L	J	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	2.9	—	—	1	µg/L	J	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	1.1	—	—	0.732	µg/L	J	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	13.8	—	—	2	µg/L	—	—	202074	GF080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.5	—	—	2	µg/L	J	—	184210	GF070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	3.3	—	—	2	µg/L	J	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	3.7	—	—	2	µg/L	J	—	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	76.4	—	—	2	µg/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/12/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.5	—	—	2	µg/L	J	—	184210	GU070400P04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	11.5	—	—	2	µg/L	—	—	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	11.7	—	—	2	µg/L	—	—	135561	GU05040P04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	13.5	—	—	0.406	µg/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Americium-241	<	0.0177	0.003867	0.0457	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Americium-241	—	0.0403	0.003733	0.035	—	pCi/L	—	J	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Americium-241	—	0.0132	0.002213	0.0089	—	pCi/L	—	J	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Americium-241	<	-2.8	1.08	11.1	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Americium-241	—	0.449	0.013033	0.0322	—	pCi/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	0.046	0.003533	0.0465	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0222	0.003767	0.032	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Americium-241	—	0.0139	0.002697	0.0126	—	pCi/L	—	J	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-4.04	1.436667	15	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.285	0.327	3.25	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.343	0.230333	2.05	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.13	0.179	1.94	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	4.15	0.793333	4.27	—	pCi/L	U	U	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.92	0.41	3.98	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0284	0.232667	2.36	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.29	0.346667	3.72	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.71	0.37	3.89	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.242	0.218	2.35	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.151	0.192	2.04	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	7.66	0.78	4.79	—	pCi/L	UI	R	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.951	0.436667	4.24	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.671	0.245	2.46	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.4	0.373333	4.19	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:900	Gross alpha	<	1.15	0.208	1.85	—	pCi/L	U	U	184109	GF070400M04201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:900	Gross alpha	<	0.368	0.097	1.1	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:900	Gross alpha	—	2.7	0.603333	1.25	—	pCi/L	—	J	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	47	1.61	2.11	—	pCi/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.89	0.300667	1.72	—	pCi/L	—	J	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.334	0.186333	2	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.813	0.255	2.67	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:900	Gross beta	—	15.9	0.516667	3.08	—	pCi/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:900	Gross beta	—	4.19	0.253667	2.63	—	pCi/L	—	J	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:900	Gross beta	—	5.49	0.386667	2.66	—	pCi/L	—	J	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	76.3	2.16	1.38	—	pCi/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	9.19	0.433333	3.1	—	pCi/L	—	J	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	8.21	0.195	1.38	—	pCi/L	—	—	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	4.91	0.321333	2.81	—	pCi/L	—	J	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.45	2.426667	19.4	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.26	1.6	15.6	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.75	1.56	14.6	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.06	3.173333	31.4	—	pCi/L	U	U	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.05	2.796667	26.5	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.46	2.306667	17.4	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.0952	3.466667	19.7	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00173	0.00129	0.0177	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.003333	0.041	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.00304	0.001013	0.0082	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0264	0.005133	0.0439	—	pCi/L	U	U	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00337	0.001587	0.0244	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00225	0.003433	0.047	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	—	0.00862	0.001667	0.0078	—	pCi/L	—	J	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00346	0.00163	0.0256	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00982	0.002173	0.034	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.00719	0.00187	0.0224	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.343	0.010467	0.0516	—	pCi/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.037	0.00291	0.0287	—	pCi/L	—	J	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0314	0.003213	0.039	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.0146	0.002757	0.0309	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.0555	6	36.4	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Potassium-40	<	23.1	2.326667	27.5	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Potassium-40	<	18.7	4.666667	20.5	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.21	9.533333	68.7	—	pCi/L	U	U	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	38.3	9.066667	40.7	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	35.2	2.986667	31.7	—	pCi/L	UI	R	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0	4.533333	54.9	—	pCi/L	U	R	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.234	0.043333	0.42	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.0895	0.038667	0.421	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.138	0.045	0.486	—	pCi/L	U	—	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Radium-226	<	1.48	0.69	4.29	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.467	0.057333	0.434	—	pCi/L	—	J	40970	GF01042E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	F	CS	—	Rad	EPA:901.1	Radium-226	<	3.51	0.48	5.44	—	pCi/L	U	U	40970	GF01042E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.931	0.094667	0.716	—	pCi/L	—	J	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.401	0.050667	0.439	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.983	0.070333	0.407	—	pCi/L	—	—	41784	GU01051E042	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Radium-226	<	1.93	1.493333	8.83	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.462	0.050333	0.357	—	pCi/L	—	J	40970	GU01042E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0	0.65	7.24	—	pCi/L	U	U	40970	GU01042E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.89	0.406667	3.61	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0434	0.188667	2.02	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.686	0.218667	1.84	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.546	0.53	5.11	—	pCi/L	U	U	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.723	0.41	3.99	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.52	0.236	2.54	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.03	0.35	3.89	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.34	0.059	0.345	—	pCi/L	—	—	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.639	0.025667	0.221	—	pCi/L	—	J	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.933	0.039667	0.33	—	pCi/L	—	J	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.84	0.084	0.351	—	pCi/L	—	—	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.08	0.058667	0.378	—	pCi/L	—	J	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	2.31	0.104	0.885	—	pCi/L	—	J	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.485	0.051333	0.454	—	pCi/L	—	J	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-228	<	0.225	0.0186	0.32	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-228	—	0.0602	0.004767	0.0366	—	pCi/L	—	J	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-228	<	0.0128	0.005467	0.0573	—	pCi/L	U	U	40970	GF01042E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.977	0.057667	0.646	—	pCi/L	—	J	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0809	0.016533	0.314	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	06/15/01	WS	UF	DUP	—	Rad	Alpha-Spec	Thorium-228	—	0.431	0.014967	0.0637	—	pCi/L	—	—	43815	GU01061E042	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-228	<	0.03	0.005367	0.062	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-228	—	0.055	0.006267	0.0456	—	pCi/L	—	J	40970	GU01042E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-230	<	0.122	0.011167	0.594	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-230	—	0.0367	0.00307	0.0059	—	pCi/L	—	J-	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-230	—	0.0724	0.004867	0.0184	—	pCi/L	—	—	40970	GF01042E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-230	—	0.744	0.040667	0.648	—	pCi/L	—	J	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.165	0.015067	0.582	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	06/15/01	WS	UF	DUP	—	Rad	Alpha-Spec	Thorium-230	—	0.295	0.0105	0.0154	—	pCi/L	—	—	43815	GU01061E042	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-230	—	0.0437	0.003767	0.0186	—	pCi/L	—	J	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-230	—	0.0662	0.0057	0.0112	—	pCi/L	—	—	40970	GU01042E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-232	<	0.0387	0.0078	0.147	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-232	<	0.0184	0.002427	0.02	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-232	—	0.0175	0.002227	0.0068	—	pCi/L	—	J	40970	GF01042E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.756	0.041333	0.288	—	pCi/L	—	J	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0228	0.0067	0.144	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	06/15/01	WS	UF	DUP	—	Rad	Alpha-Spec	Thorium-232	—	0.303	0.0107	0.0154	—	pCi/L	—	—	43815	GU01061E042	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-232	—	0.0437	0.003767	0.0186	—	pCi/L	—	J	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/18/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-232	—	0.0166	0.002783	0.0112	—	pCi/L	—	J	40970	GU01042E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-234	<	0.156	0.012667	0.165	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0413	0.004233	0.07	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.0391	0.003767	0.0247	—	pCi/L	—	J	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.885	0.04	0.47	—	pCi/L	—	J	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0597	0.012633	0.163	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0674	0.004933	0.073	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.0813	0.006033	0.0306	—	pCi/L	—	J	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0668	0.009	0.104	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.023	0.003273	0.043	—	pCi/L	U	U	135561	GF05040P04201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	-0.000854	0.001217	0.0248	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0653	0.015433	0.233	—	pCi/L	U	U	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.059	0.007833	0.104	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0121	0.002673	0.045	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0176	0.002827	0.0243	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-238	<	0.114	0.010633	0.125	—	pCi/L	U	U	184109	GF070400M04201	GELC
Los Alamos above SR-4	—	—	04/28/05	WM	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0275	0.003273	0.05	—	pCi/L	U	U	135561	GF05040P04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.0541	0.0043	0.0196	—	pCi/L	—	J	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Uranium-238	<	17.8	15.23333	96.3	—	pCi/L	U	U	41784	GF01051E042	GELC
Los Alamos above SR-4	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.766	0.036333	0.277	—	pCi/L	—	J	202074	GU080100M04201	GELC
Los Alamos above SR-4	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0895	0.009667	0.124	—	pCi/L	U	U	184109	GU070400M04201	GELC
Los Alamos above SR-4	—	—	03/18/05	WM	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0409	0.003733	0.052	—	pCi/L	U	U	132859	GU05030M04201	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	119	21.2	125	—	pCi/L	U	U	41784	GU01051E042	GELC
Los Alamos above SR-4	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.0527	0.004567	0.0089	—	pCi/L	—	—	41784	GU01051E042	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	10.1	—	—	0.03	mg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	0.036	mg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	17.2	—	—	0.036	mg/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	14.1	—	—	0.036	mg/L	—	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	10.8	—	—	0.03	mg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	0.036	mg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	17.2	—	—	0.036	mg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	14.4	—	—	0.036	mg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	21.7	—	—	0.00823	mg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.6	—	—	0.425	mg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.8	—	—	0.44	mg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60	—	—	0.44	mg/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.1	—	—	0.085	mg/L	—	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	0.425	mg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.4	—	—	0.44	mg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.7	—	—	0.44	mg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	0.085	mg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77	—	—	0.00823	mg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	1.81	—	—	0.085	mg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.32	—	—	0.085	mg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.15	—	—	0.085	mg/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.85	—	—	0.085	mg/L	—	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.34	—	—	0.085	mg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.3	—	—	0.085	mg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.01	—	—	0.085	mg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	5.56	—	—	0.00332	mg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	7.13	—	—	0.05	mg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.17	—	—	0.05	mg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	4.45	—	—	0.05	mg/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	3.24	—	—	0.05	mg/L	—	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	8.44	—	—	0.05	mg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.2	—	—	0.05	mg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	4.68	—	—	0.05	mg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	3.43	—	—	0.05	mg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	4.32	—	—	0.0372	mg/L	—	—	133022	GU05030M05001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	71.4	—	—	0.045	mg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.6	—	—	0.045	mg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	29.1	—	—	0.045	mg/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	19.6	—	—	0.045	mg/L	—	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	69.3	—	—	0.045	mg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.5	—	—	0.045	mg/L	—	J	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	29.1	—	—	0.045	mg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	20.1	—	—	0.045	mg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	40	—	—	0.02	mg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	250	—	—	5.43	mg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	23	—	—	1.14	mg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	26.8	—	—	1.14	mg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	58	—	—	2.28	mg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	10	—	—	1.91	mg/L	J	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	RE	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	10.5	—	—	1.91	mg/L	J	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	REDP	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	10	—	—	1.91	mg/L	J	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	7.07	—	—	0.01	SU	H	J	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Geninorg	EPA:150.1	pH	—	7.23	—	—	—	SU	H	J	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	1500	—	—	68	µg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	—	436	—	—	68	µg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	179	—	—	68	µg/L	J	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	384	—	—	68	µg/L	N	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	8470	—	—	68	µg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1490	—	—	68	µg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	1780	—	—	68	µg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	1620	—	—	68	µg/L	N	J+	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	970	—	—	14.4	µg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Barium	—	35.1	—	—	1	µg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	51.2	—	—	1	µg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Barium	—	51.3	—	—	1	µg/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Barium	—	36.6	—	—	1	µg/L	—	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	84.1	—	—	1	µg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	57.4	—	—	1	µg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	61	—	—	1	µg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	52.4	—	—	1	µg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	62.2	—	—	0.301	µg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	—	0.2	—	—	0.11	µg/L	J	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6020	Chromium	—	1.2	—	—	1	µg/L	J	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Chromium	<	1	—	—	1	µg/L	U	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Chromium	<	1.5	—	—	1	µg/L	J	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	7.5	—	—	2.5	µg/L	J	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1	µg/L	J	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	1.8	—	—	1	µg/L	J	—	184109	GU070400M05001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Chromium	<	1.7	—	—	1	µg/L	J	U	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Chromium	—	5.5	—	—	1.43	µg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Cobalt	—	4.8	—	—	1	µg/L	J	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	—	1.4	—	—	1	µg/L	J	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	0.762	—	—	0.762	µg/L	U	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Copper	—	3.2	—	—	3	µg/L	J	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	9.4	—	—	3	µg/L	J	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.1	—	—	3	µg/L	J	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	3	—	—	3	µg/L	J	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Copper	<	1.8	—	—	1.8	µg/L	U	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Iron	—	814	—	—	25	µg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	210	—	—	18	µg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Iron	—	95.5	—	—	18	µg/L	J	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Iron	—	172	—	—	18	µg/L	N*	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	5480	—	—	25	µg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	803	—	—	18	µg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	1000	—	—	18	µg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	885	—	—	18	µg/L	N*	J+	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	540	—	—	14.9	µg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Lead	—	1.2	—	—	0.5	µg/L	J	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6020	Lead	—	0.53	—	—	0.5	µg/L	J	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Lead	<	0.5	—	—	0.5	µg/L	U	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.8	Lead	<	0.5	—	—	0.5	µg/L	U	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	14.5	—	—	0.5	µg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6020	Lead	—	2.1	—	—	0.5	µg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	2.9	—	—	0.5	µg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	3.1	—	—	0.5	µg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	0.93	—	—	0.5	µg/L	J	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	39.8	—	—	2	µg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	110	—	—	2	µg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	100	—	—	2	µg/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	15.7	—	—	2	µg/L	—	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	160	—	—	2	µg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	137	—	—	2	µg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	139	—	—	2	µg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	80.7	—	—	2	µg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	32.3	—	—	0.304	µg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	2	—	—	0.5	µg/L	J	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	0.5	µg/L	J	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	0.87	—	—	0.5	µg/L	J	—	184109	GF070400M05001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Nickel	<	2.4	—	—	1	µg/L	J	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	5.2	—	—	0.5	µg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	µg/L	J	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	1.7	—	—	0.5	µg/L	J	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Nickel	<	2.2	—	—	1	µg/L	J	U	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	1.1	—	—	0.5	µg/L	J	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.9	—	—	1	µg/L	J	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	µg/L	J	J+, JN-	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.8	—	—	1	µg/L	J	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Vanadium	<	1.6	—	—	1	µg/L	J	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	8.8	—	—	1	µg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	µg/L	J	JN-, J+	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	2.8	—	—	1	µg/L	J	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	<	2.7	—	—	1	µg/L	J	U	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	<	0.732	—	—	0.732	µg/L	U	UJ	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	21.9	—	—	2	µg/L	—	—	202074	GF080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	F	CS	—	Metals	SW-846:6010B	Zinc	—	77.7	—	—	2	µg/L	—	—	184210	GF070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	67.7	—	—	2	µg/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	5.8	—	—	2	µg/L	J	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	74.2	—	—	2	µg/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/12/07	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	—	85.6	—	—	2	µg/L	—	—	184210	GU070400P05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	88.4	—	—	2	µg/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	15.7	—	—	2	µg/L	—	—	135525	GU05040P05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	19.3	—	—	0.406	µg/L	—	—	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Americium-241	<	0.0172	0.00274	0.0493	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	HASL-300	Americium-241	<	0.00751	0.002213	0.04	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Americium-241	—	0.353	0.011333	0.0331	—	pCi/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0391	0.003257	0.0466	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0151	0.002797	0.034	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Americium-241	<	0.0264	0.002383	0.033	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-12.6	1.72	16.5	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.446	0.393333	3.91	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.339	0.294	3.19	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	5.46	0.73	5.21	—	pCi/L	UI	R	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.27	0.386667	3.97	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.107	0.299667	3.28	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	4.42	1.543333	4.9	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.08	0.55	4.38	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.819	0.332667	3.5	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.448	0.496667	4.96	—	pCi/L	U	U	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.63	0.423333	4.4	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.765	0.322	3.86	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.12	0.513333	5.22	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:900	Gross alpha	<	1.29	0.244	2.2	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:900	Gross alpha	<	1.35	0.194333	1.91	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.65	0.286	1.67	—	pCi/L	—	J	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.4	0.423333	1.92	—	pCi/L	—	J	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.205	0.11	1.31	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0526	0.155333	2.06	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:900	Gross beta	—	9.61	0.426667	2.94	—	pCi/L	—	—	184109	GF070400M05001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:900	Gross beta	—	3.28	0.178667	1.69	—	pCi/L	—	J	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	23.6	1.003333	4.05	—	pCi/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	13.4	0.453333	2.78	—	pCi/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	9.27	0.202	1.37	—	pCi/L	—	J	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	8.64	0.2	1.32	—	pCi/L	—	—	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.49	3.073333	26.8	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.35	3.07	22.1	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.69	3.216667	32.1	—	pCi/L	U	U	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.32	2.643333	25.2	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.1	4.033333	21.6	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17.8	2.986667	28	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00193	0.001703	0.0198	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0196	0.00273	0.037	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0195	0.0039	0.0357	—	pCi/L	U	U	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.00213	0.0248	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00986	0.006467	0.051	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.0112	0.001983	0.035	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.001287	0.0286	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00712	0.00168	0.031	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.424	0.0108	0.0419	—	pCi/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0972	0.0046	0.0291	—	pCi/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00246	0.005133	0.043	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.0224	0.00281	0.036	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.3	7.933333	53.7	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:901.1	Potassium-40	<	20.5	3.866667	45.7	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	55.6	9.233333	47.2	—	pCi/L	UI	R	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	25.4	9.9	32.1	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.79	6	41.7	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21.8	11.46667	58.7	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.359	0.040333	0.316	—	pCi/L	—	J	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.456	0.053667	0.385	—	pCi/L	—	J	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.426	0.049	0.394	—	pCi/L	—	—	41784	GF01051E050	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	F	CS	—	Rad	EPA:901.1	Radium-226	<	0.0281	1.363333	6.04	—	pCi/L	U	U	41784	GF01051E050	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.347	0.065	0.623	—	pCi/L	U	U	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.524	0.049333	0.385	—	pCi/L	—	J	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.0847	1.583333	10.4	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.542	0.050667	0.315	—	pCi/L	—	J	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.82	1.403333	7.12	—	pCi/L	U	U	41784	GU01051E050	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.775	0.06	0.117	—	pCi/L	—	—	41784	GU01051E050	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:901.1	Sodium-22	<	4.11	0.45	4.54	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.667	0.248	2.61	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.39	0.51	5.44	—	pCi/L	U	U	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.136	0.436667	3.67	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.874	0.323	3.88	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.326	0.456667	4.91	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	EPA:905.0	Strontium-90	—	2.02	0.073667	0.385	—	pCi/L	—	—	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.874	0.0311	0.244	—	pCi/L	—	—	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	2.91	0.118	0.428	—	pCi/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.98	0.071667	0.381	—	pCi/L	—	—	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.36	0.064	0.574	—	pCi/L	—	J	133022	GU05030M05001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	GFPC	Strontium-90	—	3.1	0.135	—	—	pCi/L	—	—	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-228	<	0.106	0.015767	0.298	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-228	<	0.0265	0.012567	0.163	—	pCi/L	U	U	41784	GF01051E050	GELC
Los Alamos below LA Weir	—	—	04/18/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-228	<	0.0432	0.006867	0.0639	—	pCi/L	U	U	40970	GF01042E050	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-228	—	1.43	0.067	0.661	—	pCi/L	—	J	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.15	0.016333	0.346	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-228	<	0.0309	0.004467	0.092	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	DUP	—	Rad	Alpha-Spec	Thorium-228	<	0.00327	0.004467	0.088	—	pCi/L	U	—	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-228	—	0.133	0.007967	0.052	—	pCi/L	—	J	41784	GU01051E050	GELC
Los Alamos below LA Weir	—	—	04/18/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-228	<	0.0817	0.0154	0.149	—	pCi/L	U	U	40970	GU01042E050	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-230	<	0.119	0.0126	0.553	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-230	—	0.12	0.0098	0.0543	—	pCi/L	—	J	41784	GF01051E050	GELC
Los Alamos below LA Weir	—	—	04/18/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-230	—	0.0573	0.004967	0.028	—	pCi/L	—	J	40970	GF01042E050	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-230	—	0.732	0.040667	0.663	—	pCi/L	—	J	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.1	0.012033	0.642	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-230	<	0.067	0.004667	0.17	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	DUP	—	Rad	Alpha-Spec	Thorium-230	<	0.0429	0.004	0.164	—	pCi/L	U	—	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-230	—	0.0923	0.0057	0.0074	—	pCi/L	—	—	41784	GU01051E050	GELC
Los Alamos below LA Weir	—	—	04/18/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-230	—	0.121	0.008967	0.0481	—	pCi/L	—	J	40970	GU01042E050	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Thorium-232	<	4.29E-10	0.0034	0.137	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-232	—	0.0483	0.006133	0.043	—	pCi/L	—	J	41784	GF01051E050	GELC
Los Alamos below LA Weir	—	—	04/18/01	WM	F	CS	—	Rad	Alpha-Spec	Thorium-232	<	0.0121	0.002853	0.028	—	pCi/L	U	U	40970	GF01042E050	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.955	0.046333	0.295	—	pCi/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0251	0.0074	0.159	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-232	<	0.0155	0.00307	0.042	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	DUP	—	Rad	Alpha-Spec	Thorium-232	<	0.00641	0.00214	0.041	—	pCi/L	U	—	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	05/02/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-232	—	0.0977	0.0059	0.0074	—	pCi/L	—	—	41784	GU01051E050	GELC
Los Alamos below LA Weir	—	—	04/18/01	WM	UF	CS	—	Rad	Alpha-Spec	Thorium-232	<	0.0313	0.004533	0.0329	—	pCi/L	U	U	40970	GU01042E050	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0855	0.0127	0.18	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0476	0.003467	0.065	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.766	0.037333	0.479	—	pCi/L	—	J	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.126	0.010933	0.172	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0667	0.005367	0.07	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.096	0.005767	0.068	—	pCi/L	—	J	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0406	0.0098	0.114	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0195	0.002193	0.04	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0665	0.013633	0.237	—	pCi/L	U	U	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0389	0.005833	0.109	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0115	0.00278	0.043	—	pCi/L	U	U	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0246	0.003293	0.042	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0657	0.009867	0.137	—	pCi/L	U	U	184109	GF070400M05001	GELC
Los Alamos below LA Weir	—	—	04/27/05	WM	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0346	0.002937	0.046	—	pCi/L	U	U	135525	GF05040P05001	GELC
Los Alamos below LA Weir	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.887	0.041667	0.281	—	pCi/L	—	—	202074	GU080100M05001	GELC
Los Alamos below LA Weir	—	—	04/10/07	WM	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0944	0.008833	0.131	—	pCi/L	U	U	184109	GU070400M05001	GELC
Los Alamos below LA Weir	—	—	03/22/05	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0529	0.004867	0.05	—	pCi/L	—	J	133022	GU05030M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	Alpha-Spec	Uranium-238	<	0.0424	0.003667	0.048	—	pCi/L	U	U	111877	GU04040M05001	GELC
Los Alamos below LA Weir	—	—	04/28/04	WM	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	397	20.03333	176	—	pCi/L	UI	R	111877	GU04040M05001	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	75.4	—	—	0.73	mg/L	—	NQ	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	114	—	—	0.725	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	71.9	—	—	0.725	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	91.6	—	—	0.725	mg/L	—	—	169145	GF06070G1OAP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	80.4	—	—	1.45	mg/L	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	92.2	—	—	0.725	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	111	—	—	0.66	mg/L	—	NQ	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.3	—	—	0.33	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	74.6	—	—	0.66	mg/L	—	J	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	29.9	—	—	0.33	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.7	—	—	0.265	mg/L	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	29.9	—	—	0.33	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.12	—	—	0.033	mg/L	—	J-	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.249	—	—	0.033	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.205	—	—	0.033	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.228	—	—	0.033	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.249	—	—	0.03	mg/L	—	J+	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.218	—	—	0.033	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.423	—	—	0.01	mg/L	—	NQ	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.069	—	—	0.01	mg/L	—	J-	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.382	—	—	0.01	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	2.39	—	—	0.014	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.152	—	—	0.003	mg/L	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	2.41	—	—	0.014	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.154	—	—	0.05	µg/L	J	J	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0673	—	—	0.05	µg/L	J	J	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.223	—	—	0.05	µg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	1.86	—	—	0.1	µg/L	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	25.6	—	—	0.032	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	19.3	—	—	0.032	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29.2	—	—	0.032	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	0.032	mg/L	—	J-	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	32.2	—	—	0.032	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	575	—	—	1	µS/cm	—	NQ	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	429	—	—	1	µS/cm	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	482	—	—	1	µS/cm	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	350	—	—	1	µS/cm	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	342	—	—	1	µS/cm	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	348	—	—	1	µS/cm	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.3	—	—	0.1	mg/L	—	NQ	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	0.1	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.2	—	—	0.1	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.1	—	—	0.1	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	24.4	—	—	0.057	mg/L	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.1	—	—	0.1	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	365	—	—	2.4	mg/L	—	NQ	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	773	—	—	2.38	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	253	—	—	2.38	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	237	—	—	2.38	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	230	—	—	2.38	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	235	—	—	2.38	mg/L	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.141	—	—	0.029	mg/L	—	J-, JN-	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.282	—	—	0.029	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.305	—	—	0.01	mg/L	—	J+	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.258	—	—	0.01	mg/L	—	—	136564	GF0505G1OAP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
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Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-1	5561	5.89	01/17/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.173	—	—	0.029	mg/L	—	NQ	08-531	CAPU-08-9768	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.128	—	—	0.029	mg/L	—	J-, JN-	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.205	—	—	0.029	mg/L	—	—	184854	GU07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.313	—	—	0.01	mg/L	—	J+	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	11	—	—	0.074	mg/L	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.86	—	—	0.33	mg/L	—	NQ	08-531	CAPU-08-9768	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.02	—	—	0.33	mg/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.32	—	—	0.33	mg/L	—	—	184854	GU07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	8.75	—	—	0.66	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.186	—	—	0.024	mg/L	—	J	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.325	—	—	0.024	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.297	—	—	0.024	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.334	—	—	0.01	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.277	—	—	0.01	mg/L	—	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.346	—	—	0.01	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.51	—	—	0.01	SU	H	J-	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.18	—	—	0.01	SU	H	J	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	0.01	SU	H	J	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	0.01	SU	H	J	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.83	—	—	0.01	SU	H	J	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.09	—	—	0.01	SU	H	J	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	17.1	—	—	0.032	mg/L	—	NQ	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.202	0.046	0.458	—	pCi/L	U	U	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	05/28/02	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	2.88	1.266667	5.9	—	pCi/L	U	U	833S	CAPU-02-45061	GEL
PAO-1	5561	5.89	10/30/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	4.98	0.666667	7.7	—	pCi/L	U	U	122S	CAPU-01-0199	GEL
PAO-1	5561	5.89	01/17/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.342	0.07	0.69	—	pCi/L	U	U	08-531	CAPU-08-9768	GELC
PAO-1	5561	5.89	05/28/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0	1.033333	10	—	pCi/L	U	U	833S	CAPU-02-45062	GEL
PAO-1	5561	5.89	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0	1.233333	6.1	—	pCi/L	U	U	122S	CAPU-01-0200	GEL
PAO-1	5561	5.89	05/28/02	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	9.43	1.133333	13	—	pCi/L	U	U	833S	CAPU-02-45061	GEL
PAO-1	5561	5.89	10/30/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	2.24	1.066667	13	—	pCi/L	U	U	122S	CAPU-01-0199	GEL
PAO-1	5561	5.89	01/17/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.739	0.09	0.79	—	pCi/L	U	U	08-531	CAPU-08-9768	GELC
PAO-1	5561	5.89	05/28/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	1.733333	19	—	pCi/L	U	U	833S	CAPU-02-45062	GEL
PAO-1	5561	5.89	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5.5599999	1.9	14	—	pCi/L	U	U	122S	CAPU-01-0200	GEL
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	154	—	—	0.73	mg/L	—	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	278	—	—	0.725	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	290	—	—	0.725	mg/L	—	—	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	169	—	—	0.725	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/23/02	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	197	—	—	0.73	mg/L	—	NQ	815S	CAPU-02-45065	GEL
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	167	—	—	0.725	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	10.3	—	—	0.3	mg/L	—	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	30.3	—	—	1.5	mg/L	—	J	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	24.3	—	—	0.6	mg/L	—	J	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	3.01	—	—	0.05	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	4.03	—	—	0.05	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44.5	—	—	0.33	mg/L	—	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.5	—	—	0.66	mg/L	—	J	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45	—	—	0.33	mg/L	—	—	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	55.9	—	—	0.33	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	50.4	—	—	0.265	mg/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	56.6	—	—	0.33	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.446	—	—	0.033	mg/L	—	J-	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.406	—	—	0.033	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.553	—	—	0.033	mg/L	—	—	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.448	—	—	0.033	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.407	—	—	0.03	mg/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.434	—	—	0.033	mg/L	—	—	169145	GU06070G4OAP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0596	—	—	0.05	ug/L	J	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	15.7	—	—	4	ug/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	0.05	ug/L	U	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	0.05	ug/L	U	—	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	20	—	—	20	ug/L	U	—	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.051	—	—	0.05	ug/L	J	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	ug/L	U	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	ug/L	U	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	ug/L	U	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	80.4	—	—	0.032	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	62.9	—	—	0.032	mg/L	—	—	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.1	—	—	0.032	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	57.5	—	—	0.032	mg/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.6	—	—	0.032	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	507	—	—	1	µS/cm	—	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	762	—	—	1	µS/cm	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	773	—	—	1	µS/cm	—	—	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	640	—	—	1	µS/cm	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	577	—	—	1	µS/cm	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	634	—	—	1	µS/cm	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.3	—	—	0.1	mg/L	—	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.03	—	—	0.1	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.69	—	—	0.1	mg/L	—	—	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	50.2	—	—	0.5	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.2	—	—	0.057	mg/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	50.7	—	—	0.5	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	311	—	—	2.4	mg/L	—	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	382	—	—	2.38	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	377	—	—	2.38	mg/L	—	J	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	319	—	—	2.38	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	436	—	—	2.38	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	347	—	—	2.38	mg/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	29.7	—	—	0.29	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	22.7	—	—	0.29	mg/L	—	J	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	3.22	—	—	0.01	mg/L	—	J+	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	8.35	—	—	0.05	mg/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	6.67	—	—	0.29	mg/L	—	NQ	08-526	CAPU-08-9767	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	29.7	—	—	0.29	mg/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	23.4	—	—	0.29	mg/L	—	J	184713	GU07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	3.77	—	—	0.01	mg/L	—	J+	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.39	—	—	0.074	mg/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.29	—	—	0.33	mg/L	—	NQ	08-526	CAPU-08-9767	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	11.6	—	—	0.66	mg/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	12.2	—	—	0.33	mg/L	—	—	184713	GU07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	18.4	—	—	0.66	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.98	—	—	0.12	mg/L	—	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	9.73	—	—	0.12	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	6.2	—	—	0.24	mg/L	—	J	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.04	—	—	0.01	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.6	—	—	0.01	mg/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.04	—	—	0.01	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.26	—	—	0.01	SU	H	J-	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.96	—	—	0.01	SU	H	J	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	04/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.11	—	—	0.01	SU	H	J	184713	GF07040G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.58	—	—	0.01	SU	H	J	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.42	—	—	0.01	SU	H	J	136321	GF0505G4OAP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.57	—	—	0.01	SU	H	J	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.3	—	—	0.032	mg/L	—	NQ	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.584	0.056667	0.441	—	pCi/L	—	J	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	05/23/02	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	0	0.666667	7.1	—	pCi/L	U	R	818S	CAPU-02-45065	GEL
PAO-4	5591	1.97	10/31/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	2.9400001	0.933333	8.2	—	pCi/L	U	U	139S	CAPU-01-0205	GEL
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.562	0.076667	0.66	—	pCi/L	U	U	08-526	CAPU-08-9767	GELC
PAO-4	5591	1.97	05/23/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0	0.633333	7	—	pCi/L	U	R	818S	CAPU-02-45066	GEL
PAO-4	5591	1.97	10/31/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.369	0.9	5.3	—	pCi/L	U	U	139S	CAPU-01-0206	GEL
PAO-4	5591	1.97	05/23/02	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	2.15	1.066667	11	—	pCi/L	U	U	818S	CAPU-02-45065	GEL
PAO-4	5591	1.97	10/31/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	7.8000002	1.766667	16	—	pCi/L	U	U	139S	CAPU-01-0205	GEL
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.56	0.07	0.61	—	pCi/L	U	U	08-526	CAPU-08-9767	GELC
PAO-4	5591	1.97	05/23/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	1.1	12	—	pCi/L	U	R	818S	CAPU-02-45066	GEL
PAO-4	5591	1.97	10/31/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	4.9099998	1.466667	10	—	pCi/L	U	U	139S	CAPU-01-0206	GEL
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	175	—	—	0.73	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	151	—	—	0.725	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	179	—	—	0.725	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	296	—	—	0.725	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	69.8	—	—	0.725	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	166	—	—	1.45	mg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.155	—	—	0.066	mg/L	J	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.179	—	—	0.066	mg/L	J	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.174	—	—	0.066	mg/L	J	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.116	—	—	0.066	mg/L	J	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	—	0.13	—	—	0.066	mg/L	J	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	<	0.041	—	—	0.041	mg/L	U	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	53	—	—	0.03	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	48.2	—	—	0.03	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	47.1	—	—	0.036	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	47.6	—	—	0.036	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	53	—	—	0.03	mg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.3	—	—	0.03	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.9	—	—	0.036	mg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	49.4	—	—	0.036	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	46.9	—	—	0.036	mg/L	—	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.8	—	—	0.66	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.5	—	—	0.66	mg/L	—	J	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.3	—	—	0.33	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44.4	—	—	0.33	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	44.1	—	—	0.33	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	42.1	—	—	0.265	mg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.289	—	—	0.033	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.301	—	—	0.033	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.33	—	—	0.033	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.302	—	—	0.033	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.319	—	—	0.033	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.3	—	—	0.03	mg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	184	—	—	0.43	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	171	—	—	0.425	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	168	—	—	0.44	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	169	—	—	0.085	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	186	—	—	0.43	mg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	196	—	—	0.425	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	181	—	—	0.44	mg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	175	—	—	0.085	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	165	—	—	0.085	mg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.6	—	—	0.085	mg/L	—	NQ	08-552	CAPU-08-9906	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.4	—	—	0.085	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.1	—	—	0.085	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.1	—	—	0.085	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.1	—	—	0.085	mg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	14.7	—	—	0.085	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.1	—	—	0.085	mg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.5	—	—	0.085	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	11.6	—	—	0.085	mg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	7.65	—	—	0.1	mg/L	—	J-	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	6.68	—	—	0.25	mg/L	—	J	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	7.48	—	—	0.1	mg/L	—	J	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	5.2	—	—	0.07	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	4.8	—	—	0.003	mg/L	—	—	136186	GF05050G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	5.06	—	—	0.07	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	4.23	—	—	0.03	mg/L	—	—	137585	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.246	—	—	0.05	µg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	0.05	µg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	0.05	µg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.282	—	—	0.05	µg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.266	—	—	0.05	µg/L	—	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.16	—	—	0.05	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.3	—	—	0.05	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.66	—	—	0.05	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.94	—	—	0.05	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.67	—	—	0.05	mg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.61	—	—	0.05	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.46	—	—	0.05	mg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.28	—	—	0.05	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.37	—	—	0.05	mg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	53.9	—	—	0.032	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	53	—	—	0.032	mg/L	—	J	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	53.3	—	—	0.032	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.2	—	—	0.032	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	52.1	—	—	0.032	mg/L	—	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	53	—	—	0.045	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	48.3	—	—	0.045	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.1	—	—	0.045	mg/L	E	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.9	—	—	0.045	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	FB	Geninorg	SW-846:6010B	Sodium	—	0.302	—	—	0.045	mg/L	—	NQ	08-552	CAPU-08-9904	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	52.3	—	—	0.045	mg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.3	—	—	0.045	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	53.7	—	—	0.045	mg/L	E	J	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	46.7	—	—	0.045	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.8	—	—	0.045	mg/L	—	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	576	—	—	1	µS/cm	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	595	—	—	1	µS/cm	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	621	—	—	1	µS/cm	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	578	—	—	1	µS/cm	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	470	—	—	1	µS/cm	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	553	—	—	1	µS/cm	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	26.5	—	—	0.1	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	22.5	—	—	0.1	mg/L	—	—	190796	GF070700G4OP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	23.6	—	—	0.1	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	23	—	—	0.1	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	23.1	—	—	0.1	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	21.4	—	—	0.057	mg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	393	—	—	2.4	mg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	391	—	—	2.38	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	367	—	—	2.38	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	366	—	—	2.38	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	366	—	—	2.38	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	358	—	—	2.38	mg/L	H	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.245	—	—	0.029	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.207	—	—	0.029	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.125	—	—	0.01	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.071	—	—	0.029	mg/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.219	—	—	0.029	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.143	—	—	0.029	mg/L	—	JN-	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.01	—	—	0.01	mg/L	U	R, UJ	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.276	—	—	0.01	mg/L	—	JN-	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.74	—	—	0.33	mg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.48	—	—	0.33	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.73	—	—	0.33	mg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.37	—	—	0.33	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.48	—	—	0.074	mg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.34	—	—	0.024	mg/L	—	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.14	—	—	0.024	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.08	—	—	0.024	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.13	—	—	0.01	mg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.868	—	—	0.01	mg/L	—	—	136186	GF05050G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.08	—	—	0.01	mg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.731	—	—	0.01	mg/L	—	—	137585	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.38	—	—	0.01	SU	H	J-	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	0.01	SU	H	J	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.99	—	—	0.01	SU	H	J	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	0.01	SU	H	J	168963	GF060700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	0.01	SU	H	J	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2860	—	—	68	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4750	—	—	68	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.7	—	—	1.5	µg/L	J	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	4.6	—	—	1.5	µg/L	J	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.2	—	—	1.5	µg/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	4.3	—	—	1.5	µg/L	J	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.4	—	—	1.5	µg/L	J	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	117	—	—	1	µg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	106	—	—	1	µg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	108	—	—	1	µg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	114	—	—	1	µg/L	—	—	168963	GF060700G4OP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	131	—	—	1	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	151	—	—	1	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	118	—	—	1	µg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	118	—	—	1	µg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	107	—	—	1	µg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	246	—	—	10	µg/L	—	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	230	—	—	10	µg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	223	—	—	10	µg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	235	—	—	10	µg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	237	—	—	10	µg/L	—	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	252	—	—	10	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	242	—	—	10	µg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	244	—	—	10	µg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	216	—	—	10	µg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1	µg/L	J	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.3	—	—	1	µg/L	J	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2.6	—	—	1	µg/L	J	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.7	—	—	2.5	µg/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.5	—	—	1	µg/L	J	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.6	—	—	1	µg/L	J	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1	µg/L	U	UJ	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.9	—	—	1	µg/L	J	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1	µg/L	J	JN-	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1.6	—	—	1	µg/L	J	U	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.7	—	—	1	µg/L	J	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.4	—	—	1	µg/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.7	—	—	1	µg/L	J	JN-	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	2.3	—	—	1	µg/L	J	U	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.8	—	—	1	µg/L	J	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1	µg/L	J	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	6.1	—	—	3	µg/L	J	J-	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	R	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3.9	—	—	3	µg/L	J	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.5	—	—	3	µg/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	9.2	—	—	3	µg/L	J	J-	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	4.6	—	—	3	µg/L	J	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	31.5	—	—	25	µg/L	J	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	27.8	—	—	18	µg/L	J	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2130	—	—	25	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3650	—	—	25	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	57.6	—	—	18	µg/L	J	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.1	—	—	0.5	µg/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.6	—	—	0.5	µg/L	J	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	190796	GF070700G4OP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.7	—	—	2	µg/L	J	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	31.7	—	—	2	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	53.9	—	—	2	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.7	—	—	2	µg/L	J	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	<	1	—	—	1	µg/L	U	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2	µg/L	J	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2	µg/L	J	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2	µg/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2	µg/L	J	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.8	—	—	2	µg/L	J	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.3	—	—	0.1	µg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.2	—	—	0.5	µg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.1	—	—	0.5	µg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.1	—	—	0.5	µg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.9	—	—	0.5	µg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	12.9	—	—	0.5	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	13.8	—	—	0.5	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.5	—	—	0.5	µg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.5	—	—	0.5	µg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	8.6	—	—	1	µg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.7	—	—	0.032	µg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	269	—	—	1	µg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	237	—	—	1	µg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	243	—	—	1	µg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	243	—	—	1	µg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	275	—	—	1	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	277	—	—	1	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	260	—	—	1	µg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	252	—	—	1	µg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	242	—	—	1	µg/L	—	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.6	—	—	0.05	µg/L	—	NQ	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.1	—	—	0.05	µg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3	—	—	0.05	µg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	0.05	µg/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.6	—	—	0.05	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.2	—	—	0.05	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.1	—	—	0.05	µg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.8	—	—	0.05	µg/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.74	—	—	0.02	µg/L	—	—	115711	GU04060G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	DUP	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	0.02	µg/L	—	—	115697	GU04060G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.2	—	—	1	µg/L	J	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.3	—	—	1	µg/L	J	JN-	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4	—	—	1	µg/L	J	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1	µg/L	J	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1	µg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.4	—	—	1	µg/L	J	U	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1	µg/L	J	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1	µg/L	J	JN-	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.2	—	—	2	µg/L	J	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.4	—	—	2	µg/L	J	—	190796	GF070700G4OP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.9	—	—	2	µg/L	J	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.9	—	—	2	µg/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.1	—	—	2	µg/L	J	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.5	—	—	2	µg/L	J	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.5	—	—	2	µg/L	J	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.3	—	—	2	µg/L	J	—	136186	GU05050G4OP01	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.154	0.04	0.39	—	pCi/L	U	U	08-552	CAPU-08-9905	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.231	0.042667	0.408	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.23	0.042333	0.394	—	pCi/L	U	U	115711	GU04060G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	6.91	1.963333	14.3	—	pCi/L	U	U	115711	GU04060G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	—	0.765	0.075333	0.541	—	pCi/L	—	—	115578	GU04060G4OP01	GELC
POI-4	4291	159	08/20/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.21	1.583333	7.86	—	pCi/L	U	U	86692	GU03080G4OP01	GELC
POI-4	4291	159	08/20/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.532	0.041333	0.225	—	pCi/L	—	J	86692	GU03080G4OP01	GELC
POI-4	4291	159	08/01/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.522	0.89	5.57	—	pCi/L	U	U	46853	GU01091G4OP	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.65	0.056667	0.45	—	pCi/L	—	NQ	08-552	CAPU-08-9905	GELC
POI-4	4291	159	06/24/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0.18	3.256667	26.1	—	pCi/L	U	U	115711	GU04060G4OP01	GELC
POI-4	4291	159	08/20/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	2.28	2.22	18.3	—	pCi/L	U	U	86692	GU03080G4OP01	GELC
POI-4	4291	159	08/01/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.17	1.093333	12.8	—	pCi/L	U	U	46853	GU01091G4OP	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	105	—	—	0.73	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	199	—	—	0.725	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	202	—	—	0.725	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	215	—	—	0.725	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	227	—	—	1.45	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	227	—	—	1.45	mg/L	—	—	114589	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	221	—	—	0.725	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.094	—	—	0.06	mg/L	J	J-	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	20.8	—	—	0.6	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	19.6	—	—	1.5	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	26.6	—	—	1	mg/L	—	J	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	23.1	—	—	1	mg/L	—	J	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.5	—	—	0.03	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.03	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	0.036	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	0.036	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:200.7	Calcium	—	31.4	—	—	0.00823	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:200.7	Calcium	—	32.4	—	—	0.00823	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	0.03	mg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	0.03	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.9	—	—	0.036	mg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26	—	—	0.036	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Calcium	—	32.2	—	—	0.00823	mg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	52.9	—	—	0.33	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	39.8	—	—	0.33	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.2	—	—	0.33	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.8	—	—	0.33	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	39.7	—	—	0.322	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:300.0	Chloride	—	39.2	—	—	0.322	mg/L	—	—	115040	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	45.6	—	—	0.33	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.394	—	—	0.033	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.418	—	—	0.033	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.449	—	—	0.033	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.46	—	—	0.033	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.661	—	—	0.0553	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:300.0	Fluoride	—	0.675	—	—	0.0553	mg/L	—	—	115040	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.456	—	—	0.033	mg/L	—	—	168313	GU060700P3LP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.6	—	—	0.43	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.1	—	—	0.425	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.5	—	—	0.44	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	97.5	—	—	0.085	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:200.7	Hardness	—	107	—	—	0.00823	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.9	—	—	0.43	mg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.4	—	—	0.425	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	112	—	—	0.44	mg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	99.9	—	—	0.085	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.41	—	—	0.085	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.84	—	—	0.085	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.7	—	—	0.085	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.26	—	—	0.085	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	6.97	—	—	0.00332	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:200.7	Magnesium	—	7.17	—	—	0.00332	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.44	—	—	0.085	mg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.78	—	—	0.085	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.63	—	—	0.085	mg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.51	—	—	0.085	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Magnesium	—	7.23	—	—	0.00332	mg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	7.33	—	—	0.1	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	0.01	mg/L	U	UJ	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.35	—	—	0.1	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.0206	—	—	0.014	mg/L	J	JN-, J+	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	0.01	mg/L	U	R	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.0168	—	—	0.014	mg/L	J	JN-, J+	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	0.01	mg/L	U	R	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.0168	—	—	0.014	mg/L	J	JN-, J+	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.73	—	—	0.1	µg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	17	—	—	4	µg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	25.8	—	—	8	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.117	—	—	0.05	µg/L	J	J-	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	—	7.36	—	—	4	µg/L	J	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Geninorg	EPA:314.0	Perchlorate	—	8.06	—	—	4	µg/L	J	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.3	—	—	0.05	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	17.9	—	—	0.05	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.3	—	—	0.05	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	17.3	—	—	0.05	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:200.7	Potassium	—	17.4	—	—	0.0372	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:200.7	Potassium	—	17.8	—	—	0.0372	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.2	—	—	0.05	mg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.1	—	—	0.05	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.1	—	—	0.05	mg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	17.5	—	—	0.05	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Potassium	—	18	—	—	0.0372	mg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	83.4	—	—	0.032	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.4	—	—	0.032	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	76.7	—	—	0.032	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	68.1	—	—	0.0122	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:200.7	Silicon Dioxide	—	75.3	—	—	0.0122	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	80.2	—	—	0.032	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Silicon Dioxide	—	76.1	—	—	0.0122	mg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.8	—	—	0.045	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	64.2	—	—	0.045	mg/L	—	—	190281	GF070700P3LP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
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Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	60.8	—	—	0.045	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.2	—	—	0.045	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:200.7	Sodium	—	68.9	—	—	0.02	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:200.7	Sodium	—	71.4	—	—	0.02	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	66.8	—	—	0.045	mg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.1	—	—	0.045	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.6	—	—	0.045	mg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.1	—	—	0.045	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Sodium	—	71.9	—	—	0.02	mg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	530	—	—	1	µS/cm	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	663	—	—	1	µS/cm	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	689	—	—	1	µS/cm	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	653	—	—	1	µS/cm	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	601	—	—	1	µS/cm	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	SW-846:9050A	Specific Conductance	—	599	—	—	1	µS/cm	—	—	114589	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	640	—	—	1	µS/cm	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	21.2	—	—	0.1	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.5	—	—	0.1	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	26	—	—	0.1	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.2	—	—	0.1	mg/L	—	J+	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.6	—	—	0.193	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:300.0	Sulfate	—	13.6	—	—	0.193	mg/L	—	—	115040	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.7	—	—	0.1	mg/L	—	J+	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	341	—	—	2.4	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	338	—	—	2.38	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	321	—	—	2.38	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	398	—	—	2.38	mg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	379	—	—	2.38	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	410	—	—	3.07	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	389	—	—	3.07	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	27.9	—	—	0.29	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	28.8	—	—	0.29	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	26.9	—	—	0.1	mg/L	—	J	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.44	—	—	0.029	mg/L	—	J+	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	29.8	—	—	0.29	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	71.8	—	—	1.45	mg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	25.9	—	—	0.1	mg/L	—	J	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.27	—	—	0.33	mg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	23.7	—	—	0.66	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	53.1	—	—	1.65	mg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	19.6	—	—	0.66	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	05/23/02	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	20.1	—	—	0.13	mg/L	—	NQ	819S	CAPU-02-45082	GEL
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	3.9	—	—	0.12	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	6.74	—	—	0.24	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	4.95	—	—	0.24	mg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	8.46	—	—	0.1	mg/L	—	J	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	5.45	—	—	0.055	mg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	8.95	—	—	0.1	mg/L	—	J	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	75.6	—	—	2.3	mg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	8.8	—	—	1.53	mg/L	J	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Geninorg	EPA:160.2	Total Suspended Solids	—	8	—	—	1.53	mg/L	J	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	07/29/03	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	11	—	—	0.764	mg/L	—	—	85116	GU03070W3LP01	GELC
Pueblo 3	—	—	04/30/02	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	24.8	—	—	1.4	mg/L	—	—	59746	GU02041W3LP	GELC
Pueblo 3	—	—	04/30/02	WS	UF	DUP	—	Geninorg	EPA:160.2	Total Suspended Solids	—	28	—	—	1.4	mg/L	—	—	59746	GU02041W3LP	GELC
Pueblo 3	—	—	04/03/01	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	182	—	—	2.33	mg/L	—	—	40244	GU01041W3LP	GELC
Pueblo 3	—	—	04/03/01	WS	UF	DUP	—	Geninorg	EPA:160.2	Total Suspended Solids	—	191	—	—	2.33	mg/L	—	—	40296	GU01041W3LP	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	04/03/01	WS	UF	TRP	—	Geninorg	EPA:160.2	Total Suspended Solids	—	191	—	—	2.33	mg/L	—	—	40244	GU01041W3LP	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	0.01	SU	H	J-	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	0.01	SU	H	J	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	0.01	SU	H	J	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	0.01	SU	H	J	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.53	—	—	—	SU	H	J	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Geninorg	EPA:150.1	pH	—	7.52	—	—	—	SU	H	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	0.01	SU	H	J	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	82.2	—	—	68	µg/L	J	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	253	—	—	68	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Aluminum	—	132	—	—	14.4	µg/L	—	J-	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Aluminum	—	136	—	—	14.4	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	810	—	—	68	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	139	—	—	68	µg/L	J	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	8820	—	—	68	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1370	—	—	68	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Aluminum	—	49	—	—	14.4	µg/L	B	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	20.1	—	—	1	µg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	22	—	—	1	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	49.4	—	—	1	µg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Barium	—	46.6	—	—	0.301	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Barium	—	47.5	—	—	0.301	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.7	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	22	—	—	1	µg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	271	—	—	1	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	83.3	—	—	1	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Barium	—	22.4	—	—	0.301	µg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	285	—	—	10	µg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	306	—	—	10	µg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	242	—	—	10	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	285	—	—	10	µg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Boron	—	288	—	—	1.39	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Boron	—	298	—	—	1.39	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	284	—	—	10	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	311	—	—	10	µg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	273	—	—	10	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	281	—	—	10	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Boron	—	303	—	—	1.39	µg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.8	—	—	1	µg/L	J	J	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.2	—	—	1	µg/L	J	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Cobalt	—	1.87	—	—	0.762	µg/L	B	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Cobalt	—	1.28	—	—	0.762	µg/L	B	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.5	—	—	1	µg/L	J	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	3.1	—	—	1	µg/L	J	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Cobalt	<	0.762	—	—	0.762	µg/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	5	—	—	3	µg/L	J	J	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	7.1	—	—	3	µg/L	J	J-	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	12.9	—	—	3	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Copper	—	4.44	—	—	1.8	µg/L	B	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Copper	—	4.38	—	—	1.8	µg/L	B	—	114786	GF04060W3LP01	GELC

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Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	6.8	—	—	3	µg/L	J	J	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	11.1	—	—	3	µg/L	—	J-	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	185	—	—	3	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.3	—	—	3	µg/L	J	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Copper	<	1.8	—	—	1.8	µg/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	54.5	—	—	25	µg/L	J	J	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	428	—	—	25	µg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	256	—	—	18	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	702	—	—	18	µg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Iron	—	2430	—	—	14.9	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Iron	—	2470	—	—	14.9	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	586	—	—	25	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	561	—	—	25	µg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	6300	—	—	18	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	2280	—	—	18	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Iron	—	973	—	—	14.9	µg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6020	Lead	—	0.8	—	—	0.5	µg/L	J	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6020	Lead	—	1.2	—	—	0.5	µg/L	J	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6020	Lead	—	0.66	—	—	0.5	µg/L	J	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.8	Lead	—	0.27	—	—	0.05	µg/L	B	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.8	Lead	—	0.173	—	—	0.05	µg/L	B	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	3.1	—	—	0.5	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	2.6	—	—	0.5	µg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	15.4	—	—	0.5	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	3.7	—	—	0.5	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	92.6	—	—	2	µg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	182	—	—	2	µg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	82.3	—	—	2	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	812	—	—	2	µg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Manganese	—	1900	—	—	0.304	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Manganese	—	1950	—	—	0.304	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	150	—	—	2	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	159	—	—	2	µg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	268	—	—	2	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	883	—	—	2	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Manganese	—	1880	—	—	0.304	µg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.9	—	—	2	µg/L	J	J	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.4	—	—	2	µg/L	J	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.9	—	—	2	µg/L	J	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.1	—	—	2	µg/L	J	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Molybdenum	<	2.82	—	—	0.948	µg/L	B	U	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Molybdenum	—	1.06	—	—	0.948	µg/L	B	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2	µg/L	J	J	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.4	—	—	2	µg/L	J	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	8.3	—	—	2	µg/L	J	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.2	—	—	2	µg/L	J	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Molybdenum	—	1.63	—	—	0.948	µg/L	B	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.4	—	—	0.5	µg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	0.5	µg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.8	—	—	0.5	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	4.5	—	—	0.5	µg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Nickel	—	4.55	—	—	3.6	µg/L	B	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Nickel	—	5.01	—	—	3.6	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.9	—	—	0.5	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	0.5	µg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.6	—	—	0.5	µg/L	—	—	184767	GU070400P3LP01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.8	—	—	0.5	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Nickel	—	4.09	—	—	3.6	µg/L	B	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.1	—	—	0.032	mg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.9	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.9	—	—	1	µg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.2	—	—	1	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	130	—	—	1	µg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Strontium	—	154	—	—	0.238	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Strontium	—	159	—	—	0.238	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	87	—	—	1	µg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	175	—	—	1	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Strontium	—	152	—	—	0.238	µg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.16	—	—	0.05	µg/L	J	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.6	—	—	0.05	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.54	—	—	0.05	µg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	10/31/01	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.53	—	—	0.018	µg/L	BE	U	135S	CAPU-01-0220	GEL
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	0.05	µg/L	—	J	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.29	—	—	0.05	µg/L	—	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	0.05	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.7	—	—	0.05	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	10/31/01	WS	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.62	—	—	0.018	µg/L	BE	U	135S	CAPU-01-0221	GEL
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.3	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.8	—	—	1	µg/L	—	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	26.9	—	—	1	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.8	—	—	1	µg/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Vanadium	—	6.9	—	—	0.732	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Vanadium	—	6.48	—	—	0.732	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.1	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1	µg/L	—	J+	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	54.3	—	—	1	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1	µg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Vanadium	—	5.94	—	—	0.732	µg/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	66.2	—	—	2	µg/L	—	NQ	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.7	—	—	2	µg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	36.6	—	—	2	µg/L	—	—	184767	GF070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.8	—	—	2	µg/L	—	J+	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	CS	—	Metals	EPA:200.7	Zinc	<	8.36	—	—	0.406	µg/L	—	U	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	F	DUP	—	Metals	EPA:200.7	Zinc	—	11.5	—	—	0.406	µg/L	—	—	114786	GF04060W3LP01	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	80.2	—	—	2	µg/L	—	NQ	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	21.6	—	—	2	µg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	460	—	—	2	µg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	22.2	—	—	2	µg/L	—	J+	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Metals	EPA:200.7	Zinc	—	4.87	—	—	0.406	µg/L	B	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	05/23/02	WS	F	CS	—	Rad	EPA:901.1	Radium-226	<	0.148	1.2	7.2	—	pCi/L	U	U	821S	CAPU-02-45081	GEL
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.264	0.04	0.36	—	pCi/L	U	U	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Radium-226	<	1.95	0.653333	7.39	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.338	0.044	0.383	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Radium-226	<	3.88	1.32	7.68	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:903.1	Radium-226	<	0.276	0.042	0.377	—	pCi/L	U	—	114589	GU04060W3LP01	GELC
Pueblo 3	—	—	07/29/03	WS	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.28	0.058333	0.56	—	pCi/L	U	U	85116	GU03070W3LP01	GELC
Pueblo 3	—	—	07/29/03	WS	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.92	0.796667	9.26	—	pCi/L	U	U	85116	GU03070W3LP01	GELC
Pueblo 3	—	—	05/23/02	WS	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.339	1.5	6.8	—	pCi/L	U	U	821S	CAPU-02-45082	GEL
Pueblo 3	—	—	05/23/02	WS	F	CS	—	Rad	EPA:901.1	Radium-228	<	6.36	1.066667	12	—	pCi/L	U	U	821S	CAPU-02-45081	GEL
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:904	Radium-228	—	0.737	0.07	0.53	—	pCi/L	—	NQ	08-497	CAPU-08-9848	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.44	1.25	14.7	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	5.23	1.133333	13.2	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	07/29/03	WS	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5.23	1.52	17.5	—	pCi/L	U	U	85116	GU03070W3LP01	GELC
Pueblo 3	—	—	05/23/02	WS	UF	CS	—	Rad	EPA:901.1	Radium-228	<	10.9	1.066667	12	—	pCi/L	U	U	821S	CAPU-02-45082	GEL
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	77	—	—	0.73	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	116	—	—	0.725	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	68.7	—	—	0.725	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	59.1	—	—	1.45	mg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.062	—	—	0.06	mg/L	J	J-	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.076	—	—	0.03	mg/L	—	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.082	—	—	0.03	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	31.6	—	—	0.03	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	45.5	—	—	0.03	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.3	—	—	0.03	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.1	—	—	0.036	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	31.3	—	—	0.03	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	43.9	—	—	0.03	mg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.4	—	—	0.03	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	0.036	mg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	24.8	—	—	0.036	mg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	124	—	—	0.66	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.5	—	—	0.33	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	68.7	—	—	0.66	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.148	—	—	0.033	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	0.033	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.227	—	—	0.033	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	97.6	—	—	0.425	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	142	—	—	0.43	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	84.7	—	—	0.425	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.1	—	—	0.44	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	98.3	—	—	0.425	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	138	—	—	0.43	mg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	85	—	—	0.425	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.6	—	—	0.44	mg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.3	—	—	0.085	mg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.51	—	—	0.085	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.03	—	—	0.085	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.01	—	—	0.085	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.62	—	—	0.085	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.88	—	—	0.085	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.84	—	—	0.085	mg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.04	—	—	0.085	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.67	—	—	0.085	mg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.48	—	—	0.085	mg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.395	—	—	0.01	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	0.01	mg/L	U	UJ	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.217	—	—	0.01	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.137	—	—	0.05	µg/L	J	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.257	—	—	0.05	µg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.301	—	—	0.05	µg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	6.84	—	—	0.05	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.57	—	—	0.05	mg/L	—	NQ	08-499	CAPU-08-9844	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.22	—	—	0.05	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.66	—	—	0.05	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	7.56	—	—	0.05	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.4	—	—	0.05	mg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.17	—	—	0.05	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.74	—	—	0.05	mg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	5.36	—	—	0.05	mg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	21.4	—	—	0.032	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	20.7	—	—	0.032	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	104	—	—	0.045	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	61.8	—	—	0.045	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.8	—	—	0.045	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	57.7	—	—	0.045	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	103	—	—	0.045	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	59.8	—	—	0.045	mg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.2	—	—	0.045	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.6	—	—	0.045	mg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	47.7	—	—	0.045	mg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	650	—	—	1	µS/cm	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	438	—	—	1	µS/cm	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	485	—	—	1	µS/cm	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.3	—	—	0.1	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	0.1	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.2	—	—	0.1	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	62.5	—	—	1.81	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.2	—	—	1.14	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.2	—	—	1.14	mg/L	J	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	10.4	—	—	2.28	mg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	RE	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	9.09	—	—	5.18	mg/L	J	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	REDP	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	10	—	—	2.28	mg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	356	—	—	2.4	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	251	—	—	2.38	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	314	—	—	2.38	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.19	—	—	0.029	mg/L	—	J-	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.244	—	—	0.029	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.21	—	—	0.029	mg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.344	—	—	0.029	mg/L	—	J-	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.318	—	—	0.029	mg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	F	CS	—	Geninorg	EPA:415.1	Total Organic Carbon	—	13	—	—	0.074	mg/L	—	—	133525	GF05030M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.88	—	—	0.33	mg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.11	—	—	0.33	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.1	—	—	0.33	mg/L	—	J	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.128	—	—	0.024	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.31	—	—	0.024	mg/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.172	—	—	0.024	mg/L	—	U	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.52	—	—	0.01	SU	H	J-	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	0.01	SU	H	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	0.01	SU	H	J	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	752	—	—	68	µg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	—	243	—	—	68	µg/L	—	JN-	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	3240	—	—	68	µg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	261	—	—	68	µg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	592	—	—	68	µg/L	—	—	184479	GU070400P05501	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	4220	—	—	68	µg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Barium	—	66.7	—	—	1	µg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	60.9	—	—	1	µg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	46.8	—	—	1	µg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1	µg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	79.1	—	—	1	µg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	59.2	—	—	1	µg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	48.3	—	—	1	µg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.8	—	—	1	µg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	62.1	—	—	1	µg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1	µg/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1	µg/L	U	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	3.3	—	—	2.5	µg/L	J	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1	µg/L	U	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1	µg/L	U	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Chromium	—	2.3	—	—	1	µg/L	J	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Cobalt	—	4.6	—	—	1	µg/L	J	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	µg/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	µg/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	<	1	—	—	1	µg/L	U	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Copper	—	3	—	—	3	µg/L	J	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	R	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	4.6	—	—	3	µg/L	J	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	R	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Copper	<	3	—	—	3	µg/L	U	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Iron	—	466	—	—	25	µg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	µg/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	25	µg/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	128	—	—	18	µg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	2010	—	—	25	µg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	µg/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	135	—	—	25	µg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	311	—	—	18	µg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	2280	—	—	18	µg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Lead	—	0.62	—	—	0.5	µg/L	J	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	µg/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	2.6	—	—	0.5	µg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	µg/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Lead	—	0.73	—	—	0.5	µg/L	J	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	1.9	—	—	0.5	µg/L	J	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	69.7	—	—	2	µg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.9	—	—	2	µg/L	—	—	190281	GF070700P05501	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	81.9	—	—	2	µg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.6	—	—	2	µg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2	µg/L	J	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	84.6	—	—	2	µg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	2.4	—	—	0.5	µg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	µg/L	J	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	µg/L	J	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	µg/L	J	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	2.7	—	—	0.5	µg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	µg/L	J	J	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	µg/L	J	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	µg/L	J	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	2.7	—	—	0.5	µg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	17.6	—	—	0.032	mg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	218	—	—	1	µg/L	—	NQ	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1	µg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1	µg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	211	—	—	1	µg/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1	µg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1	µg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	0.05	µg/L	—	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Uranium	<	0.28	—	—	0.05	µg/L	—	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6020	Uranium	<	0.22	—	—	0.05	µg/L	—	U	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	0.05	µg/L	—	J	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	0.05	µg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.24	—	—	0.05	µg/L	—	U	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.9	—	—	1	µg/L	J	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1	µg/L	J	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.7	—	—	1	µg/L	J	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1	µg/L	J	JN-	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	4.3	—	—	1	µg/L	J	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1	µg/L	J	J	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.9	—	—	1	µg/L	J	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1	µg/L	J	JN-	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	<	4.7	—	—	1	µg/L	J	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	18.2	—	—	2	µg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.4	—	—	2	µg/L	J	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2	µg/L	J	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	30.9	—	—	2	µg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.7	—	—	2	µg/L	J	J	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2	µg/L	J	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.3	—	—	2	µg/L	J	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	15.9	—	—	2	µg/L	—	—	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00053	0.00292	0.0431	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0052	0.002373	0.0335	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00599	0.00216	0.0428	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0129	0.005767	0.041	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	4.63	0.783333	4.21	—	pCi/L	UI	R	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-5.47	0.66	5.33	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.35	0.55	4.58	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.239	0.196333	2.07	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.58	0.496667	5.1	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.553	0.656667	5.98	—	pCi/L	U	U	202112	GU080100M05501	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0621	0.536667	5.4	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.712	0.19	1.91	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.391	0.109667	1.39	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	9.03	0.39	1.29	—	pCi/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.174	0.120333	1.42	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.176	0.193667	2.38	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	7.71	0.503333	3.89	—	pCi/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	11.2	0.71	4.78	—	pCi/L	—	J	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	4.22	0.42	3.73	—	pCi/L	—	J	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	5.65	0.288333	2.91	—	pCi/L	—	J	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-21.8	4.166667	34.3	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.467	3.9	35.1	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.9	2.846667	18.5	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.93	1.573333	16.4	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00471	0.00117	0.0301	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00182	0.001353	0.0333	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0102	0.001797	0.0326	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	5.84E-10	0.002	0.051	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00627	0.00117	0.0276	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00908	0.002187	0.0391	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0068	0.002267	0.0299	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00734	0.00245	0.043	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.19	6.433333	66.3	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-45.9	8.133333	73.5	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	37.5	6.966667	63.7	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.02	4.5	21.5	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.41	0.055667	0.458	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.471	0.046667	0.33	—	pCi/L	—	NQ	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Rad	EPA:904	Radium-228	<	0.783	0.09	0.73	—	pCi/L	—	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-4.6	0.52	3.52	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-4.31	0.806667	5.35	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	3.99	0.57	6.68	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.137	0.181333	1.94	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.2	0.042	0.196	—	pCi/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.584	0.050333	0.38	—	pCi/L	—	J	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.261	0.026567	0.245	—	pCi/L	—	J	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.789	0.043333	0.345	—	pCi/L	—	J	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.557	0.044667	0.669	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.496	0.031933	0.67	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.199	0.0249	0.298	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.114	0.007267	0.039	—	pCi/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.447	0.034333	0.612	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.161	0.007933	0.041	—	pCi/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	-0.00889	0.007167	0.068	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0103	0.003467	0.0329	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0638	0.015867	0.303	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0326	0.004067	0.0345	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0245	0.003733	0.041	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.128	0.0082	0.0525	—	pCi/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.327	0.026833	0.36	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.12	0.0067	0.0551	—	pCi/L	—	J	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.1	0.0058	0.048	—	pCi/L	—	J	133525	GU05030M05501	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	96.8	—	—	0.73	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	133	—	—	0.725	mg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	159	—	—	0.725	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	197	—	—	1.45	mg/L	—	—	135792	GF05040P06001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
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Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	145	—	—	1.45	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	153	—	—	0.725	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.468	—	—	0.06	mg/L	—	J-	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	22.3	—	—	3	mg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	5.36	—	—	0.1	mg/L	—	J, R	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	RE	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	4.09	—	—	0.1	mg/L	H	R, J	171709	GF060700P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	4.69	—	—	0.1	mg/L	—	J	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	11.9	—	—	0.03	mg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.5	—	—	0.03	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	0.036	mg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33	—	—	0.036	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:200.7	Calcium	—	25.8	—	—	0.036	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:200.7	Calcium	—	20.8	—	—	0.00823	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Geninorg	EPA:200.7	Calcium	—	20.8	—	—	0.00823	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	12.7	—	—	0.03	mg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	FB	Geninorg	SW-846:6010B	Calcium	—	0.0553	—	—	0.03	mg/L	J	J	08-497	CAPU-08-9851	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.3	—	—	0.03	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.8	—	—	0.036	mg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.4	—	—	0.036	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	25.6	—	—	0.036	mg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	50.8	—	—	0.33	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.3	—	—	0.33	mg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	58.6	—	—	0.33	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.3	—	—	0.33	mg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	58.6	—	—	0.33	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44.1	—	—	0.265	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44.6	—	—	0.161	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	57.5	—	—	0.33	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	SW-846:9012A	Cyanide (Total)	—	0.00508	—	—	0.0025	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00526	—	—	0.0015	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00171	—	—	0.0015	mg/L	J	JN-	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.0036	—	—	0.0015	mg/L	J	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00258	—	—	0.00172	mg/L	J	—	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.386	—	—	0.033	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.391	—	—	0.033	mg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.488	—	—	0.033	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.404	—	—	0.03	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.398	—	—	0.0553	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.513	—	—	0.033	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.7	—	—	0.425	mg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81	—	—	0.43	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76	—	—	0.44	mg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	115	—	—	0.085	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91.1	—	—	0.02	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:200.7	Hardness	—	68.2	—	—	0.00823	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.2	—	—	0.425	mg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	88.9	—	—	0.43	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.1	—	—	0.44	mg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	0.085	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.7	—	—	0.02	mg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	2.45	—	—	0.085	mg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.43	—	—	0.085	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.35	—	—	0.085	mg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.96	—	—	0.085	mg/L	—	—	168313	GF060700P06001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	6.6	—	—	0.085	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.97	—	—	0.00332	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Geninorg	EPA:200.7	Magnesium	—	3.97	—	—	0.00332	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.01	—	—	0.085	mg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.26	—	—	0.085	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.62	—	—	0.085	mg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.84	—	—	0.085	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	6.61	—	—	0.085	mg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	7.09	—	—	0.1	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.72	—	—	0.1	mg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	763	—	—	14	mg/L	—	J, R	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	3.32	—	—	0.003	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	4.35	—	—	0.05	mg/L	—	J	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	4.78	—	—	0.014	mg/L	—	J+	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.55	—	—	0.1	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	8	—	—	8	µg/L	U	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.116	—	—	0.05	µg/L	J	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4.7	—	—	4	µg/L	J	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	0.05	µg/L	U	UJ	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	8.52	—	—	0.05	mg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	13.2	—	—	0.05	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.7	—	—	0.05	mg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.3	—	—	0.05	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:200.7	Potassium	—	16.4	—	—	0.05	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:200.7	Potassium	—	13.6	—	—	0.0372	mg/L	E	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Geninorg	EPA:200.7	Potassium	—	13.7	—	—	0.0372	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	9.2	—	—	0.05	mg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.6	—	—	0.05	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	17.1	—	—	0.05	mg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16	—	—	0.05	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	16	—	—	0.05	mg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.6	—	—	0.032	mg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.2	—	—	0.032	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	72.8	—	—	0.032	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	68.4	—	—	0.00568	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Geninorg	EPA:200.7	Silicon Dioxide	—	67.7	—	—	0.00568	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	0.032	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	71.3	—	—	0.032	mg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	41.5	—	—	0.045	mg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.2	—	—	0.045	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	70.7	—	—	0.045	mg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	74	—	—	0.045	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:200.7	Sodium	—	73.8	—	—	0.045	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:200.7	Sodium	—	60.9	—	—	0.02	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Geninorg	EPA:200.7	Sodium	—	61.2	—	—	0.02	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	41.7	—	—	0.045	mg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.8	—	—	0.045	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	70.8	—	—	0.045	mg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	66.8	—	—	0.045	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	72.2	—	—	0.045	mg/L	—	—	135792	GU05040P06001	GELC

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Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	535	—	—	1	µS/cm	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	663	—	—	1	µS/cm	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	589	—	—	1	µS/cm	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	610	—	—	1	µS/cm	—	—	137151	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	533	—	—	1	µS/cm	—	J	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	571	—	—	1	µS/cm	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	32.2	—	—	0.1	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	24.2	—	—	0.1	mg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17	—	—	0.1	mg/L	—	J+	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.4	—	—	0.057	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.2	—	—	0.193	mg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.3	—	—	0.1	mg/L	—	J+	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1290	—	—	19	mg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	71.6	—	—	2.28	mg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	15	—	—	1.43	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	35.2	—	—	2.28	mg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	341	—	—	2.4	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	297	—	—	2.38	mg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	418	—	—	2.38	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	401	—	—	2.38	mg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	374	—	—	2.38	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	337	—	—	3.07	mg/L	—	J	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	26.8	—	—	0.29	mg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	1.71	—	—	0.01	mg/L	—	J, R	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	RE	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	2.58	—	—	0.01	mg/L	H	R, J, J-	171709	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	21.6	—	—	0.2	mg/L	—	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.8	—	—	0.029	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	28.3	—	—	0.29	mg/L	—	J	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	6.18	—	—	0.1	mg/L	—	J	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	11.3	—	—	0.074	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.39	—	—	0.33	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	24.3	—	—	0.66	mg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	14.7	—	—	0.66	mg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.77	—	—	0.024	mg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	5.13	—	—	0.24	mg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	7.2	—	—	0.1	mg/L	—	J	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	6.02	—	—	0.05	mg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	3.95	—	—	0.011	mg/L	—	J	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	8.43	—	—	0.1	mg/L	—	J	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	97.2	—	—	2.3	mg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	70.2	—	—	0.764	mg/L	—	—	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	35.1	—	—	0.999	mg/L	—	—	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	0.01	SU	H	J-	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	0.01	SU	H	J	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.45	—	—	0.01	SU	H	J	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	—	SU	H	J	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	—	SU	H	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.97	—	—	0.01	SU	H	J	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	665	—	—	68	µg/L	N	J+	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	08-497	CAPU-08-9852	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	120	—	—	68	µg/L	J	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Aluminum	<	68	—	—	68	µg/L	U	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Aluminum	—	56.2	—	—	14.4	µg/L	B	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Aluminum	—	55.1	—	—	14.4	µg/L	B	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	3810	—	—	68	µg/L	N	J+	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4870	—	—	68	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1640	—	—	68	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	414	—	—	68	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Aluminum	—	754	—	—	68	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Barium	—	28.8	—	—	1	µg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	29.7	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	20.5	—	—	1	µg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1	µg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Barium	—	18.4	—	—	1	µg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Barium	—	25.2	—	—	0.301	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Barium	—	25.2	—	—	0.301	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	62.6	—	—	1	µg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	62.5	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	44	—	—	1	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	67.8	—	—	1	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Barium	—	29.9	—	—	1	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	269	—	—	10	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	298	—	—	10	µg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Boron	—	301	—	—	10	µg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Boron	—	308	—	—	10	µg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Boron	—	244	—	—	1.39	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Boron	—	248	—	—	1.39	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	267	—	—	10	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	311	—	—	10	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Boron	—	288	—	—	10	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Boron	—	296	—	—	10	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Cadmium	—	0.17	—	—	0.11	µg/L	JN	J+	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.16	—	—	0.11	µg/L	J	J	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.8	Cadmium	<	0.07	—	—	0.07	µg/L	U	UJ	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Cadmium	—	0.29	—	—	0.11	µg/L	JN	J+	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.22	—	—	0.11	µg/L	J	J	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.8	Cadmium	<	0.1	—	—	0.1	µg/L	U	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1	µg/L	J	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	2.7	—	—	1	µg/L	J	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Chromium	—	1.2	—	—	1	µg/L	J	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Chromium	<	1.43	—	—	1.43	µg/L	U	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Chromium	<	1.43	—	—	1.43	µg/L	U	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	5.9	—	—	2.5	µg/L	J	—	202111	GU080100M06001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	2.5	µg/L	J	J	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.3	—	—	1	µg/L	—	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Chromium	—	1.1	—	—	1	µg/L	J	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Cobalt	—	3.4	—	—	1	µg/L	J	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	µg/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.5	—	—	1	µg/L	J	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Cobalt	—	2.3	—	—	1	µg/L	J	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Cobalt	—	0.839	—	—	0.762	µg/L	B	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Cobalt	—	0.915	—	—	0.762	µg/L	B	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Cobalt	—	1.4	—	—	1	µg/L	J	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.5	—	—	1	µg/L	J	J	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	µg/L	U	UJ	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	4.1	—	—	1	µg/L	J	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Cobalt	—	2.5	—	—	1	µg/L	J	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Copper	—	3.2	—	—	3	µg/L	J	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	5.4	—	—	3	µg/L	J	J	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	19.5	—	—	3	µg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Copper	—	4.5	—	—	3	µg/L	J	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Copper	—	5.34	—	—	1.8	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Copper	—	5.64	—	—	1.8	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	6.4	—	—	3	µg/L	J	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	9.5	—	—	3	µg/L	J	J	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	36.2	—	—	3	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.9	—	—	3	µg/L	J	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Copper	—	7.5	—	—	3	µg/L	J	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Iron	—	434	—	—	25	µg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	42.6	—	—	25	µg/L	J	J	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	246	—	—	18	µg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	858	—	—	18	µg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Iron	—	242	—	—	18	µg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Iron	—	232	—	—	14.9	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Iron	—	230	—	—	14.9	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	2680	—	—	25	µg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	3420	—	—	25	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	1400	—	—	18	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	2710	—	—	18	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Iron	—	906	—	—	18	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Lead	—	0.68	—	—	0.5	µg/L	JN	J-	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	µg/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6020	Lead	—	0.57	—	—	0.5	µg/L	J	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6020	Lead	—	0.63	—	—	0.5	µg/L	J	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.8	Lead	<	0.5	—	—	0.5	µg/L	U	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.8	Lead	—	0.763	—	—	0.05	µg/L	B	J	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	10	—	—	0.5	µg/L	N	J-	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	5	—	—	0.5	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	3.1	—	—	0.5	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6020	Lead	—	2.3	—	—	0.5	µg/L	—	—	168313	GU060700P06001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.8	Lead	—	2	—	—	0.5	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	78	—	—	2	µg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	149	—	—	2	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	163	—	—	2	µg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	1440	—	—	2	µg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Manganese	—	486	—	—	2	µg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Manganese	—	227	—	—	0.304	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Manganese	—	228	—	—	0.304	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	200	—	—	2	µg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	295	—	—	2	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	202	—	—	2	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1490	—	—	2	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Manganese	—	548	—	—	2	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.8	—	—	2	µg/L	J	J	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	5	—	—	2	µg/L	J	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.4	—	—	2	µg/L	J	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Molybdenum	<	2	—	—	2	µg/L	U	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Molybdenum	<	9.1	—	—	0.948	µg/L	B	U	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Molybdenum	—	7.94	—	—	0.948	µg/L	B	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	5.1	—	—	2	µg/L	J	J	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	7	—	—	2	µg/L	J	U	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4	—	—	2	µg/L	J	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Molybdenum	—	4	—	—	2	µg/L	J	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	2.1	—	—	0.5	µg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	0.5	µg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	7.9	—	—	0.5	µg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Nickel	<	3.4	—	—	1	µg/L	J	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.6	µg/L	U	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.6	µg/L	U	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	5.3	—	—	0.5	µg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	5	—	—	0.5	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	8	—	—	0.5	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Nickel	<	3.1	—	—	1	µg/L	J	U	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.4	—	—	0.032	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	µg/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6020	Silver	—	1.6	—	—	0.2	µg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6020	Silver	<	0.2	—	—	0.2	µg/L	U	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Silver	<	1	—	—	1	µg/L	U	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Silver	—	0.45	—	—	0.2	µg/L	J	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	µg/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6020	Silver	—	2.4	—	—	0.2	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6020	Silver	<	0.2	—	—	0.2	µg/L	U	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Silver	<	1	—	—	1	µg/L	U	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.1	—	—	1	µg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	147	—	—	1	µg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Strontium	—	109	—	—	1	µg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Strontium	—	96.7	—	—	0.238	µg/L	—	—	104142	GF03120W06001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Strontium	—	96.9	—	—	0.238	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.8	—	—	1	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Strontium	—	109	—	—	1	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	0.05	µg/L	—	J	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.6	—	—	0.05	µg/L	—	—	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	0.05	µg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.58	—	—	0.05	µg/L	—	J	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.68	—	—	0.05	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.38	—	—	0.05	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	4.6	—	—	1	µg/L	J	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.4	—	—	1	µg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.4	—	—	1	µg/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Vanadium	—	8	—	—	1	µg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Vanadium	—	9.06	—	—	0.732	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Vanadium	—	9.37	—	—	0.732	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	8.8	—	—	1	µg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.5	—	—	1	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.8	—	—	1	µg/L	—	J+	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1	µg/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Vanadium	—	8.6	—	—	1	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	13.2	—	—	2	µg/L	—	—	202111	GF080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	43.5	—	—	2	µg/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	04/11/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	36.2	—	—	2	µg/L	—	J	184058	GF070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Metals	SW-846:6010B	Zinc	<	10.7	—	—	2	µg/L	—	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Metals	EPA:200.7	Zinc	—	20.3	—	—	2	µg/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	CS	—	Metals	EPA:200.7	Zinc	—	22.5	—	—	0.406	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	F	DUP	—	Metals	EPA:200.7	Zinc	—	23.2	—	—	0.406	µg/L	—	—	104142	GF03120W06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	35.6	—	—	2	µg/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	67.4	—	—	2	µg/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	04/11/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	63.4	—	—	2	µg/L	—	—	184058	GU070400P06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.8	—	—	2	µg/L	—	J+	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	UF	CS	—	Metals	EPA:200.7	Zinc	—	26.4	—	—	2	µg/L	—	—	135792	GU05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00568	0.001167	0.031	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	HASL-300	Americium-241	<	0.00498	0.00166	0.028	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0	0.00169	0.033	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Americium-241	—	0.49	0.015633	0.0502	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.023	0.002167	0.026	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00743	0.001167	0.0227	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Americium-241	<	0.0148	0.00262	0.026	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Americium-241	<	10	1.83	16.9	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	Alpha-Spec	Americium-241	—	0.0145	0.00256	0.0378	—	pCi/L	—	—	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Americium-241	<	1.51	0.7	6.91	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.538	0.5	4.5	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.489	0.42	4.68	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.476	0.356667	3.81	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.44	0.85	5.93	—	pCi/L	U	U	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.885	0.433333	4.4	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.195	0.43	4.61	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.36	1.42	5.07	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.216	0.096333	1.05	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.327	0.366667	3.6	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0751	0.406667	4.59	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.19	0.44	3.99	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	6.39	1.136667	6.62	—	pCi/L	U	U	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.74	0.433333	3.8	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.36	0.373333	4.52	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	4.73	0.536667	6.31	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.501	0.106667	1.27	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.342	0.192333	2.95	—	pCi/L	U	U, J-	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:900	Gross alpha	<	0.48	0.149	1.55	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	72.9	2.416667	4.41	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.33	0.187	1.76	—	pCi/L	U	J-, U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.24	0.207333	1.62	—	pCi/L	—	J	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.22	0.199667	1.89	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	DUP	—	Rad	EPA:900	Gross alpha	<	1.57	0.197667	1.94	—	pCi/L	U	—	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:900	Gross beta	—	13.5	0.383333	2.39	—	pCi/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:900	Gross beta	—	19	0.416667	3.03	—	pCi/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	90.3	3.24	7.48	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	13.7	0.41	2.67	—	pCi/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	13	0.230667	1.4	—	pCi/L	—	—	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	14.6	0.278667	2.25	—	pCi/L	—	—	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	DUP	—	Rad	EPA:900	Gross beta	—	16.7	0.423333	2.59	—	pCi/L	—	—	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	68.7	22.66667	270	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	84.6	27.8	297	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	82	23.5	208	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	45	20.66667	160	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	284	53.66667	630	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.8	1.443333	358	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	33.2	0.171667	104	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.12	3.666667	35	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.06	3.143333	29.8	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.9	2.28	24.5	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17.2	2.416667	19.7	—	pCi/L	U	U	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.5	2.633333	28	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.4	3.086667	33.1	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.91	4.1	29.2	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.16	0.696667	7.3	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.001633	0.036	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00682	0.002517	0.0218	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00895	0.004233	0.093	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	—	0.0576	0.004133	0.0439	—	pCi/L	—	J	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.004	0.053	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0129	0.002487	0.0412	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	—	0.0508	0.008233	0.037	—	pCi/L	—	J	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	—	-0.00823	0.00275	0.408	—	pCi/L	—	—	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0218	0.0024	0.043	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0341	0.003667	0.0254	—	pCi/L	—	J	168313	GF060700P06001	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
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Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0447	0.006	0.078	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	12.7	0.156	0.0516	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.382	0.012667	0.062	—	pCi/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0815	0.007	0.048	—	pCi/L	—	J	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	—	0.0642	0.005267	0.033	—	pCi/L	—	J	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.266	0.0329	0.451	—	pCi/L	—	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.3	6	48	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	51.8	5.766667	72.9	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	35.1	7.7	36.1	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.9	9.433333	64.5	—	pCi/L	U	U	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23	6	33	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	89	14	34.5	—	pCi/L	UI	R	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0	5.866667	74.2	—	pCi/L	UUI	R	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.7	1.65	18.7	—	pCi/L	U	R	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.274	0.046667	0.434	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:903.1	Radium-226	—	2.49	0.136667	0.602	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.219	0.036667	0.35	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Radium-226	<	10.2	0.99	10.7	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.414	0.056667	0.487	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Radium-226	—	2.42	0.363333	2	—	pCi/L	—	J	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	04/16/02	WO	UF	CS	—	Rad	EPA:901.1	Radium-226	—	1.25	0.035	0.108	—	pCi/g	—	—	59031	GU02041S060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:904	Radium-228	—	0.791	0.076667	0.59	—	pCi/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	1.92	22.1	—	pCi/L	UUI	R	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Radium-228	<	3.38	0.81	4.43	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	04/16/02	WO	UF	CS	—	Rad	EPA:901.1	Radium-228	—	1.93	0.065	0.193	—	pCi/g	—	—	59031	GU02041S060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.59	0.4	2.9	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.221	0.486667	5.46	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.35	0.356667	3.62	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.448	0.576667	5.66	—	pCi/L	U	U	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.23	0.433333	3.7	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0272	0.406667	4.46	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.48	0.52	5.24	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.108	0.108	1.21	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.41	0.046667	0.43	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0184	0.029167	0.336	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.577	0.0206	0.174	—	pCi/L	—	—	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.328	0.044333	0.396	—	pCi/L	U	U	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.675	0.05	0.41	—	pCi/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.259	0.032	0.302	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	GFPC	Strontium-90	—	0.377	0.038333	0.295	—	pCi/L	—	J	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0714	0.0157	0.189	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-228	—	3.84	0.122	0.695	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Thorium-228	<	0.0488	0.006067	0.112	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/16/02	WO	UF	CS	—	Rad	Alpha-Spec	Thorium-228	—	2.14	0.07	0.199	—	pCi/g	—	—	59031	GU02041S060	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-230	—	2.83	0.095667	0.697	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Thorium-230	<	0.146	0.008033	0.209	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/16/02	WO	UF	CS	—	Rad	Alpha-Spec	Thorium-230	—	1.43	0.051667	0.145	—	pCi/g	—	—	59031	GU02041S060	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Thorium-232	—	3.16	0.103667	0.31	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Thorium-232	—	0.0676	0.004833	0.052	—	pCi/L	—	J	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/16/02	WO	UF	CS	—	Rad	Alpha-Spec	Thorium-232	—	1.61	0.055667	0.109	—	pCi/g	—	—	59031	GU02041S060	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.115	0.005333	0.066	—	pCi/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.138	0.005967	0.0394	—	pCi/L	—	—	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.246	0.009733	0.082	—	pCi/L	—	J	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-234	—	3.25	0.100333	0.542	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.201	0.008333	0.081	—	pCi/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.181	0.0069	0.0374	—	pCi/L	—	—	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.326	0.012667	0.069	—	pCi/L	—	—	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.208	0.008433	0.0189	—	pCi/L	—	—	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0206	0.002333	0.033	—	pCi/L	U	U	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0011	0.0332	—	pCi/L	U	U	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0135	0.003003	0.05	—	pCi/L	U	U	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0565	0.016633	0.268	—	pCi/L	U	U	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0141	0.002133	0.04	—	pCi/L	U	U	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0199	0.002247	0.0315	—	pCi/L	U	U	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.021	0.003033	0.04	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.00817	0.001933	0.019	—	pCi/L	U	U	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	01/14/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0888	0.004667	0.039	—	pCi/L	—	NQ	08-497	CAPU-08-9852	GELC
Pueblo above SR-502	—	—	07/28/06	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.113	0.005333	0.0419	—	pCi/L	—	J	168313	GF060700P06001	GELC
Pueblo above SR-502	—	—	05/02/05	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.154	0.0077	0.058	—	pCi/L	—	J	135792	GF05040P06001	GELC
Pueblo above SR-502	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	3.25	0.098	0.319	—	pCi/L	—	—	202111	GU080100M06001	GELC
Pueblo above SR-502	—	—	01/14/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.153	0.007	0.048	—	pCi/L	—	NQ	08-497	CAPU-08-9849	GELC
Pueblo above SR-502	—	—	07/28/06	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.104	0.004967	0.0398	—	pCi/L	—	J	168313	GU060700P06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.242	0.0104	0.044	—	pCi/L	—	—	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	12/17/03	WS	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	64.8	34.66667	139	—	pCi/L	U	U	104142	GU03120W06001	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.128	0.006133	0.0055	—	pCi/L	—	—	59746	GU02041W060	GELC
Pueblo above SR-502	—	—	04/30/02	WS	UF	CS	—	Rad	EPA:901.1	Uranium-238	—	55.9	9.666667	52.1	—	pCi/L	—	J	59746	GU02041W060	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	64.4	—	—	0.73	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	63.8	—	—	0.725	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	63	—	—	0.725	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	65.6	—	—	0.725	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	63.7	—	—	0.725	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	65.6	—	—	0.725	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.03	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	0.03	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.036	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.036	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	0.036	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	FB	Geninorg	SW-846:6010B	Calcium	—	0.0587	—	—	0.03	mg/L	J	J	08-477	CAPU-08-9899	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	0.03	mg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.03	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.036	mg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.036	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.036	mg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.12	—	—	0.066	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.17	—	—	0.066	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.21	—	—	0.066	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.15	—	—	0.066	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.15	—	—	0.053	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.18	—	—	0.066	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.248	—	—	0.033	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.276	—	—	0.033	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.273	—	—	0.033	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.291	—	—	0.033	mg/L	—	—	167877	GF060700G02R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.318	—	—	0.03	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.304	—	—	0.033	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	0.43	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	0.425	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.2	—	—	0.44	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	0.085	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	0.085	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	0.43	mg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	0.425	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39	—	—	0.44	mg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	0.085	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	0.085	mg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	0.085	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	0.085	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	0.085	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	0.085	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.085	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	0.085	mg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	0.085	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	0.085	mg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	0.085	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	0.085	mg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.483	—	—	0.01	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.42	—	—	0.05	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.435	—	—	0.01	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.395	—	—	0.014	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.455	—	—	0.017	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.368	—	—	0.014	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.38	—	—	0.05	µg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.373	—	—	0.05	µg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184483	GF070400G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.347	—	—	0.05	µg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.375	—	—	0.05	µg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	157105	GU06020G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.376	—	—	0.05	µg/L	—	J+	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.11	—	—	0.05	mg/L	—	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.06	—	—	0.05	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.13	—	—	0.05	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.05	—	—	0.05	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.13	—	—	0.05	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.33	—	—	0.05	mg/L	—	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.13	—	—	0.05	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.2	—	—	0.05	mg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.12	—	—	0.05	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.22	—	—	0.05	mg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	82.2	—	—	0.032	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	83	—	—	0.032	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	83.9	—	—	0.032	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	92.1	—	—	0.032	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	89.3	—	—	0.032	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	0.045	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	0.045	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	0.045	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.1	—	—	0.045	mg/L	—	—	167877	GF060700G02R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	0.045	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	0.045	mg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.045	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	0.045	mg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.5	—	—	0.045	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.7	—	—	0.045	mg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1	µS/cm	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1	µS/cm	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	158	—	—	1	µS/cm	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	156	—	—	1	µS/cm	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	146	—	—	1	µS/cm	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1	µS/cm	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.4	—	—	0.1	mg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.58	—	—	0.1	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.76	—	—	0.1	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.59	—	—	0.1	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.48	—	—	0.057	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.65	—	—	0.1	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.4	mg/L	—	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	176	—	—	2.38	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.38	mg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	165	—	—	2.38	mg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.38	mg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.38	mg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.04	—	—	0.024	mg/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.062	—	—	0.024	mg/L	—	U	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.064	—	—	0.024	mg/L	—	U	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.02	—	—	0.01	mg/L	J	J-, JN-	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.072	—	—	0.01	mg/L	—	U	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.018	—	—	0.01	mg/L	J	JN-, J-	167877	GU060700G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	0.01	SU	H	J-	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	0.01	SU	H	J	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	0.01	SU	H	J	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	0.01	SU	H	J	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	0.01	SU	H	J	157105	GF06020G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	0.01	SU	H	J	167877	GU060700G02R01	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	UJ	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	115	—	—	68	µg/L	J	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	68	µg/L	U	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	972	—	—	68	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	240	—	—	68	µg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	366	—	—	68	µg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	800	—	—	68	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	278	—	—	68	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14	—	—	1	µg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.4	—	—	1	µg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.1	—	—	1	µg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.1	—	—	1	µg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.5	—	—	1	µg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.7	—	—	1	µg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.1	—	—	1	µg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.6	—	—	1	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.7	—	—	1	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	10	µg/L	J	J	08-477	CAPU-08-9897	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.5	—	—	10	µg/L	J	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	13.4	—	—	10	µg/L	J	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17	—	—	10	µg/L	J	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.7	—	—	10	µg/L	J	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.5	—	—	10	µg/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	10	µg/L	J	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	13.1	—	—	10	µg/L	J	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.3	—	—	10	µg/L	J	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	10	µg/L	J	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.7	—	—	2.5	µg/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1	µg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.1	—	—	5	µg/L	J	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.9	—	—	1	µg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	4.3	—	—	1	µg/L	J	JN-	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	25.9	—	—	2.5	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.4	—	—	1	µg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	10.1	—	—	5	µg/L	J	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	9.3	—	—	1	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	6.5	—	—	1	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	R	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	µg/L	U	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	6.3	—	—	3	µg/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.1	—	—	3	µg/L	J	J-	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	21.4	—	—	3	µg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.8	—	—	3	µg/L	J	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.6	—	—	3	µg/L	J	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	31.7	—	—	25	µg/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	25	µg/L	U	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	UJ	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	46.6	—	—	18	µg/L	J	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	20.5	—	—	18	µg/L	J	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	676	—	—	25	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	154	—	—	25	µg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	383	—	—	18	µg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	314	—	—	18	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	151	—	—	18	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	0.5	µg/L	U	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.7	—	—	0.5	µg/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.66	—	—	0.5	µg/L	J	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.3	—	—	0.5	µg/L	J	J+	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1	—	—	0.5	µg/L	J	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.68	—	—	0.5	µg/L	J	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.5	—	—	2	µg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.3	—	—	2	µg/L	J	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.5	—	—	2	µg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	9.1	—	—	2	µg/L	J	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.9	—	—	2	µg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	18.5	—	—	2	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.1	—	—	2	µg/L	J	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.4	—	—	2	µg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.2	—	—	2	µg/L	J	—	167877	GU060700G02R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.7	—	—	2	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2	µg/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.6	—	—	2	µg/L	J	U	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.9	—	—	2	µg/L	J	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.4	—	—	2	µg/L	J	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.5	—	—	2	µg/L	J	U	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2	µg/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2	µg/L	J	U	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.1	—	—	2	µg/L	J	U	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	0.5	µg/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	µg/L	J	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2.5	—	—	2.5	µg/L	U	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	µg/L	J	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	µg/L	J	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.8	—	—	0.5	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	µg/L	J	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	2.5	µg/L	J	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	0.5	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	0.5	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	80.1	—	—	0.032	mg/L	E	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.1	—	—	1	µg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1	µg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.4	—	—	1	µg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.3	—	—	1	µg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.5	—	—	1	µg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.1	—	—	1	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1	µg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.1	—	—	1	µg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.2	—	—	1	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53	—	—	1	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.37	—	—	0.3	µg/L	J	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.55	—	—	0.4	µg/L	J	U	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.56	—	—	0.4	µg/L	J	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.42	—	—	0.3	µg/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	µg/L	U	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.42	—	—	0.05	µg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.58	—	—	0.05	µg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.57	—	—	0.05	µg/L	—	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	0.05	µg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	0.05	µg/L	—	—	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.79	—	—	0.05	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.73	—	—	0.05	µg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.76	—	—	0.05	µg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.65	—	—	0.05	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.63	—	—	0.05	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1	µg/L	—	NQ	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1	µg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.6	—	—	1	µg/L	—	J+	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1	µg/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1	µg/L	—	—	157105	GF06020G02R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1	µg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1	µg/L	—	J+	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.9	—	—	1	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1	µg/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.9	—	—	2	µg/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2	µg/L	J	JN-	189777	GF070700G02R01	GELC
R-2	1711	918	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6	—	—	2	µg/L	J	—	184483	GF070400G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	8	—	—	2	µg/L	J	U	167877	GF060700G02R01	GELC
R-2	1711	918	02/27/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	7.3	—	—	2	µg/L	J	U	157105	GF06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.1	—	—	2	µg/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2	µg/L	J	JN-	189777	GU070700G02R01	GELC
R-2	1711	918	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.9	—	—	2	µg/L	—	—	184483	GU070400G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.5	—	—	2	µg/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	µg/L	—	U	157105	GU06020G02R01	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.296	0.076667	0.8	—	pCi/L	U	U	08-477	CAPU-08-9896	GELC
R-2	1711	918	11/09/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.65	1.036667	4.89	—	pCi/L	U	U	150023	GU05110G02R01	GELC
R-2	1711	918	08/09/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	7.96	1.273333	9.88	—	pCi/L	U	U	142923	GU05080G02R01	GELC
R-2	1711	918	04/26/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.15	0.843333	3.84	—	pCi/L	UI	R	135508	GU05040G02R01	GELC
R-2	1711	918	01/13/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	8.42	0.666667	3.5	—	pCi/L	—	NQ	2024S	GW02-04-52963	GEL
R-2	1711	918	01/11/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.05	0.08	0.47	—	pCi/L	—	NQ	08-477	CAPU-08-9896	GELC
R-2	1711	918	01/13/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.54	0.633333	7.6	—	pCi/L	U	U	2024S	GW02-04-52963	GEL
R-2	1711	918	12/11/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	1.266667	14	—	pCi/L	UI	R	2003S	GW02-04-52938	GEL
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	106	—	—	0.73	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	106	—	—	0.725	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	129	—	—	0.725	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	110	—	—	0.725	mg/L	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	118	—	—	0.725	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	110	—	—	0.725	mg/L	—	J	168165	GU060700GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.111	—	—	0.066	mg/L	J	J	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.11	—	—	0.066	mg/L	J	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.107	—	—	0.066	mg/L	J	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	UJ	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	UJ	168165	GU060700GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	0.03	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	0.03	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.036	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	0.036	mg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	0.036	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	0.03	mg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.4	—	—	0.03	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.9	—	—	0.036	mg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.2	—	—	0.036	mg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	0.036	mg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.21	—	—	0.066	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.22	—	—	0.066	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.31	—	—	0.066	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.53	—	—	0.066	mg/L	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.59	—	—	0.066	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	7.64	—	—	0.066	mg/L	—	J	168165	GU060700GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	UJ	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00221	—	—	0.0015	mg/L	J	J	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	UJ	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	UJ	184416	GU070400GR2401	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	UJ	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	0.0015	mg/L	U	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.309	—	—	0.033	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.323	—	—	0.033	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.316	—	—	0.033	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.341	—	—	0.033	mg/L	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.397	—	—	0.033	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.339	—	—	0.033	mg/L	—	J	168165	GU060700GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.3	—	—	0.43	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	0.425	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.3	—	—	0.44	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.7	—	—	0.085	mg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.1	—	—	0.085	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.6	—	—	0.43	mg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.6	—	—	0.425	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.6	—	—	0.44	mg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.8	—	—	0.085	mg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.7	—	—	0.085	mg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.085	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.51	—	—	0.085	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.11	—	—	0.085	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.75	—	—	0.085	mg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.66	—	—	0.085	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	0.085	mg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	0.085	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.24	—	—	0.085	mg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.7	—	—	0.085	mg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.92	—	—	0.085	mg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.395	—	—	0.05	mg/L	—	J-	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.35	—	—	0.05	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.231	—	—	0.01	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.305	—	—	0.014	mg/L	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.206	—	—	0.014	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.297	—	—	0.014	mg/L	—	J	168165	GU060700GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.395	—	—	0.05	µg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.31	—	—	0.05	µg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184416	GF070400GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.209	—	—	0.05	µg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.323	—	—	0.05	µg/L	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	UJ	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.23	—	—	0.05	µg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.28	—	—	0.05	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.15	—	—	0.05	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.66	—	—	0.05	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.39	—	—	0.05	mg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.33	—	—	0.05	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.23	—	—	0.05	mg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.12	—	—	0.05	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.9	—	—	0.05	mg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.35	—	—	0.05	mg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.47	—	—	0.05	mg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	52.1	—	—	0.032	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	56.6	—	—	0.032	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.6	—	—	0.032	mg/L	—	—	168165	GF060700GR2401	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.5	—	—	0.032	mg/L	—	J	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.3	—	—	0.032	mg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.5	—	—	0.045	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.8	—	—	0.045	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	34.8	—	—	0.045	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.9	—	—	0.045	mg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.7	—	—	0.045	mg/L	—	J	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.3	—	—	0.045	mg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.5	—	—	0.045	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.6	—	—	0.045	mg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.5	—	—	0.045	mg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	34.7	—	—	0.045	mg/L	—	J	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	240	—	—	1	uS/cm	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	272	—	—	1	uS/cm	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	303	—	—	1	uS/cm	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	263	—	—	1	uS/cm	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	317	—	—	1	uS/cm	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	266	—	—	1	uS/cm	—	J	168165	GU060700GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.67	—	—	0.1	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.22	—	—	0.1	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.5	—	—	0.1	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.03	—	—	0.1	mg/L	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.3	—	—	0.1	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.15	—	—	0.1	mg/L	—	J	168165	GU060700GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.4	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	199	—	—	2.38	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	211	—	—	2.38	mg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	189	—	—	2.38	mg/L	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.38	mg/L	—	J	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.38	mg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.515	—	—	0.33	mg/L	J	J	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.743	—	—	0.33	mg/L	J	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.17	—	—	0.33	mg/L	—	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.542	—	—	0.33	mg/L	J	J	168165	GU060700GR2401	GELC
R-24	6321	825	11/15/05	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.13	—	—	0.074	mg/L	—	J-	150400	GU05110GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	0.01	SU	H	J-	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	0.01	SU	H	J	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	0.01	SU	H	J	162852	GF060500GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J	168165	GU060700GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.7	—	—	1.5	µg/L	J	J	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5.2	—	—	1.5	µg/L	—	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	4	—	—	1.5	µg/L	J	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.6	—	—	1.5	µg/L	J	J	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	4.4	—	—	1.5	µg/L	J	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	6	—	—	1.5	µg/L	—	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	—	6.2	—	—	6	µg/L	J	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.8	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	163	—	—	1	µg/L	—	J	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1	µg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	87.9	—	—	1	µg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	106	—	—	1	µg/L	—	—	162852	GF060500GR2401	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	70.4	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	78.4	—	—	1	µg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	105	—	—	1	µg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	87.4	—	—	1	µg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	111	—	—	1	µg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	2.5	µg/L	J	J	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.6	—	—	1	µg/L	—	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1	µg/L	J	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1	µg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	2.4	—	—	1	µg/L	J	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	2.5	µg/L	J	J	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.1	—	—	1	µg/L	—	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	1	µg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.7	—	—	1	µg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	2.9	—	—	1	µg/L	J	—	162852	GU060500GR2401	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	25	µg/L	U	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	32.2	—	—	25	µg/L	J	J	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	50.7	—	—	25	µg/L	J	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	µg/L	U	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	49.7	—	—	18	µg/L	J	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	43.1	—	—	18	µg/L	J	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2	µg/L	J	J	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.4	—	—	2	µg/L	J	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	68.9	—	—	2	µg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2	µg/L	J	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	90.5	—	—	2	µg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.1	—	—	2	µg/L	J	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	70.1	—	—	2	µg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2	µg/L	J	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	96.7	—	—	2	µg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.3	—	—	2	µg/L	J	J	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.4	—	—	2	µg/L	J	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.8	—	—	2	µg/L	J	JN-	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	5	—	—	2	µg/L	J	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	7.4	—	—	2	µg/L	J	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2	µg/L	J	J	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.4	—	—	2	µg/L	J	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	5.4	—	—	2	µg/L	J	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.5	—	—	2	µg/L	J	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	8.9	—	—	2	µg/L	J	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.2	—	—	0.5	µg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	µg/L	J	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	µg/L	J	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	0.5	µg/L	J	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	µg/L	J	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	µg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	0.5	µg/L	J	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	µg/L	J	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	0.5	µg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	µg/L	J	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.6	—	—	0.032	mg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1	µg/L	—	—	190028	GF070700GR2401	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	130	—	—	1	µg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1	µg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1	µg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1	µg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1	µg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1	µg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	123	—	—	1	µg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	0.05	µg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	0.05	µg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	0.05	µg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.1	—	—	0.05	µg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.1	—	—	0.05	µg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	0.05	µg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	0.05	µg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.4	—	—	0.05	µg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.1	—	—	0.05	µg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.1	—	—	0.05	µg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	17.7	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	17.5	—	—	1	µg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1	µg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	18.2	—	—	1	µg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.6	—	—	1	µg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.9	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.8	—	—	1	µg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1	µg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.9	—	—	1	µg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1	µg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	20.9	—	—	2	µg/L	—	NQ	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.9	—	—	2	µg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12	—	—	2	µg/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	30.7	—	—	2	µg/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	05/10/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	13.6	—	—	2	µg/L	—	—	162852	GF060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.3	—	—	2	µg/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	24.6	—	—	2	µg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.6	—	—	2	µg/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	40.1	—	—	2	µg/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	45	—	—	2	µg/L	—	—	162852	GU060500GR2401	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.166	0.033333	0.34	—	pCi/L	U	U	08-562	CAPU-08-9903	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.553	0.046667	0.35	—	pCi/L	—	NQ	08-562	CAPU-08-9903	GELC
R-24	6321	825	01/22/08	WG	UF	CS	FTB	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.315	—	—	0.25	µg/L	J	J	08-562	CAPU-08-9901	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	0.25	µg/L	U	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	0.25	µg/L	U	R	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	0.25	µg/L	U	R	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	0.25	µg/L	U	—	162852	GU060500GR2401	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	160	—	—	0.73	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	153	—	—	0.725	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	162	—	—	0.725	mg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	154	—	—	0.725	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	150	—	—	0.725	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.15	—	—	0.066	mg/L	J	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.175	—	—	0.066	mg/L	J	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.279	—	—	0.066	mg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.148	—	—	0.066	mg/L	J	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	58	—	—	0.03	mg/L	—	NQ	08-522	CAPU-08-10314	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	58.1	—	—	0.03	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.8	—	—	0.036	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.9	—	—	0.036	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	57	—	—	0.036	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54	—	—	0.03	mg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	58.3	—	—	0.03	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.2	—	—	0.036	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.7	—	—	0.036	mg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	55.9	—	—	0.036	mg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.7	—	—	0.33	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	35.1	—	—	0.33	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	39.3	—	—	0.132	mg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.5	—	—	0.66	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.4	—	—	0.33	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	0.033	mg/L	—	J-	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.314	—	—	0.033	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.311	—	—	0.033	mg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.274	—	—	0.033	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.328	—	—	0.033	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	210	—	—	0.43	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	212	—	—	0.425	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	199	—	—	0.44	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	199	—	—	0.44	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	179	—	—	0.02	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	197	—	—	0.43	mg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	212	—	—	0.425	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	197	—	—	0.44	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	199	—	—	0.44	mg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	175	—	—	0.02	mg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.8	—	—	0.085	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	16.1	—	—	0.085	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.2	—	—	0.085	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.1	—	—	0.085	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.5	—	—	0.085	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.2	—	—	0.085	mg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	16.2	—	—	0.085	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15	—	—	0.085	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.1	—	—	0.085	mg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.2	—	—	0.085	mg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.18	—	—	0.1	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.04	—	—	0.1	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.3	—	—	0.1	mg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	2.15	—	—	0.14	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	4.47	—	—	0.014	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.3	—	—	0.2	µg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.18	—	—	0.2	µg/L	—	J-	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.6	—	—	0.25	µg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4.55	—	—	4	µg/L	J	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	2.52	—	—	0.2	µg/L	—	J	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.104	—	—	0.05	µg/L	J	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.51	—	—	0.05	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.57	—	—	0.05	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.69	—	—	0.05	mg/L	—	—	183956	GF070400G3iR02	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.4	—	—	0.05	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.32	—	—	0.05	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.2	—	—	0.05	mg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.72	—	—	0.05	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.44	—	—	0.05	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.35	—	—	0.05	mg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.22	—	—	0.05	mg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	52.4	—	—	0.032	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	49.6	—	—	0.032	mg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	50.1	—	—	0.032	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	51.7	—	—	0.032	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.3	—	—	0.045	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.9	—	—	0.045	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19	—	—	0.045	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	0.045	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.6	—	—	0.045	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	0.045	mg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.4	—	—	0.045	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.7	—	—	0.045	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	0.045	mg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.1	—	—	0.045	mg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	518	—	—	1	uS/cm	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	526	—	—	1	uS/cm	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	499	—	—	1	uS/cm	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	499	—	—	1	uS/cm	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	494	—	—	1	uS/cm	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	499	—	—	1	uS/cm	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	494	—	—	1	uS/cm	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.1	—	—	0.1	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.3	—	—	0.1	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	22.2	—	—	0.1	mg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	22.8	—	—	0.1	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	22.7	—	—	0.1	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	324	—	—	2.4	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	317	—	—	2.38	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	251	—	—	2.38	mg/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	283	—	—	2.38	mg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	437	—	—	2.38	mg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.057	—	—	0.029	mg/L	J	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.056	—	—	0.029	mg/L	J	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.034	—	—	0.01	mg/L	J	JN-	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.07	—	—	0.01	mg/L	J	J, J+	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.081	—	—	0.029	mg/L	J	J	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.05	—	—	0.029	mg/L	J	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	0.029	mg/L	U	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.15	—	—	0.33	mg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.07	—	—	0.33	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.844	—	—	0.33	mg/L	J	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.565	—	—	0.33	mg/L	J	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.949	—	—	0.33	mg/L	J	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	0.01	SU	H	J	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.4	—	—	0.01	SU	H	J	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.51	—	—	0.01	SU	H	J	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.64	—	—	0.01	SU	H	J	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.5	—	—	1.5	µg/L	J	J	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	183956	GF070400G3iR02	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	97.3	—	—	1	µg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	101	—	—	1	µg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	95.2	—	—	1	µg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	94.5	—	—	1	µg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	97.3	—	—	1	µg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	94.9	—	—	1	µg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	101	—	—	1	µg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	94.5	—	—	1	µg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	94	—	—	1	µg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	95.3	—	—	1	µg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	119	—	—	10	µg/L	—	J	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	108	—	—	10	µg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	95.3	—	—	10	µg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	93.3	—	—	10	µg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	101	—	—	10	µg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	114	—	—	10	µg/L	—	J	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	107	—	—	10	µg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	96	—	—	10	µg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	93.8	—	—	10	µg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	98.3	—	—	10	µg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2	µg/L	J	J	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2	—	—	2	µg/L	J	J	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.2	—	—	2	µg/L	J	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2	µg/L	U	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9	—	—	0.5	µg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.7	—	—	0.5	µg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.6	—	—	0.5	µg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.7	—	—	0.5	µg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8	—	—	0.5	µg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.6	—	—	0.5	µg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.1	—	—	0.5	µg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.7	—	—	0.5	µg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10	—	—	0.5	µg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.7	—	—	0.5	µg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.8	—	—	0.032	mg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	272	—	—	1	µg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	281	—	—	1	µg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	267	—	—	1	µg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	259	—	—	1	µg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	277	—	—	1	µg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	258	—	—	1	µg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	282	—	—	1	µg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	264	—	—	1	µg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	257	—	—	1	µg/L	—	—	179102	GU061000G3iR01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	271	—	—	1	µg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.45	—	—	0.3	µg/L	J	J	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.83	—	—	0.3	µg/L	J	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.55	—	—	0.4	µg/L	J	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.7	—	—	0.4	µg/L	J	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	µg/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	µg/L	U	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	9.4	—	—	0.05	µg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	10	—	—	0.05	µg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	8.5	—	—	0.05	µg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	8.9	—	—	0.05	µg/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	7.8	—	—	0.05	µg/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	9.2	—	—	0.05	µg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	9.8	—	—	0.05	µg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	8.6	—	—	0.05	µg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	8.6	—	—	0.05	µg/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	7.8	—	—	0.05	µg/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1	µg/L	J	J	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1	µg/L	J	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.7	—	—	1	µg/L	J	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.1	—	—	1	µg/L	J	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1	µg/L	J	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1	µg/L	J	J	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1	µg/L	J	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1	µg/L	J	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1	µg/L	J	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1	µg/L	J	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	43.3	—	—	2	µg/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.1	—	—	2	µg/L	J	U	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3	—	—	2	µg/L	J	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	37.1	—	—	2	µg/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.7	—	—	2	µg/L	J	U	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.7	—	—	2	µg/L	J	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.9	—	—	2	µg/L	J	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0108	0.001667	0.032	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00904	0.002467	0.0305	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00734	0.00217	0.0489	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.0223	0.003063	0.022	—	pCi/L	—	J	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000644	0.005967	0.0382	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	0.001467	0.035	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00122	0.002043	0.0338	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0122	0.003633	0.0474	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00742	0.002177	0.0208	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00633	0.001277	0.0258	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.83	0.366667	3.1	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.18	0.536667	5.12	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.831	0.466667	4.32	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.374	0.244	2.39	—	pCi/L	U	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.124	0.343333	3.79	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.23	0.4	3.9	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.231	0.49	4.7	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.853	0.543333	5.56	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.311	0.228667	2.18	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.71	0.39	4.53	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.517	0.366667	3.4	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.56	0.56	5.9	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.996	0.573333	5.84	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.21	0.259333	2.71	—	pCi/L	U	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.49	0.308333	3.9	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.83	0.4	3.9	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.67	0.47	5.11	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.586	0.64	5.67	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.205	0.249333	2.42	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.144	0.363333	4.09	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	135	22	330	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	136	22.56667	356	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	170	42.66667	332	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	101	24.33333	206	—	pCi/L	U	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	75.1	16.96667	217	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	137	23.33333	320	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	123	28.73333	276	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	188	33.23333	487	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	110	23.16667	251	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	112	25.8	373	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.747	2.5	23	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.2	4.933333	42.8	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	27.2	4.233333	36.4	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.96	1.85	17.6	—	pCi/L	U	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.53	2.23	22.4	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.53	3.666667	29	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	57.3	7.3	33.3	—	pCi/L	UI	R	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.5	4.166667	38.2	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14	1.626667	16	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.8	3.003333	32.4	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00598	0.0032	0.037	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0036	0.002397	0.0252	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00384	0.002217	0.0197	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00206	0.003433	0.0227	—	pCi/L	U	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00642	0.001517	0.0308	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00659	0.002633	0.04	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00405	0.003163	0.0283	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00585	0.002347	0.02	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00452	0.00151	0.0248	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.000577	0.0166	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-9.49E-10	0.001867	0.043	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0108	0.0019	0.0279	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00575	0.00143	0.0284	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0186	0.003433	0.0151	—	pCi/L	—	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00641	0.00214	0.0359	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0022	0.002833	0.047	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00202	0.001783	0.0314	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00195	0.001127	0.0289	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0203	0.00293	0.0165	—	pCi/L	U	R	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00173	0.001523	0.0194	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.709	5.333333	51	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	39.8	5.566667	39.3	—	pCi/L	UI	R	190068	GF070700G3iR01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	32.8	9.833333	44.5	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	10.7	3.8	22.3	—	pCi/L	U	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	30	3.633333	47.9	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.1	5.333333	38	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16	6.466667	62.5	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.21	6.9	50.8	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.5	4.133333	25.1	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	44.3	4.5	57.1	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.2	0.096667	0.55	—	pCi/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.03	0.083333	0.58	—	pCi/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.101	0.333333	3.4	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.04	0.48	2.49	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.35	0.396667	4.68	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.864	0.245	2.24	—	pCi/L	U	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.249	0.356667	3.97	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.5	0.366667	3.9	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.03	0.43	4.47	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.25	0.556667	4.96	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.234	0.244	2.37	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.494	0.423333	3.85	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0205	0.03	0.35	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.122	0.042667	0.491	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.14	0.024567	0.294	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0977	0.03	0.319	—	pCi/L	U	U	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0377	0.033167	0.354	—	pCi/L	U	U	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0184	0.033333	0.38	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0145	0.034	0.345	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0236	0.041667	0.478	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.277	0.042	0.41	—	pCi/L	U	U	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.121	0.034333	0.4	—	pCi/L	U	U	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.4	0.093333	0.089	—	pCi/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.07	0.088333	0.0395	—	pCi/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.55	0.095	0.0541	—	pCi/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4	0.094	0.0832	—	pCi/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4	0.087667	0.0608	—	pCi/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.2	0.086667	0.079	—	pCi/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.33	0.098	0.049	—	pCi/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.43	0.092333	0.0634	—	pCi/L	—	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.38	0.103333	0.0861	—	pCi/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	3.8	0.085333	0.0682	—	pCi/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.148	0.008	0.044	—	pCi/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.147	0.0085	0.0529	—	pCi/L	—	J	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.23	0.009233	0.0344	—	pCi/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.16	0.010867	0.0848	—	pCi/L	—	J	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.234	0.010733	0.0513	—	pCi/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.123	0.006667	0.039	—	pCi/L	—	NQ	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.178	0.009867	0.0655	—	pCi/L	—	J	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.212	0.009567	0.0403	—	pCi/L	—	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.18	0.0115	0.0878	—	pCi/L	—	J	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.218	0.010833	0.0575	—	pCi/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.93	0.063333	0.052	—	pCi/L	—	NQ	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.71	0.061333	0.0526	—	pCi/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.96	0.063333	0.0412	—	pCi/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.85	0.069667	0.0589	—	pCi/L	—	—	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.67	0.061	0.0646	—	pCi/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	2.67	0.056667	0.046	—	pCi/L	—	NQ	08-522	CAPU-08-10315	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	2.73	0.064667	0.0652	—	pCi/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	3.02	0.065	0.0483	—	pCi/L	—	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	3.09	0.075667	0.0609	—	pCi/L	—	—	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	2.49	0.058667	0.0725	—	pCi/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	1.21	—	—	1	µg/L	J	J	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10.5	—	—	1.05	µg/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	12.2	—	—	1.22	µg/L	U	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10	—	—	1	µg/L	U	UJ	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	50	—	—	20	µg/L	U	R	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	50	—	—	20	µg/L	U	UJ, R	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	50	—	—	20	µg/L	U	R	179102	GU061000G3iR01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	64.4	—	—	0.73	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	63.9	—	—	0.73	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	62.8	—	—	0.725	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	71.4	—	—	0.725	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	63.5	—	—	0.725	mg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	71.9	—	—	0.725	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	64	—	—	0.725	mg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.088	—	—	0.066	mg/L	J	J	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.095	—	—	0.066	mg/L	J	J	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.041	—	—	0.041	mg/L	U	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	0.066	mg/L	U	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	0.03	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	0.03	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	0.03	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.2	—	—	0.036	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.036	mg/L	N	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	0.036	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	0.03	mg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	0.03	mg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	0.03	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.036	mg/L	—	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.036	mg/L	N	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.5	—	—	0.036	mg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	5.36	—	—	0.066	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.35	—	—	0.066	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.15	—	—	0.066	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.86	—	—	0.066	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.16	—	—	0.066	mg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.67	—	—	0.053	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	5.12	—	—	0.066	mg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.742	—	—	0.033	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.721	—	—	0.033	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.701	—	—	0.033	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.714	—	—	0.033	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.766	—	—	0.033	mg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.764	—	—	0.03	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.781	—	—	0.033	mg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	57.9	—	—	0.43	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.1	—	—	0.43	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.6	—	—	0.425	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60	—	—	0.44	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.2	—	—	0.085	mg/L	—	—	167995	GF060700G04R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	62.2	—	—	0.085	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	57.5	—	—	0.43	mg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	57.7	—	—	0.43	mg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.5	—	—	0.425	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.3	—	—	0.44	mg/L	—	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.3	—	—	0.085	mg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64	—	—	0.085	mg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.36	—	—	0.085	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	0.085	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.22	—	—	0.085	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.085	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.66	—	—	0.085	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.34	—	—	0.085	mg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.2	—	—	0.085	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	0.085	mg/L	—	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.3	—	—	0.085	mg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.74	—	—	0.085	mg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.07	—	—	0.05	mg/L	—	J-	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.04	—	—	0.05	mg/L	—	J-	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.76	—	—	0.05	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.06	—	—	0.01	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.97	—	—	0.014	mg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.22	—	—	0.017	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.98	—	—	0.014	mg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	5.17	—	—	0.5	µg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.92	—	—	0.5	µg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4	—	—	4	µg/L	J	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.31	—	—	0.25	µg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.54	—	—	0.25	µg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4.35	—	—	4	µg/L	J	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	4.51	—	—	0.5	µg/L	—	J	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	3.19	—	—	0.25	µg/L	—	J	157226	GU06020G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.59	—	—	0.05	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	0.05	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	0.05	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	0.05	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	0.05	mg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.89	—	—	0.05	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	0.05	mg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	0.05	mg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.31	—	—	0.05	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	0.05	mg/L	—	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	0.05	mg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.96	—	—	0.05	mg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	0.032	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.9	—	—	0.032	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	69.8	—	—	0.032	mg/L	—	J, J-	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	76	—	—	0.032	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	76.1	—	—	0.032	mg/L	—	J, J-	167995	GU060700G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	0.045	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	0.045	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.045	mg/L	—	—	190028	GF070700G04R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	0.045	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.045	mg/L	N	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	0.045	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FB	Geninorg	SW-846:6010B	Sodium	—	0.315	—	—	0.045	mg/L	—	NQ	08-562	CAPU-08-9893	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	0.045	mg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	0.045	mg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	0.045	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	0.045	mg/L	—	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.045	mg/L	N	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	0.045	mg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1	uS/cm	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1	uS/cm	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1	uS/cm	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	190	—	—	1	uS/cm	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	232	—	—	1	uS/cm	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1	uS/cm	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	168	—	—	1	uS/cm	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.55	—	—	0.1	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.62	—	—	0.1	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.27	—	—	0.1	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.13	—	—	0.1	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.15	—	—	0.1	mg/L	—	J+	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.39	—	—	0.057	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.19	—	—	0.1	mg/L	—	J+	167995	GU060700G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.4	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.4	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.38	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	216	—	—	2.38	mg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.38	mg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.38	mg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	171	—	—	2.38	mg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.345	—	—	0.33	mg/L	J	J	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.52	—	—	0.33	mg/L	J	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.764	—	—	0.33	mg/L	J	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	0.33	mg/L	U	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	11/14/05	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.342	—	—	0.074	mg/L	J	J-, JN-	150271	GU05110G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.02	—	—	0.01	SU	H	J-	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	0.01	SU	H	J	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	0.01	SU	H	J	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	0.01	SU	H	J	157226	GF06020G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J	167995	GU060700G04R01	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.1	—	—	1.5	µg/L	J	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	1.6	—	—	1.5	µg/L	J	J	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.5	µg/L	J	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	33.7	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.5	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.3	—	—	1	µg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.8	—	—	1	µg/L	—	—	184483	GF070400G04R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1	µg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.1	—	—	1	µg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	33.1	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.8	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.2	—	—	1	µg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36	—	—	1	µg/L	—	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.3	—	—	1	µg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.7	—	—	1	µg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	4	—	—	2.5	µg/L	J	J	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	2.5	µg/L	J	J	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5	—	—	1	µg/L	—	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5	—	—	5	µg/L	U	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.2	—	—	1	µg/L	—	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.2	—	—	1	µg/L	J	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	4.7	—	—	2.5	µg/L	J	J	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.5	—	—	2.5	µg/L	J	J	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.9	—	—	1	µg/L	—	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5	—	—	5	µg/L	U	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6	—	—	1	µg/L	—	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	2.2	—	—	1	µg/L	J	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2	µg/L	J	J	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2	µg/L	J	J	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2	µg/L	J	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.3	—	—	2	µg/L	J	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2	µg/L	J	J	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2	µg/L	J	J	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.5	—	—	2	µg/L	J	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3	—	—	2	µg/L	J	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	µg/L	U	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	2.3	—	—	0.5	µg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.4	—	—	0.5	µg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	µg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.9	—	—	2.5	µg/L	J	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	µg/L	J	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	µg/L	J	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	2.2	—	—	0.5	µg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.3	—	—	0.5	µg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	µg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6	—	—	2.5	µg/L	J	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	µg/L	J	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	0.032	mg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.3	—	—	0.032	mg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	81.4	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.5	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.3	—	—	1	µg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	87.3	—	—	1	µg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1	µg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	98.6	—	—	1	µg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	81.2	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.3	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.6	—	—	1	µg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	83.4	—	—	1	µg/L	—	—	184483	GU070400G04R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.5	—	—	1	µg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1	µg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.71	—	—	0.05	µg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.72	—	—	0.05	µg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	0.05	µg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	0.05	µg/L	—	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	0.05	µg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.87	—	—	0.05	µg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.71	—	—	0.05	µg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	0.05	µg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	0.05	µg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	0.05	µg/L	—	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	0.05	µg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.97	—	—	0.05	µg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	8	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1	µg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1	µg/L	—	J+	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.1	—	—	1	µg/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1	µg/L	—	—	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1	µg/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1	µg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1	µg/L	—	J+	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1	µg/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1	µg/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	3.3	—	—	2	µg/L	J	J	08-562	CAPU-08-9895	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.6	—	—	2	µg/L	J	J	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	UJ	190028	GF070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	184483	GF070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.1	—	—	2	µg/L	J	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.4	—	—	2	µg/L	J	U	157226	GF06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FB	Metals	SW-846:6010B	Zinc	—	2.2	—	—	2	µg/L	J	J	08-562	CAPU-08-9893	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	3.8	—	—	2	µg/L	J	J	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.5	—	—	2	µg/L	J	J	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	UJ	190028	GU070700G04R01	GELC
R-4	1721	792.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	184483	GU070400G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.5	—	—	2	µg/L	J	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.7	—	—	2	µg/L	J	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Rad	EPA:903.1	Radium-226	<	0.0896	0.033333	0.36	—	pCi/L	U	U	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.652	0.05	0.23	—	pCi/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	11/14/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	7.57	0.423333	4.81	—	pCi/L	UI	R	150271	GU05110G04R01	GELC
R-4	1721	792.9	08/08/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.471	0.793333	8.38	—	pCi/L	U	U	142822	GU05080G04R01	GELC
R-4	1721	792.9	04/27/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.36	0.61	6.69	—	pCi/L	U	U	135508	GU05040G04R01	GELC
R-4	1721	792.9	10/10/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.804	0.666667	4.2	—	pCi/L	U	U	1935S	GW04-03-52303	GEL
R-4	1721	792.9	01/22/08	WG	UF	CS	FD	Rad	EPA:904	Radium-228	—	0.675	0.056667	0.46	—	pCi/L	—	NQ	08-562	CAPU-08-9894	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.77	0.07	0.48	—	pCi/L	—	NQ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	10/10/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.02	0.766667	8.9	—	pCi/L	U	U	1935S	GW04-03-52303	GEL
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	95	—	—	0.725	mg/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	93.4	—	—	0.725	mg/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	94	—	—	0.725	mg/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	01/09/08	WG	UF	CS	EQB	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	2.09	—	—	0.73	mg/L	—	NQ	08-474	CAPU-08-9912	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	<	0.725	—	—	0.725	mg/L	U	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	120	—	—	1.45	mg/L	—	—	135861	GU0504G05R201	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	253	—	—	1	uS/cm	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	276	—	—	1	uS/cm	—	—	184483	GF07040G05R201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2452	383.9	07/25/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	280	—	—	1	uS/cm	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	01/09/08	WG	UF	CS	EQB	Geninorg	EPA:120.1	Specific Conductance	—	1.22	—	—	1	uS/cm	—	NQ	08-474	CAPU-08-9912	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	281	—	—	1	uS/cm	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	219	—	—	1	uS/cm	—	—	135861	GU0504G05R201	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	0.01	SU	H	J	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	0.01	SU	H	J	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J	167998	GF06070G05R201	GELC
R-5	2452	383.9	01/09/08	WG	UF	CS	EQB	Geninorg	EPA:150.1	pH	—	6.2	—	—	0.01	SU	H	J-	08-474	CAPU-08-9912	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	0.01	SU	H	J	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	0.01	SU	H	J	135861	GU0504G05R201	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	87.9	—	—	0.725	mg/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	93.4	—	—	0.725	mg/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	91.4	—	—	0.725	mg/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	09/28/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	88	—	—	1.45	mg/L	—	—	122638	GF0409G05R301	GELC
R-5	2512	718.6	09/28/04	WG	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	89.1	—	—	1.45	mg/L	—	—	122689	GF0409G05R301	GELC
R-5	2512	718.6	01/10/08	WG	UF	CS	EQB	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	2.09	—	—	0.73	mg/L	—	NQ	08-474	CAPU-08-9913	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	90.4	—	—	0.725	mg/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1	µS/cm	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	267	—	—	1	µS/cm	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	261	—	—	1	µS/cm	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	01/10/08	WG	UF	CS	EQB	Geninorg	EPA:120.1	Specific Conductance	—	1.32	—	—	1	µS/cm	—	NQ	08-474	CAPU-08-9913	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	262	—	—	1	µS/cm	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	237	—	—	1	µS/cm	—	—	136031	GU0504G05R301	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.14	—	—	0.01	SU	H	J	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	0.01	SU	H	J	168163	GF06070G05R301	GELC
R-5	2512	718.6	01/10/08	WG	UF	CS	EQB	Geninorg	EPA:150.1	pH	—	6.18	—	—	0.01	SU	H	J-	08-474	CAPU-08-9913	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	0.01	SU	H	J	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	0.01	SU	H	J	136031	GU0504G05R301	GELC
R-5	2552	860.9	09/30/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	107	—	—	1.45	mg/L	—	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	108	—	—	1.45	mg/L	—	—	122689	GF0409G05R401	GELC
R-5	2552	860.9	05/03/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	103	—	—	1.45	mg/L	—	—	112313	GF0404G05R401	GELC
R-5	2552	860.9	05/03/04	WG	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	105	—	—	1.45	mg/L	—	—	112415	GF0404G05R401	GELC
R-5	2552	860.9	11/14/01	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	153	—	—	0.73	mg/L	—	NQ	238R	GW05-01-0031	GEL
R-5	2552	860.9	01/10/08	WG	UF	CS	EQB	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	2.62	—	—	0.73	mg/L	—	NQ	08-474	CAPU-08-9914	GELC
R-5	2552	860.9	01/10/08	WG	UF	CS	EQB	Geninorg	EPA:120.1	Specific Conductance	—	1.4	—	—	1	uS/cm	—	NQ	08-474	CAPU-08-9914	GELC
R-5	2552	860.9	05/04/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.016	—	—	0.01	mg/L	J	U	136031	GF0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011	—	—	0.011	mg/L	U	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	F	CS	—	Geninorg	EPA:300.0	Total Phosphate as Phosphorus	<	0.151	—	—	0.151	mg/L	UH	UJ	122723	GF0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	F	DUP	—	Geninorg	EPA:300.0	Total Phosphate as Phosphorus	<	0.151	—	—	0.151	mg/L	U	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	05/03/04	WG	F	CS	—	Geninorg	EPA:300.0	Total Phosphate as Phosphorus	<	0.151	—	—	0.151	mg/L	UH	UJ	112313	GF0404G05R401	GELC
R-5	2552	860.9	05/03/04	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.023	—	—	0.011	mg/L	J	—	112313	GF0404G05R401	GELC
R-5	2552	860.9	05/03/04	WG	F	DUP	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011	—	—	0.011	mg/L	U	—	112415	GF0404G05R401	GELC
R-5	2552	860.9	05/03/04	WG	F	DUP	—	Geninorg	EPA:300.0	Total Phosphate as Phosphorus	<	0.151	—	—	0.151	mg/L	UH	—	112313	GF0404G05R401	GELC
R-5	2552	860.9	02/19/04	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011	—	—	0.011	mg/L	U	JN-	107630	GF0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	F	CS	—	Geninorg	EPA:300.0	Total Phosphate as Phosphorus	<	0.151	—	—	0.151	mg/L	UH	—	107630	GF0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	F	DUP	—	Geninorg	EPA:300.0	Total Phosphate as Phosphorus	<	0.151	—	—	0.151	mg/L	UH	—	107630	GF0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	F	DUP	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011	—	—	0.011	mg/L	U	—	107630	GF0402G05R401	GELC
R-5	2552	860.9	01/10/08	WG	UF	CS	EQB	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.025	—	—	0.024	mg/L	J	J	08-474	CAPU-08-9914	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.059	—	—	0.011	mg/L	—	UJ	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/03/04	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011	—	—	0.011	mg/L	U	—	112313	GU0404G05R401-A	GELC
R-5	2552	860.9	05/03/04	WG	UF	DUP	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.033	—	—	0.011	mg/L	J	—	112415	GU0404G05R401-A	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.15	—	—	0.011	mg/L	—	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.05	—	—	0.011	mg/L	—	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	01/10/08	WG	UF	CS	EQB	Geninorg	EPA:150.1	pH	—	6.3	—	—	0.01	SU	H	J-	08-474	CAPU-08-9914	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1	µS/cm	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	161	—	—	1	µS/cm	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	154	—	—	1	µS/cm	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	05/11/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1	µS/cm	—	—	162882	GF060500G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	154	—	—	1	µS/cm	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	0.01	SU	H	J	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	0.01	SU	H	J	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	0.01	SU	H	J	168072	GF060700G06R01	GELC
R-6	5871	1205	05/11/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.33	—	—	0.01	SU	H	J	162882	GF060500G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.2	—	—	0.01	SU	H	J	168072	GU060700G06R01	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	255	—	—	1	µS/cm	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	281	—	—	1	µS/cm	—	—	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	260	—	—	1	µS/cm	—	—	168072	GF060700G6IR01	GELC
R-6i	5881	602	05/11/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	284	—	—	1	µS/cm	—	—	162882	GF060500G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	262	—	—	1	µS/cm	—	—	168072	GU060700G6IR01	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	0.01	SU	H	J	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	5.22	—	—	0.01	SU	H	J	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	0.01	SU	H	J	168072	GF060700G6IR01	GELC
R-6i	5881	602	05/11/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	0.01	SU	H	J	162882	GF060500G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	0.01	SU	H	J	168072	GU060700G6IR01	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	FTB	Voa	SW-846:8260B	Methylene Chloride	—	2.33	—	—	2	µg/L	J	J	08-571	CALA-08-9863	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	11.7	—	—	2	µg/L	B	U, J+	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	µg/L	U	—	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	µg/L	UH	UJ	168072	GU060700G6IR01	GELC
R-6i	5881	602	05/11/06	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	µg/L	U	—	162882	GU060500G6IR01	GELC
R-7	1442	915.1	04/26/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	96.4	—	—	1	µS/cm	—	—	135408	GU0504G07R301	GELC
R-7	1442	915.1	04/26/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	6.72	—	—	0.01	SU	H	J	135408	GU0504G07R301	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	2.09	—	—	0.73	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	0.973	—	—	0.725	mg/L	J	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	1.45	—	—	0.725	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	<	0.725	—	—	0.725	mg/L	U	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	12/08/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	<	1.45	—	—	1.45	mg/L	U	—	127273	GF0411G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	0.784	—	—	0.725	mg/L	J	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	68.1	—	—	0.73	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	66.3	—	—	0.725	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	75.6	—	—	0.725	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	66.6	—	—	0.725	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	65.6	—	—	0.725	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	59.5	—	—	1.45	mg/L	—	J	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.03	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	0.03	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	0.036	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.036	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	0.03	mg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.03	mg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.036	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.036	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.036	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.36	—	—	0.066	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.65	—	—	0.066	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.43	—	—	0.066	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.49	—	—	0.066	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	0.066	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.38	—	—	0.053	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.521	—	—	0.033	mg/L	—	J-	08-528	CALA-08-9945	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.525	—	—	0.033	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.537	—	—	0.033	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.569	—	—	0.033	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.547	—	—	0.033	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.536	—	—	0.03	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.9	—	—	0.43	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.9	—	—	0.425	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.2	—	—	0.44	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.6	—	—	0.085	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.3	—	—	0.43	mg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.6	—	—	0.425	mg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.8	—	—	0.44	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54	—	—	0.085	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.4	—	—	0.085	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	0.085	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.54	—	—	0.085	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.43	—	—	0.085	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	0.085	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.65	—	—	0.085	mg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.53	—	—	0.085	mg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	0.085	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	0.085	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	0.085	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.426	—	—	0.01	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.119	—	—	0.01	mg/L	—	J-	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.572	—	—	0.01	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.374	—	—	0.014	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	12/08/04	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.363	—	—	0.003	mg/L	—	—	127273	GF0411G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.41	—	—	0.014	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.356	—	—	0.003	mg/L	—	—	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.316	—	—	0.05	µg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.284	—	—	0.05	µg/L	—	J	190192	GF07070G08R101	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.289	—	—	0.05	µg/L	—	J	184079	GF07040G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.289	—	—	0.05	µg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.291	—	—	0.05	µg/L	—	J	135528	GU0504G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	UJ	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.02	—	—	0.05	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	0.05	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	0.05	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	0.05	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	0.05	mg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	0.05	mg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.08	—	—	0.05	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	0.05	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.13	—	—	0.05	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	59.9	—	—	0.032	mg/L	—	J	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.9	—	—	0.032	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	58.5	—	—	0.032	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	58.2	—	—	0.032	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.8	—	—	0.032	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.24	—	—	0.045	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.7	—	—	0.045	mg/L	E	J	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.82	—	—	0.045	mg/L	—	—	184079	GF07040G08R101	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.48	—	—	0.045	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.94	—	—	0.045	mg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.53	—	—	0.045	mg/L	E	J	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.91	—	—	0.045	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.54	—	—	0.045	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.74	—	—	0.045	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1	uS/cm	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	153	—	—	1	uS/cm	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	151	—	—	1	uS/cm	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	146	—	—	1	uS/cm	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	155	—	—	1	uS/cm	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	139	—	—	1	uS/cm	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.94	—	—	0.1	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.14	—	—	0.1	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.06	—	—	0.1	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.14	—	—	0.1	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.17	—	—	0.1	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	0.057	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.4	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.38	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.38	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.38	mg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.38	mg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.38	mg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.748	—	—	0.33	mg/L	J	J	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	0.33	mg/L	U	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	0.33	mg/L	U	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	0.33	mg/L	U	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.308	—	—	0.074	mg/L	—	J-	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.44	—	—	0.01	SU	H	J-	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.31	—	—	0.01	SU	H	J	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	0.01	SU	H	J	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	0.01	SU	H	J	168595	GF06070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.33	—	—	0.01	SU	H	J	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	—	SU	H	J	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2	—	—	1.5	µg/L	J	J	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	4.5	—	—	1.5	µg/L	J	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	4.2	—	—	1.5	µg/L	J	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.9	—	—	1.5	µg/L	J	J	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	6.3	—	—	1.5	µg/L	—	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.2	—	—	1.5	µg/L	J	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.8	—	—	1	µg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1	µg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23	—	—	1	µg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.7	—	—	1	µg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.8	—	—	1	µg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.4	—	—	1	µg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1	µg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1	µg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.7	—	—	1	µg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.7	—	—	2.5	µg/L	J	J	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.8	—	—	1	µg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	1	µg/L	—	—	184079	GF07040G08R101	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	08/01/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1	µg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	2.5	µg/L	J	J	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.1	—	—	1	µg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	1	µg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1	µg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	7.4	—	—	1	µg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.72	—	—	0.5	µg/L	J	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	0.5	µg/L	U	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	0.5	µg/L	J	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	0.5	µg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	0.5	µg/L	J	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.56	—	—	0.5	µg/L	J	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	0.5	µg/L	U	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	1.2	—	—	1	µg/L	J	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.4	—	—	0.032	mg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.6	—	—	1	µg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.6	—	—	1	µg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	82.8	—	—	1	µg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	88.9	—	—	1	µg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	87.8	—	—	1	µg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.4	—	—	1	µg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.8	—	—	1	µg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.6	—	—	1	µg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.6	—	—	1	µg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.6	—	—	1	µg/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12.4	—	—	1	µg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12	—	—	1	µg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.5	—	—	1	µg/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.2	—	—	1	µg/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.2	—	—	1	µg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.7	—	—	1	µg/L	—	J+	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.3	—	—	1	µg/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.5	—	—	1	µg/L	—	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.8	—	—	2	µg/L	J	J	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	UJ	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2	—	—	2	µg/L	J	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2	µg/L	J	J	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	UJ	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	16.1	—	—	2	µg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	µg/L	U	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.4	—	—	2	µg/L	J	—	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00185	0.003667	0.032	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000651	0.000377	0.0315	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0258	0.0086	0.0375	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0241	0.005667	0.035	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00307	0.001077	0.033	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0192	0.005433	0.0443	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00626	0.003037	0.033	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00771	0.002573	0.03	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	1.04	2.073333	19.3	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.486	0.5	4.8	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	5.16	0.5	5.18	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.52	0.363333	4.36	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.05	0.366667	3.9	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.75	0.38	3.28	—	pCi/L	U	U	190192	GU07070G08R101	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.412	0.333333	3.77	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.258	0.332333	3.61	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.838	0.279	2.94	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.582	0.433333	4.5	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.426	0.393333	3.93	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.18	0.583333	4.37	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.622	0.366667	3.2	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.14	0.343333	2.56	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.54	0.32	3.54	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.23	0.336667	3.75	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.78	0.318	3.57	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	68.6	15.33333	210	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.1	35	231	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	67.8	17.96667	166	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	96.2	28	280	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	65	14.43333	199	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	170	39.33333	381	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.2	21.93333	258	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	04/26/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	142	47	457	—	pCi/L	U	U	111870	GU0404G08R101	GELC
R-8	2302	711.1	04/26/04	WG	UF	DUP	—	Rad	EPA:901.1	Gross gamma	<	126	42.66667	558	—	pCi/L	U	—	111870	GU0404G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.41	3.066667	30	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.88	2.933333	28.2	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.74	2.703333	28.7	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.98	2.666667	28	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.7	3.076667	27	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.83	2.62	28.3	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.68	2.283333	23.9	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00481	0.004	0.044	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00754	0.00218	0.0264	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00488	0.00163	0.0469	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0113	0.003133	0.042	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0055	0.00162	0.0257	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0114	0.0035	0.0468	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00563	0.003	0.039	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	<	-0.00357	0.001883	0.025	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-4.58E-09	0.004	0.052	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00188	0.001087	0.0292	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0195	0.004	0.0546	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00453	0.0024	0.049	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.001223	0.0284	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0126	0.004867	0.0545	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0112	0.001983	0.033	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.00179	0.00103	0.022	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.8	5	44	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	3.34	4.533333	34.9	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	44.1	4.466667	61	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.1	5.666667	51	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.8	4.833333	44.1	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.7	3.833333	36.5	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.8	3.5	42.2	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	43.5	3.733333	43.3	—	pCi/L	UI	R	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.02	0.103333	0.79	—	pCi/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.17	0.095	0.686	—	pCi/L	—	J	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	17.3	1.343333	5.66	—	pCi/L	—	—	127273	GU0411G08R101	GELC
R-8	2302	711.1	08/24/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.73	1.113333	4.83	—	pCi/L	U	U	120019	GU0407G08R101	GELC
R-8	2302	711.1	04/26/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	20.4	1.943333	8.79	—	pCi/L	—	J	111870	GU0404G08R101	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	04/26/04	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	<	6.13	1.766667	19.2	—	pCi/L	U	—	111870	GU0404G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.294	0.063333	0.6	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.754	0.433333	4.5	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.17	0.463333	3.22	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.227	0.416667	4.63	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.07	0.4	3.6	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.04	0.38	3.96	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.12	0.393333	3.8	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.32	0.322333	3.95	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.675	0.304	3.12	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.394	0.05	0.44	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.255	0.043667	0.523	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0238	0.054667	0.548	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.000343	0.018333	0.21	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0139	0.045333	0.495	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.218	0.042667	0.42	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.124	0.0236	0.264	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	-0.0744	0.015667	0.234	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.216	0.008667	0.074	—	pCi/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.241	0.008833	0.0293	—	pCi/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.217	0.010133	0.0566	—	pCi/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.21	0.008667	0.077	—	pCi/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.228	0.008733	0.0319	—	pCi/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.184	0.008267	0.0491	—	pCi/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.226	0.009067	0.079	—	pCi/L	—	J	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.241	0.008833	0.067	—	pCi/L	—	—	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0231	0.002867	0.037	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0127	0.002257	0.0393	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00521	0.002413	0.048	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0134	0.002	0.038	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0083	0.00207	0.0427	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00289	0.002577	0.0416	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0261	0.004633	0.048	—	pCi/L	U	U	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0212	0.003053	0.044	—	pCi/L	U	U	127273	GU0411G08R101	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0643	0.005333	0.043	—	pCi/L	—	NQ	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.107	0.005533	0.0391	—	pCi/L	—	J	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.107	0.0068	0.0602	—	pCi/L	—	J	168595	GF06070G08R101	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.104	0.006	0.045	—	pCi/L	—	NQ	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.132	0.006533	0.0425	—	pCi/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.113	0.006433	0.0522	—	pCi/L	—	J	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0754	0.0054	0.056	—	pCi/L	—	J	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.0929	0.0051	0.048	—	pCi/L	—	J	127273	GU0411G08R101	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	16.8	—	—	0.73	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	15.1	—	—	1.45	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	10.6	—	—	1.45	mg/L	—	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	6.64	—	—	1.45	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3	—	6.51	—	—	1.45	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	80.1	—	—	0.73	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	80.3	—	—	1.45	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	76.6	—	—	1.45	mg/L	—	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	116	—	—	1.45	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	0.03	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.93	—	—	0.00554	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.39	—	—	0.00554	mg/L	E	J	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	0.00554	mg/L	—	—	112037	GF0404G08R201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	0.03	mg/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.98	—	—	0.036	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.27	—	—	0.00554	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.91	—	—	0.00554	mg/L	E	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	0.00554	mg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.6	—	—	0.066	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.13	—	—	0.0322	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.88	—	—	0.0322	mg/L	—	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.23	—	—	0.0322	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	3.25	—	—	0.053	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.36	—	—	0.033	mg/L	—	J-	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.344	—	—	0.0553	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.351	—	—	0.0553	mg/L	—	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.421	—	—	0.0553	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.37	—	—	0.03	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.2	—	—	0.43	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	0.43	mg/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	0.085	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.45	—	—	0.085	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.62	—	—	0.00518	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.55	—	—	0.00518	mg/L	E	J	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.67	—	—	0.00518	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.57	—	—	0.085	mg/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.77	—	—	0.085	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.53	—	—	0.00518	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.47	—	—	0.00518	mg/L	E	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.61	—	—	0.00518	mg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.47	—	—	0.01	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.234	—	—	0.003	mg/L	—	—	135560	GF0504G08R201	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.315	—	—	0.003	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.344	—	—	0.003	mg/L	H	J	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.24	—	—	0.01	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.322	—	—	0.003	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.343	—	—	0.003	mg/L	H	J	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.19	—	—	0.01	mg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.39	—	—	0.05	µg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.291	—	—	0.05	µg/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	UJ	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.253	—	—	0.05	µg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.214	—	—	0.05	µg/L	—	—	120126	GU0407G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.238	—	—	—	µg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.45	—	—	0.05	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.73	—	—	0.0165	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.25	—	—	0.0165	mg/L	E	J	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.95	—	—	0.0165	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.39	—	—	0.05	mg/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.33	—	—	0.05	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.72	—	—	0.0165	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.18	—	—	0.0165	mg/L	E	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.19	—	—	0.0165	mg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	24.6	—	—	0.00983	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	18.3	—	—	0.00983	mg/L	E	J	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	57.5	—	—	0.0212	mg/L	—	—	112037	GF0404G08R201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.7	—	—	0.032	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	24.2	—	—	0.00983	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	18.5	—	—	0.00983	mg/L	E	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	59	—	—	0.0212	mg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	0.045	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.8	—	—	0.0144	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.1	—	—	0.0144	mg/L	E	J	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.5	—	—	0.0144	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	0.045	mg/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.2	—	—	0.045	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.9	—	—	0.0144	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.1	—	—	0.0144	mg/L	E	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.9	—	—	0.0144	mg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1	µS/cm	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	173	—	—	1	µS/cm	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.72	—	—	0.1	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.35	—	—	0.193	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.3	—	—	0.193	mg/L	—	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.89	—	—	0.193	mg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.21	—	—	0.057	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.4	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.38	mg/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.783	—	—	0.33	mg/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.564	—	—	0.074	mg/L	—	J-	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.479	—	—	0.025	mg/L	—	UJ	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.601	—	—	0.025	mg/L	—	J-	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.19	—	—	0.025	mg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.98	—	—	0.01	SU	H	J-	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	9.01	—	—	—	SU	H	J	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.4	—	—	1.5	µg/L	J	J	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24	µg/L	U	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24	µg/L	U	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24	µg/L	U	UJ	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.3	—	—	1.5	µg/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24	µg/L	U	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24	µg/L	U	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24	µg/L	U	UJ	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	169	—	—	1	µg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	139	—	—	0.222	µg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	119	—	—	0.222	µg/L	E	J	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	191	—	—	0.222	µg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	170	—	—	1	µg/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1	µg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	114	—	—	0.222	µg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	115	—	—	0.222	µg/L	E	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	148	—	—	0.222	µg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	2.5	µg/L	J	J	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.7	—	—	0.503	µg/L	J	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.5	—	—	0.503	µg/L	B	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	2.8	—	—	0.503	µg/L	B	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.1	—	—	2.5	µg/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	3.1	—	—	1	µg/L	J	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	7.3	—	—	0.503	µg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	10.9	—	—	0.503	µg/L	—	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	3.3	—	—	0.503	µg/L	B	—	112037	GU0404G08R201	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6020	Manganese	<	1.61	—	—	1.61	µg/L	U	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6020	Manganese	<	1.61	—	—	1.61	µg/L	U	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6020	Manganese	—	55.7	—	—	1.61	µg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2	µg/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	2.7	—	—	1	µg/L	J	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	8.5	—	—	1.61	µg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	5.6	—	—	1.61	µg/L	—	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	29.7	—	—	1.61	µg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	0.69	µg/L	U	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	0.69	µg/L	U	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	0.69	µg/L	U	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	µg/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	1	—	—	1	µg/L	U	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	1.8	—	—	0.69	µg/L	J	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	3.9	—	—	0.69	µg/L	B	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	0.69	µg/L	U	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.8	—	—	0.032	mg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1	µg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	206	—	—	0.178	µg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	204	—	—	0.178	µg/L	E	J	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	213	—	—	0.178	µg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1	µg/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1	µg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	187	—	—	0.178	µg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	198	—	—	0.178	µg/L	E	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	197	—	—	0.178	µg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.72	—	—	0.05	µg/L	—	J	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	0.02	µg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	0.02	µg/L	—	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.02	µg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	02/20/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.26	—	—	0.02	µg/L	—	—	107630	GF0402G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.79	—	—	0.05	µg/L	—	J	08-528	CALA-08-9940	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.97	—	—	0.02	µg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.75	—	—	0.02	µg/L	—	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	0.02	µg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	02/20/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.24	—	—	0.02	µg/L	—	—	107630	GU0402G08R201-A	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1	µg/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	0.606	µg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12.2	—	—	0.606	µg/L	—	—	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	0.606	µg/L	—	—	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1	µg/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.6	—	—	1	µg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	0.606	µg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.2	—	—	0.606	µg/L	—	—	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	0.606	µg/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2	µg/L	J	J	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	0.883	—	—	0.883	µg/L	U	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.8	—	—	0.883	µg/L	B	U	120126	GF0407G08R201	GELC
R-8	2372	825	04/27/04	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	7.9	—	—	0.883	µg/L	—	U	112037	GF0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2	µg/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.5	—	—	2	µg/L	J	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	1	—	—	0.883	µg/L	J	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	5	—	—	0.883	µg/L	B	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	9.6	—	—	0.883	µg/L	—	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.002	0.002	0.033	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00333	0.001933	0.03	—	pCi/L	U	U	08-528	CALA-08-9940	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0468	0.005567	0.067	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-3.22	2.123333	19.3	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha-Spec	Americium-241	<	-0.0084	0.001987	0.033	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00291	0.00217	0.046	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	15.9	3.006667	29.1	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-2.11	1.86	19.5	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00718	0.00329	0.042	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.997	0.3	2.8	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.86	0.366667	3.5	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.461	0.211	2.19	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.348	0.333	3.46	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0996	0.336667	3.56	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.47	0.46	5.05	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.255	0.256667	2.7	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0586	0.433333	3.6	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.17	0.217333	2.29	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.256	0.323333	3.41	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.57	0.36	4.51	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	55.8	100	200	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.8	21.33333	260	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	65.6	15	204	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	132	36.33333	430	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.37	2.7	24	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.42	2.933333	25	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.09	1.886667	19.4	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00558	0.003233	0.051	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0112	0.003333	0.041	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0167	0.004633	0.043	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	<	1.11E-10	0.000883	0.026	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	<	-0.00817	0.006867	0.042	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	<	1.48E-09	0.004167	0.048	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0112	0.002933	0.06	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.07E-09	0.0021	0.048	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00209	0.003193	0.037	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.00187	0.00108	0.023	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.0136	0.004533	0.044	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.00622	0.0044	0.05	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.87	4.333333	44	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.8	6	33	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.9	9.233333	24.7	—	pCi/L	UI	R	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.8	7.166667	31.7	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.09	7.5	33.6	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	—	65.6	10.06667	46.7	—	pCi/L	—	J	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.376	0.066667	0.63	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.43	0.059333	0.524	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	22.2	1.666667	6.81	—	pCi/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.59	0.733333	8.55	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	8.13	1.626667	8.74	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.486	0.063333	0.53	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.26	0.283333	2.2	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.869	0.4	3.7	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.585	0.225667	2.29	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.94	0.4	3.7	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.37	0.330333	2.63	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.58	0.44	4.4	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0997	0.043333	0.49	—	pCi/L	U	U	08-528	CALA-08-9941	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.429	0.05	0.44	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.219	0.025567	0.286	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	-0.125	0.014333	0.226	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0881	0.030233	0.299	—	pCi/L	U	U	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	-0.0611	0.027433	0.284	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.494	0.015	0.083	—	pCi/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.539	0.015667	0.078	—	pCi/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.571	0.015733	0.076	—	pCi/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.614	0.016267	0.073	—	pCi/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.525	0.014633	0.071	—	pCi/L	—	J	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.856	0.0252	0.096	—	pCi/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00579	0.002733	0.041	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0136	0.002733	0.039	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0572	0.0044	0.046	—	pCi/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0305	0.003633	0.047	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	—	0.0523	0.0044	0.046	—	pCi/L	—	J	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	—	0.085	0.0061	0.058	—	pCi/L	—	J	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.215	0.009333	0.049	—	pCi/L	—	NQ	08-528	CALA-08-9941	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.259	0.009667	0.046	—	pCi/L	—	NQ	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.273	0.0098	0.054	—	pCi/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.337	0.010967	0.052	—	pCi/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.244	0.0091	0.051	—	pCi/L	—	J	120126	GU0407G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.439	0.015433	0.068	—	pCi/L	—	—	112037	GU0404G08R201	GELC
R-8	2372	825	01/15/08	WG	UF	CS	FTB	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.318	—	—	0.25	µg/L	J	J	08-528	CALA-08-9942	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	—	µg/L	U	—	135560	GU0504G08R201	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	110	—	—	0.73	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	111	—	—	0.73	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	107	—	—	0.725	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	118	—	—	0.725	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	110	—	—	0.725	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	111	—	—	0.725	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO_3+HCO_3	—	100	—	—	1.45	mg/L	—	—	113901	GU04050G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.03	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	0.03	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.03	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	0.036	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.3	—	—	0.036	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.03	mg/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	0.03	mg/L	—	NQ	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	0.03	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	0.036	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.4	—	—	0.036	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.2	—	—	0.036	mg/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	5.95	—	—	0.066	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.64	—	—	0.066	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.72	—	—	0.066	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.06	—	—	0.066	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.9	—	—	0.066	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	5.92	—	—	0.066	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	5.99	—	—	0.053	mg/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.307	—	—	0.033	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.308	—	—	0.033	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.326	—	—	0.033	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.307	—	—	0.033	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.332	—	—	0.033	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.343	—	—	0.033	mg/L	—	—	168378	GU060700G09R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.348	—	—	0.03	mg/L	—	J+	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	80.5	—	—	0.43	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.2	—	—	0.43	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.3	—	—	0.425	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	85.9	—	—	0.44	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	86.8	—	—	0.085	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	82.2	—	—	0.43	mg/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.8	—	—	0.43	mg/L	—	NQ	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.5	—	—	0.425	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.3	—	—	0.44	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.1	—	—	0.085	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	89.3	—	—	0.085	mg/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	6.32	—	—	0.085	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.42	—	—	0.085	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.25	—	—	0.085	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.76	—	—	0.085	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.35	—	—	0.085	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	6.47	—	—	0.085	mg/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.28	—	—	0.085	mg/L	—	NQ	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.32	—	—	0.085	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.37	—	—	0.085	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.32	—	—	0.085	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.42	—	—	0.085	mg/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.76	—	—	0.05	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.76	—	—	0.05	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.755	—	—	0.05	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.605	—	—	0.01	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.715	—	—	0.014	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	04/28/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.578	—	—	0.003	mg/L	—	—	135560	GF05040G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.653	—	—	0.014	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.976	—	—	0.1	µg/L	—	J	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.972	—	—	0.05	µg/L	—	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.986	—	—	0.05	µg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.886	—	—	0.05	µg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.884	—	—	0.05	µg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	—	168378	GF060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	µg/L	U	UJ	135560	GU05040G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.984	—	—	0.1	µg/L	—	J	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.52	—	—	0.05	mg/L	E	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.43	—	—	0.05	mg/L	E	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.32	—	—	0.05	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.67	—	—	0.05	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.61	—	—	0.05	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.48	—	—	0.05	mg/L	E	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.42	—	—	0.05	mg/L	E	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.34	—	—	0.05	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.58	—	—	0.05	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.62	—	—	0.05	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.68	—	—	0.05	mg/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.2	—	—	0.032	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.3	—	—	0.032	mg/L	—	J-	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.4	—	—	0.032	mg/L	—	J	168378	GF060700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.3	—	—	0.032	mg/L	—	J	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73	—	—	0.032	mg/L	—	—	135560	GU05040G09R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	16.9	—	—	0.045	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	0.045	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	0.045	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	0.045	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.1	—	—	0.045	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	17	—	—	0.045	mg/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	0.045	mg/L	—	NQ	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.2	—	—	0.045	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	0.045	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	0.045	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	0.045	mg/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	248	—	—	1	µS/cm	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1	µS/cm	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	264	—	—	1	µS/cm	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	250	—	—	1	µS/cm	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	274	—	—	1	µS/cm	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	276	—	—	1	µS/cm	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	240	—	—	1	µS/cm	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	5.73	—	—	0.1	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.75	—	—	0.1	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.58	—	—	0.1	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.89	—	—	0.1	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.76	—	—	0.1	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.79	—	—	0.1	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.79	—	—	0.057	mg/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	196	—	—	2.4	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	2.4	mg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	206	—	—	2.38	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	210	—	—	2.38	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	207	—	—	2.38	mg/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	206	—	—	2.38	mg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	04/28/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.38	mg/L	—	J	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.049	—	—	0.024	mg/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	0.024	mg/L	U	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	0.024	mg/L	U	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.013	—	—	0.01	mg/L	J	U	168378	GF060700G09R01	GELC
R-9	1731	684	04/28/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	0.01	mg/L	J	U	135560	GF05040G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.029	—	—	0.01	mg/L	J	U	168378	GU060700G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.12	—	—	0.01	SU	H	J-	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	0.01	SU	H	J-	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	0.01	SU	H	J	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	0.01	SU	H	J	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	0.01	SU	H	J	168378	GF060700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	0.01	SU	H	J	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	—	SU	H	J	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	2	—	—	1.5	µg/L	J	J	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.5	µg/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	µg/L	U	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.4	—	—	1.5	µg/L	J	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	2.3	—	—	1.5	µg/L	J	J	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.2	—	—	1.5	µg/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.7	—	—	1.5	µg/L	J	U	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.5	—	—	1.5	µg/L	J	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	µg/L	U	—	135560	GU05040G09R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	179	—	—	1	µg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	180	—	—	1	µg/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	190	—	—	1	µg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	206	—	—	1	µg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	185	—	—	1	µg/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	185	—	—	1	µg/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	176	—	—	1	µg/L	—	NQ	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	197	—	—	1	µg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	193	—	—	1	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	183	—	—	1	ug/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	170	—	—	1	ug/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	46	—	—	10	ug/L	J	J	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	46.2	—	—	10	ug/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	45.7	—	—	10	ug/L	J	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	49.9	—	—	10	ug/L	J	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	47.5	—	—	10	ug/L	J	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	45.6	—	—	10	ug/L	J	J	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	44.5	—	—	10	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	44.9	—	—	10	ug/L	J	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	46	—	—	10	ug/L	J	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	45	—	—	10	ug/L	J	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	47.6	—	—	10	ug/L	J	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	2.5	ug/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.3	—	—	1	ug/L	—	U	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1	ug/L	J	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1	ug/L	J	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	2.6	—	—	2.5	ug/L	J	J	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	2.5	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.3	—	—	1	ug/L	—	U	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1	ug/L	J	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.4	—	—	1	ug/L	J	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	2.4	—	—	1	ug/L	J	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	6.2	—	—	2	ug/L	J	J	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.3	—	—	2	ug/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.5	—	—	2	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	16	—	—	2	ug/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	30.6	—	—	2	ug/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2	ug/L	J	J	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.3	—	—	2	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.2	—	—	2	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.8	—	—	2	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	31.2	—	—	2	ug/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	54.4	—	—	1	ug/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.57	—	—	0.5	ug/L	J	J	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	0.5	ug/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	ug/L	J	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.86	—	—	0.5	ug/L	J	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.65	—	—	0.5	ug/L	J	J	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.58	—	—	0.5	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.91	—	—	0.5	ug/L	J	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.92	—	—	0.5	ug/L	J	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	1	—	—	1	ug/L	U	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	0.032	mg/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	0.032	mg/L	—	NQ	08-476	CALA-08-9876	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	168	—	—	1	ug/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	168	—	—	1	ug/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	171	—	—	1	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1	ug/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1	ug/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	171	—	—	1	ug/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1	ug/L	—	NQ	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	174	—	—	1	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1	ug/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	165	—	—	1	ug/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	ug/L	U	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	ug/L	U	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.43	—	—	0.4	ug/L	J	U	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.57	—	—	0.3	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	0.3	ug/L	U	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	ug/L	U	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	ug/L	U	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	0.4	ug/L	U	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.05	ug/L	—	NQ	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.05	ug/L	—	NQ	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	0.05	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	0.05	ug/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	0.05	ug/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.05	ug/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.05	ug/L	—	NQ	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	0.05	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	0.05	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	0.05	ug/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.75	—	—	0.02	ug/L	—	—	113901	GU04050G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.5	—	—	1	ug/L	—	J	08-476	CALA-08-9878	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1	ug/L	—	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.4	—	—	1	ug/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1	ug/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.5	—	—	1	ug/L	—	J	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1	ug/L	—	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.2	—	—	1	ug/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1	ug/L	—	—	135560	GU05040G09R01	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2	ug/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	ug/L	U	UJ	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2	ug/L	U	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.1	—	—	2	ug/L	J	U	168378	GF060700G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2	ug/L	J	JN-	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.2	—	—	2	ug/L	J	U	184003	GU070400G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.2	—	—	2	ug/L	J	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.9	—	—	2	ug/L	J	U	135560	GU05040G09R01	GELC
R-9	1731	684	05/15/01	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	7	14.16667	70	—	pCi/L	U	U	8838R	GW09-01-0006	PARA
R-9	1731	684	01/10/08	WG	UF	CS	FD	Rad	EPA:903.1	Radium-226	—	0.984	0.083333	0.51	—	pCi/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.14	0.09	0.52	—	pCi/L	—	NQ	08-476	CALA-08-9875	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.364	0.047333	0.397	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.316	0.062333	0.592	—	pCi/L	U	U	113901	GU04050G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.07	0.886667	7.2	—	pCi/L	U	U	113901	GU04050G09R01	GELC

Los Alamos Canyon Watershed Last Four Analytical Results
for Sampling January 9–January 29, 2008

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	05/27/04	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	<	7	0.76	8.83	—	pCi/L	U	—	113901	GU04050G09R01	GELC
R-9	1731	684	12/12/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.661	0.038667	—	—	pCi/L	—	—	103702	GU03120G09R01	GELC
R-9	1731	684	12/12/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	85.3	3.153333	13.4	—	pCi/L	—	—	103702	GU03120G09R01	GELC
R-9	1731	684	12/12/03	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	—	0.403	0.0307	—	—	pCi/L	—	—	103702	GU03120G09R01	GELC
R-9	1731	684	01/10/08	WG	UF	CS	FD	Rad	EPA:904	Radium-228	—	1.09	0.103333	0.77	—	pCi/L	—	NQ	08-476	CALA-08-9879	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.473	0.063333	0.54	—	pCi/L	U	U	08-476	CALA-08-9875	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5.05	1.173333	13.5	—	pCi/L	U	U	113901	GU04050G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	3.89	1.253333	14	—	pCi/L	U	—	113901	GU04050G09R01	GELC
R-9	1731	684	12/12/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	16.1	2.463333	29.9	—	pCi/L	U	U	103702	GU03120G09R01	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	306	—	—	1	µS/cm	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	240	—	—	1	µS/cm	—	J	114323	GU0405G9iR101	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	0.01	SU	H	J	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.3	—	—	—	SU	H	J	114323	GU0405G9iR101	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	166	—	—	1	µS/cm	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	152	—	—	1	µS/cm	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	0.01	SU	H	J	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	0.01	SU	H	J	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	DUP	—	Geninorg	EPA:150.1	pH	—	7.11	—	—	0.01	SU	H	—	64510	GU0207G9iR201	GELC

* — = None.

Appendix E

Screening Results

The following pages provide (1) definitions for other codes, (2) laboratory qualifier codes, (3) secondary validation flag codes, and (4) secondary validation reason codes. Refer to each of these sets of codes while reviewing the tables in Appendix E.

Definitions for Other Codes

Field Prep Code	
Field Prep Code	Description
ASHED	Ashed
CRUSH	Crushed
F	Filtered
NA	Not Applicable
SV	Sieved
UA	Unassigned
UF	Unfiltered
UNK	Unknown
Field QC Type Code	
Field QC Type Code	Description
CO	Collocated
EQB	Equipment Blank
FB	Field Blank
FD	Field Duplicate
FPR	Field Prepared Reagent
FPS	Field Prepared Spike
FR	Field Rinsate
FS	Field Split
FTB	Field Trip Blank
FTR	Field Triplicate
INB	Equipment blank taken during installation and not assoc with a sampling event
ITB	Trip blank taken during installation and not assoc with a sampling event
NA	Not Applicable
PE	Performance Evaluation
PEB	Performance Evaluation Blank
PEK	Performance Evaluation Known
RES	Resample
SS	Special Sampling Event, Data Unique
UA	Unassigned

Definitions for Other Codes (continued)

Analyte Suite Code	
Suite Code	Description
DIOX/FUR	Dioxins and Furans
DRO	Diesel Range Organics
GENINORG	General Inorganics
HERB	Herbicides
HEXP	High Explosives
METALS	Metal
PEST/PCB	Pesticides and PCBs
RAD	Radionuclides
SVOA	Semivolatile Organics
VOA	Volatile Organics
Lab Sample Type Code	
Lab Sample Type Code	Description
BLIND	Blind QC
BS	Blank Spike
BSD	Blank Spike Duplicate
CS	Client Sample
DL	Dilution
DUP	Duplicate
LCS	Lab Control Sample
LCSD	Lab Control Sample Duplicate
LCST	Laboratory Control Sample Triplicate
MB	Method Blank
MBD	Method Blank Duplicate
MBT	Method Blank Triplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MSQD	Matrix Spike Quadruplicate
MSQT	Fifth Matrix Spike
MST	Matrix Spike Triplicate
QNT	Fifth Replicate
QUD	Quadruplicate
RE	Reanalysis
REDP	Reanalysis Duplicate
RETRP	Reanalysis Triplicate
RI	Reissue
RID	Reissue Duplicate
SXT	Sixth Replicate
TOTC	Calculated Total
TOTCD	Calculated Total for a Duplicate
TRP	Triplicate

Laboratory Qualifier Codes

Lab Qualifier Code	Laboratory Qualifier Description
*	*(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
**	**(Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
*E	*(Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative.
ABJ	(A) (Organic)—The tentatively Identified compound is an aldol condensate. (B) (Organic).—This analyte was detected in the associated Laboratory Method Blank and the sample. (J) (Organic)—The reported analyte is a tentatively identified compound (TIC).
AJ	A (Organic)—The tentatively Identified compound is an aldol condensate. (J) (Organic)—The reported analyte is a tentatively identified compound (TIC).
B	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit.
B*	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the Instrument detection limit but less than the contract required detection limit. *(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
B*E	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. *(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative.
BE	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative.
BE*	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. *(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.

Laboratory Qualifier Codes (continued)

Lab Qualifier Code	Laboratory Qualifier Description
BEN	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the Instrument detection limit but less than the contract required detection limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic—The result for this analyte in the matrix spike sample was outside acceptance criteria.
BEN*	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. *(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
BJ	(B) (Organic)—This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL).
BJN	(B) (Organic)—This analyte was detected in the associated Laboratory Method Blank and the sample. (J) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Organic)—The reported analyte is a tentatively identified compound (TIC).
BJP	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
BN	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
BN*	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. *(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.

Laboratory Qualifier Codes (continued)

Lab Qualifier Code	Laboratory Qualifier Description
BNE	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative.
BP	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
BPX	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
BW	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit. (W) (Inorganic GFAA CLP)—The result for this analyte in the postdigestion spike sample was outside acceptance criteria.
D	(D) (Organic)—The result for this analyte was reported from a dilution.
DJ	(D) (Organic)—The result for this analyte was reported from a dilution. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL).
DP	(D) (Organic)—The result for this analyte was reported from a dilution. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
DPX	(D) (Organic)—The result for this analyte was reported from a dilution. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.

Laboratory Qualifier Codes (continued)

Lab Qualifier Code	Laboratory Qualifier Description
E	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative.
E*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. *(Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
EJ	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL).
EJ*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). *(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
EJN	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
EN	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
EN*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. *(Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
H	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.

Laboratory Qualifier Codes (continued)

Lab Qualifier Code	Laboratory Qualifier Description
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. *(Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
HJ	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL).
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). *(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
I	(I) (DIOXIN)—The lab is reporting an interference for the associated congener. The reported concentration is an Estimated Maximum Possible Concentration (EMPC) due to the reported interference.
J	(J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL).
J*	(J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). *(Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
JN	(J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analayte in the matrix spike sample was outside acceptance criteria.
JN*	(J) (Organic/Inorganic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. *(Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
JP	(J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the Practical Quantitation Limit (PQL). (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
JPX	(J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
JX	(J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.

Laboratory Qualifier Codes (continued)

Lab Qualifier Code	Laboratory Qualifier Description
L	(L) (Inorganic)—The result for this analyte in the serial dilution sample indicates physical and chemical interferences are present.
LT	(LT) (Rad)—The result for this analyte is affected by spectral interference.
N	(N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
N*	(N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. *(Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
P	(P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
PJ	(P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL).
PX	(P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
Q	(Q)—The result for this analyte was reported at an elevated reporting limit.
SI	(SI) (Rad)—Gamma spectroscopy result should be regarded as an uncertain identification due to spectral interference.
SQ	(SQ) (Rad)—Gamma spectroscopy result should be regarded as an uncertain identification due to spectral interference.
TI	(TI) (Rad)—Gamma spectroscopy result should be regarded as an uncertain identification due to spectral interference.
U	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit.
U*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. *(Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
UE	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative.

Laboratory Qualifier Codes (continued)

Lab Qualifier Code	Laboratory Qualifier Description
UEN	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
UH	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. *(Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
UI	(UI) (Rad)—Gamma spectroscopy result should be regarded as an uncertain identification.
UJ	(UJ) (Organic)—Legacy CST lab code should not be used.
UL	UL (all suites)—Not detected legacy—This lab qualifier code is applied by WQ personnel for CST data and other legacy data that was reported as not detected using the less than symbol without the laboratory assigning a U lab code.
UN	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
UN*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. *(Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
UUI	(UUI) (Rad)—Gamma spectroscopy result should be regarded as an uncertain identification and the lab assigned these gamma spectroscopy results as not detected.
UW	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (W) (Inorganic GFAA CLP)—The result for this analyte in the postdigestion spike sample was outside acceptance criteria.
UY2	(UY2) (Rad)—Result should be regarded as an uncertain identification due to spectral interference.
W	(W) (Inorganic GFAA CLP)—The result for this analyte in the postdigestion spike sample was outside acceptance criteria.
X	(X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
XB	(X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected. (B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the instrument detection limit but less than the contract required detection limit.

Secondary Validation Flag Codes

Valid Flag Code	Valid Flag Desc
A	The contractually required supporting documentation for this datum is absent.
GUP	Matrix and Units are inconsistent.
IUP	Matrix and Units are inconsistent.
J	The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual.
J+	The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
J-	The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
JN+	Presumptive evidence of the presence of the material at an estimated quantity with a suspected positive bias.
JN-	Presumptive evidence of the presence of the material at an estimated quantity with a suspected negative bias.
JPM	The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual. Manual review of raw data is recommended to determine if the observed noncompliances with quality acceptance criteria adversely impacts data use.
LIMIT	The limit type is uncertain.
MS	Invalid validation flag. MS indicates a laboratory matrix spike sample.
MSD	Invalid validation flag. MSD indicates a laboratory matrix spike duplicate sample.
N	Presumptive evidence of the presence of the material.
NJ	(Organic)—Analyte has been tentatively identified and the associated numerical value is estimated based upon 1:1 response factor to the nearest eluting internal standard
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
NUP	Matrix and Units are inconsistent B
P	Use professional judgment based on data use. A decision must be made by the project manager or a delegate with regard to the need for further review of the data. This review should include some consideration of potential impact that could result from using the P-qualified data.
PM	Manual review of raw data is recommended to determine if the observed noncompliances with quality acceptance criteria adversely impacts data use.
R	The reported sample result is classified as rejected due to serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone

Secondary Validation Flag Codes (continued)

Valid Flag Code	Valid Flag Description
RPM	The reported sample result is classified as rejected due to serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
RUP	Matrix and units are inconsistent C.
U	The analyte is classified as not detected.
UA	Invalid validation flag of unknown meaning.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.
VUP	Matrix and units are inconsistent D.

Secondary Validation Reason Codes

Valid Reason Code	Valid Reason Description
C12d	VOC_C12d
DR12a	ORGANIC_ODRO12a
DR3b	ORGANIC_ODRO3b
DR9a	ORGANIC_ODRO9a
G165b	GAMMA_GR165b
G165c	GAMMA_GR165c
G16b	GAMMA_G16b
G16bc	GAMMA_GR16bc
G16c	GAMMA_G16c
G3TPU	The sample result is less than or equal to 3 times the 1-sigma total propagated uncertainty.
G9a	GAMMA_G9a
G9ra	GAMMA_G9ra
GADM1	GAMMA_GADMIN1
GADMI	GAMMA_GADMIN1
GCZ	CST put zeros in the TPU field to indicate nondetects, therefore not detected (U).
GI16b	GAMMA_GI16b
GI16c	GAMMA_GI16c
GI16d	GAMMA_GI16d
GI4	GAMMA_GI4
GI5	GAMMA_GI5
GIQ	GIQ
GIR16	GAMMA_GIR16c
GJCST	Chemical Sciences and Technology validators assigned a J qualifier to this sample result. The hardcopy validation report should be reviewed to determine the reason for applying the J qualifier.
GJLAB	GJLAB_GAMMA

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
GLCS	The percent recovery from the laboratory control sample for this analyte was less than 10%.
GNONE	A reason code is not available in the database for the data qualifier(s) applied to this sample result.
GNPO	The reported result should be regarded as rejected because no peak was observed for this radionuclide in the gamma spectrum.
GNQ	The reported result should regarded as rejected because the gamma spectrum peak was not quantitated.
GR1	The tracer yield information is missing. Data may not be acceptable for use.
GR10	GAMMA_GR10
GR10a	GAMMA_GR10a
GR11	GAMMA_GR11
GR15b	GAMMA_GR15b
GR15c	GAMMA_GR15c
GR16	GAMMA_GR16
GR165	GAMMA_GR165b
GR166	GAMMA_GR166
GR16a	GAMMA_GR16a
GR16b	GAMMA_GR16b
GR16c	GAMMA_GR16c
GR16d	GAMMA_GR16d
GR16g	GAMMA_GR16g
GR17c	GAMMA_GR17c
GR19	The validator identified quality deficiencies in the reported data that require qualification.
GR1a	The tracer %R value is less than 10%.
GR1c	The MDC for the affected analytes are qualified as estimated because the associated tracer recovery was less than 30% but greater than 10% and the result is a nondetect.
GR1d	The results for the affected analytes are qualified as estimated and biased high because the associated tracer yield was greater than 105%.
GR3	The matrix spike information is missing. Data may not be acceptable for use.
GR3a	ORGANIC_OGRO3a

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
GR3b	ORGANIC_OGRO3b
GR3c	ORGANIC_OGRO3c
GR3d	ORGANIC_OGRO3d
GR3e	The results for the affected analytes are qualified as estimated and biased low because the associate matrix spike recovery was less than the LAL but greater than 10%, and the results are nondetect.
GR4	GAMMA_GR4
GR4a	The results for the affected analytes should be regarded as not detected (U) because the associated sample concentration is less than or equal to 5x the associated sample concentration.
GR5	GAMMA_GR5
GR54	GAMMA_GR54
GR5a	The MDC and/or TPU documentation is missing. Data may not be acceptable for use.
GR5b	GR5b
GR6	GAMMA_GR6
GR6a	GR6a
GR6b	The results for the affected analytes should be regarded as rejected because the LCS %R was less than 10%.
GR6c	The results for the affected analytes are qualified as estimated and biased low because the associated LCS was less than the LAL but greater than 10%, and the results are detected.
GR6d	The results for the affected analytes are qualified as estimated and biased low because the associated LCS was less than the LAL but greater than 10%, and the results are nondetect.
GR6e	GR6e
GR7	GAMMA_GR7
GR7a	The results for the affected analytes are qualified as estimated because the associated duplicate results were prepared separately from the original analysis.
GR7b	GAMMA_GR7b
GR7c	The affected analytes are qualified as rejected because the RER was greater than 4.
GR8	GAMMA_GR8
GR9	GAMMA_GR9

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
GR9a	GAMMA_GR9a
GR9b	GAMMA_GR9b
GRA	GAMMA_GRA
GRLAB	R Lab Gamma
GRNA	GAMMA_GRNA
GRR16	GAMMA_GRR16c
GRR1b	GAMMA_GRR1b
GRR6c	GAMMA_GRR16c
GSI	The reported result for this radionuclide should be regarded as rejected (R) due to spectral interference in the gamma spectrum.
GTI	The reported result should be regarded as rejected because the radionuclide identification based on the gamma spectrum is tentative.
GUJC	This analyte should be regarded as not detected because the analytical laboratory assigned a U lab qualifier. Chemical Sciences and Technology validators assigned the J qualifier. The hardcopy validation report should be reviewed to determine the reason for applying the J qualifier.
GULAB	This analyte should be regarded as not detected because the analytical laboratory assigned a U lab qualifier.
GUP_R	Gamma: Units and matrix inconsistent.
GZR	The result for this radionuclide was reported as zero (0); therefore, this analyte should be regarded as not detected.
GZUNC	Chemical Sciences and Technology division reported this result with an uncertainty value of zero (0), indicating that this analyte should be regarded as not detected.
G_LIA	The sample was lost in analysis. Results are not available for this sample.
G_MDA	The limit type (e.g., MDA, MDC, or DLC) was not reported by the analytical laboratory; the reported limit value has been saved in the MDA field.
G_NQ	No data qualifier flag has been applied to this sample result.
G_TPU	Result less than or equal to 3 * 1-sigma TPU, therefore not detected (U).
H10	The affected analytes are considered suspect because the sample was diluted without any target analytes identified due to matrix interference.
H11	The required retention time information is missing. Data may not be acceptable for use.
H11a	The affected analytes should be regarded as rejected because the associated retention times have shifted by more than 0.05 minutes from the initial calibration.
H12	Required LCS data are missing. The LCS analyte recoveries could not be evaluated. Data may not be acceptable for use.
H12a	H12a

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
H12b	HEXP_H12b
H12c	HEXP_H12c
H12d	HEXP_H12d
H14a	Insufficient sample volume was received for a matrix spike and/or a matrix spike duplicate analysis.
H14b	The matrix spike and/or the matrix spike duplicate analyses were not performed on a sample associated with a LANL request number.
H14c	The matrix spike and/or the matrix spike duplicate were analyzed on a sample associated with a different LANL request number but no summary was included.
H15	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
H16	Required calibration information is missing or samples were analyzed on an expired calibration. Data may not be acceptable for use.
H19	The validator identified quality deficiencies in the reported data that require qualification.
H3	The surrogate percent recovery is greater than the UAL, which indicates the potential for a high bias in the results and the potential for false positive results
H3a	The surrogate percent recovery is less than the LAL but greater than 10%R, which indicates the potential for a low bias in the detected results.
H3b	The surrogate is less than 10%R, which indicates the potential for a severely low bias in the results.
H3c	The reporting limit is approximated for nondetects because a surrogate percent recovery is lower than the LAL but greater than or equal to 10%R, which indicates an increased potential for false negative results.
H3d	The surrogate recovery is less than 10% and the result is a nondetect, which indicates significant potential for false negative results.
H3e	At least one surrogate percent recovery exceeds its upper UAL and at least one surrogate is less than its LAL, which indicates a greater than normal degree of uncertainty in the data.
H3f	At least one surrogate is less than 10%R and the sample result is a detect, which indicates the potential for a severely low bias in the results.
H3g	Required surrogate information is missing. Data may not be acceptable for use.
H4	The sample result is greater than the EQL and less than 5 times the concentration of the related analyte in the blank, which indicates that the reported detection is considered indistinguishable from blank contamination.
H4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5x.
H4b	Required method blank information is missing. Data may not be acceptable for use.
H5	The sample result is less than the EQL and less than 5 times the concentration of the analyte in the method blank, which indicates the reported detection is considered indistinguishable from contamination in the blank.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
H5a	Method-blank data is missing, or method blank was not analyzed. Data may not be acceptable for use.
H6	The recovery of the LCS analyte is greater than the UAL, which indicates the potential for high bias in the results and for false positive results.
H6a	HEXP_H6a
H6b	The of the LCS analyte percent recovery is less than the LAL and greater than or equal to 10%R, which indicates (1) the reporting limit is approximate and probably biased low for nondetected results, and (2) that detected results likely are biased low.
H6c	H6c
H6d	The result is a nondetect and the %R value of surrogates or the analyte in the LCS is less than 10%R, which indicates a greatly increased potential for false negative results.
H7	The affected results were not analyzed with a valid 5 point calibration curve and/or a standard at the reporting limit.
H7a	HEXP_H7a
H7c	The affected analytes should be regarded as estimated and/or rejected because the associated analyte did not have a standard at the reporting limit.
H8	HEXP_H8
H8a	The required confirmation column analysis data is missing. Data may not be acceptable for use.
H9	The holding time is exceeded. The data user should conduct a technical evaluation of the data of interest with respect to the effects of exceeding the holding time. Factors to consider include how long the holding time was exceeded, sample preservation, sample storage practices, use of the data, levels of contamination found in the sample, and the physical, chemical, and biological stability of the target analytes in the sample matrix.
H9a	H9a
H9b	HEXP_H9b
HEQLM	The result should be regarded as estimated (J) because the result was less than the EQL but greater than the MDL.
HERB	ORGANIC_HERB 3A
HERB1	ORGANIC_HERB12A
HERB3	ORGANIC_HERB3
HERB4	ORGANIC_HERB4
HERB8	ORGANIC_HERB8
HERB9	ORGANIC_HERB9
HHOLD	The result should be regarded as rejected (R) because the holding time was exceeded by more than 2 times.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
HJCST	CST assigned the J qualifier, need hard copy to determine CST's reason.
HNONE	No reason for historic HEXP data.
HNQ	HNQ
HQCBL	The J or R qualifier should not be accepted because the qualifier was assigned by CST based on a noncertified standard. The J or R qualifier should be ignored.
HR12a	ORGANIC_HERB12A
HR12b	ORGANIC_HERB12B
HR12c	ORGANIC_HERB12C
HR12d	ORGANIC_HERB12D
HR3a	ORGANIC_HERB 3A
HR3b	ORGANIC_HERB 3D
HR3d	ORGANIC_HERB3D
HR9	ORGANIC_HERB 9
HRLAB	R Lab HEXP
HSM	HEXP_SPECTRAL MATCH
HUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard copy to determine CST's reason.
HUJL	HUJL
HUJLA	HUJLA_HEXP
HULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
HWQ1	Relative percent difference of the MS/MSD is greater than the acceptance criteria.
HWQ10	Calibration Verification %D exceeded 60%
HWQ2	The spike percent recovery value is greater than or equal to the upper acceptance limit and the result is a detect, which indicates a potential high bias in the sample results.
HWQ3	The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.
HWQ4	The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
HWQ5	Nonspecified quality control failure; see validation report
HWQ6	The sample was improperly preserved.
HWQ7	Calibration % RSD was greater than the acceptance criteria but less than 60%
HWQ8	Calibration % RSD was greater than 60%
HWQ9	Calibration verification %D exceeded acceptance criteria but was less than 60%
Hba	HEXP_Hba
I	INORGANIC_I
I1	The sample result was reported as detected between the IDL and the EDL. Reported result may be less precise than results that are reported as being above the EDL.
I10	The duplicate sample RPD is greater than the advisory limit and the sample result is a detect. Manual review is suggested to determine the source of the difference between analyses.
I10a	The duplicate sample RPD is greater than the advisory limit and the sample result is a nondetect. Manual review is suggested to determine the source of the difference between analyses.
I10b	The affected analytes should be regarded as estimated because the duplicate results were not analyzed on a LANL sample.
I10c	The affected analytes should be regarded as estimated because the duplicate results exceeded the RPD requirements.
I10d	The affected analytes should be regarded as estimated because the duplicate results were greater than 2x the RL and the RPD was greater than 20 for water and 35 for soils.
I110	INORGANIC_I110
I113a	INORGANIC_I113a
I114b	INORGANIC_I114b
I13	INORGANIC_I13
I134b	INORGANIC_I134b
I13a	Insufficient sample volume was received for a duplicate-sample analysis.
I13b	The duplicate-sample analysis was not performed on a sample associated with this request number.
I13d	INORGANIC_I13d
I14	I14
I14a	Insufficient sample volume was received for a matrix-spike analysis.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
I14b	The matrix-spike analysis was not performed on a sample associated with this request number.
I15	The sample was damaged, lost, or there was insufficient quantity and the analytical laboratory was unable to analyze it.
I15a	An ICV was not reported for this sample.
I15b	A CCV was not reported for this sample.
I16	Relative percent difference is greater than 10% in the serial dilution sample.
I16a	The affected analytes should be regarded as rejected because the ICV/CCV recovered high.
I16b	INORGANIC_I16b
I16c	The affected analytes should be regarded as estimated because the ICV/CCV recovered low.
I16d	The affected analytes should be regarded as rejected because the ICV/CCV recovered less than 10%.
I16e	The affected analytes should be regarded as rejected because the initial calibrations corralation coefficient was less than 0.995
I16z	The affected analytes should be regarded as rejected because the ICV/CCV was not analyzed with the associated samples.
I17d	INORGANIC_I17d
I18	The affected analytes should be regarded as estimated because a serial dilution sample was not analyzed.
I18a	The affected analytes should be regarded as estimated because a serial dilution sample was not analyzed on a LANL sample.
I18b	The affected analytes should be regarded as estimated because the serial dilution sample RPD exceeded criteria.
I19	INORGANIC_I19
I1a	INORGANIC_I1a
I20	INORGANIC_I20
I24b	INORGANIC_I24b
I2h	INORGANIC_I2h
I3	The spike percent recovery value is greater than or equal to the upper acceptance limit (125%) but less than or equal to 150% and the result is a detect, which indicates a potential high bias in the sample results.
I3a	The spike percent recovery value is greater than 30% and less than the lower acceptance limit (75%), and the sample result is a detect, which indicates a potential low bias in the results.
I3b	INORGANIC_I3b
I3c	INORGANIC_I3c

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
I3d	The spike percent recovery value is less than 30%, and the result is a nondetect, which increases the potential for false negatives being reported. This could be caused by analytical interferences.
I3e	The spike percent recovery value is greater than 30% and less than the lower acceptance limit (75%), and the sample result is a nondetect, which indicates a potential for false negatives being reported.
I3e I	INORGANIC_I3e I4
I3eI4	INORGANIC_I3e I4
I3f	The spike percent recovery value is less than 30% and the sample result is a detect, which indicates a potential low bias.
I3g	The sample result is undetected and the spike percent recovery value is greater than 150%, which indicates a potential bias in the sample result.
I3h	The sample result is detected and the spike percent recovery value is greater than 150%, which indicates a potential high bias in the sample result.
I3j	INORGANIC_I3j
I3l	INORGANIC_I3l
I4	INORGANIC_I4
I4a	In comparison with the preparation blank, the sample result is greater than the EDL but less than or equal to 5 times the concentration of the related analyte in the blank.
I4b	Preparation blank data were not reported by the analytical laboratory.
I5	The sample result is less than the estimated detection limit (EDL) and is considered to be not detected.
I6	The percent recovery value of the analyte in the LCS is greater than the upper acceptance limit, which indicates a potential for quantitation problems in the analyses and the potential for false positive results being reported.
I6a	The percent recovery value of the analyte in the LCS is less than the lower acceptance limit and the analyte is a detect, which indicates a potential for quantitation problems in the analyses and the potential for false negative results being reported.
I6b	The percent recovery value of the analyte in the LCS is less than the lower acceptance limit and the analyte is a nondetect, which indicates a potential for quantitation problems in the analyses and the potential for false negative results being reported.
I6c	The corresponding LCS or LCS analyte was not analyzed with the associated batch.
I7	The ICS percent recovery value is greater than 120% and the result is a detect, which indicates potential quantitation problems in the analyses and the potential for false positive results being reported.
I7a	The ICS percent recovery value is greater than or equal to 50% and less than 80% and the result is a detect, which indicates a potential for a low bias.
I7b	The ICS percent recovery value is less than 50%, which indicates a greatly increased potential for false negative sample results being reported.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
I7c	The ICS percent recovery value is greater than or equal to 50% and less than 80%, and the result is a nondetect, which indicates a potential for false negative results being reported.
I7d	The ICS data was not provided by the analytical laboratory.
I9	The holding time is exceeded. Positive results may be biased low and nondetected analytes may be false negatives. An evaluation of the data with respect to the technical implications of exceeding the holding time is recommended. Factors to consider include sample preservation; sample storage practices; data use; levels of contamination found in the sample; and the physical, chemical, and biological stability of the target analytes in the sample matrix.
I9a	The affected analytes should be regarded as estimated because the extraction holding time was exceeded by 2 times the acceptable holding time.
IADM1	INORGANIC_IADMIN1
IADMI	INORGANIC_IADMIN1
ICSTZ	CST put zeros in the TPU field to indicate nondetects, therefore not detected (U).
IDRPD	IDRPD
IEQL	INORGANIC_IEQL/MDL
IEQL/	INORGANIC_IEQL/MDL
IH6a	INORGANIC_IH6a
IHOLD	IHOLD
IICP	IICP
IJCST	CST assigned the J qualifier, need hard copy to determine CST's reason.
IJLAB	IJLAB
ILCS	ILCS
ILIA	ILIA
ILOWS	VOC_LOWSTD
ILS	VOC_LOW STD
IMS10	IMS10
IMS30	IMS30
INONE	No reason for historical inorganic data
INQ	INQ

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
IPM	INORGANIC_IPM
IQCBL	IQCBL
IR10b	INORGANIC_IR10b
IR14b	INORGANIC_IR14b
IR3	INORGANIC_IR3
IR3a	INORGANIC_IR3a
IR4	INORGANIC_IR4
IR5	INORGANIC_IR5
IR6a	INORGANIC_IR6a
IR7	INORGANIC_IR7
IR9a	INORGANIC_IR9a
IR9b	INORGANIC_IR9b
IRCST	CST assigned the R qualifier, need hard copy to determine CST's reason.
IU1	INORGANIC_IU1
IU3e	INORGANIC_IU3e
IUA	INORGANIC_IUA
IUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard copy to determine CST's reason.
IUJLA	IUJLA
IULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
IUP_R	Inorganic: Units and matrix are inconsistent.
IUUJ	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard copy to determine CST's reason.
IV3a	INORGANIC_IV3a
IWQ1	The sample temperature was elevated
IWQ2	Negative blank samples results were greater than the MDL

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
IWQ3	Failed serial dilution RPD
IWQ4	Sample should have been preserved by acidification but was not. Error was not corrected at the laboratory.
IWQ5	Sample should not have been acidified but was. Error could not be corrected at the laboratory.
IWQ6	Nonspecified quality control failure; see validation report
IWQ7	Reporting limit verification recovery was greater than the acceptance criteria.
IZR	IZR
Id	INORGANIC_Id
Is	INORGANIC_Is
J+	VOC_J+
J-	VOC_J-
J_LAB	The analytical laboratory qualified the detected result as estimated (J) because the result was less than the PQL but greater than the MDL.
LB	Gross contamination exists from a source other than the standard.
LB1	Method-blank data are missing, or method blank was not analyzed at the required frequency.
LB2	ICB/CCB data are missing, or ICB/CCB was not run at the required frequency.
LB9	The sample result is less than 5 times the concentration of the related analyte in the blank.
LC1	The frequency of the CCV did not meet method criteria.
LC2	The CCV %D failed high.
LC3	The CCV %D failed low.
LCO	Suspected carryover. Compound detected in sample at value < 5X PQL. The previous sample had a value > high standard and required dilution.
LDL1	No CRI was analyzed to verify the reporting limit.
LDL2	The CRI recovery failed high.
LDL3	The CRI recovery failed low.
LDS1	An initial dilution was performed and the surrogate recovery was >/= 10% OR <10% but some sample results are >PQL.
LDS2	An initial dilution was performed and the surrogate recovery was 0% and sample results are nondetect.
LDS3	The sample result in a diluted sample was nondetect.
LDS4	The instrument response for a diluted sample result was < half the lowest calibration standard and the sample result is detect.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
LH1	The holding time is exceeded for sample analysis
LH2	The holding time is exceeded for sample extraction
LH3	The holding time is exceeded by greater than twice the specified holding time
LI	Required calibration information is missing or samples were analyzed on an expired calibration. Data may not be acceptable for use.
LI2	A second source ICV (or second standard made from the same stock) was not used to verify the calibration
LI3	The initial calibration %RSD or correlation coefficient failed to meet acceptance criteria.
LI4	The initial calibration slope or RF criteria were not met.
LI5	The initial calibration y-intercept criteria were not met.
LI6	An insufficient number of calibration standards were used and/or all standards were not analyzed within a 24 hour period. Data may not be acceptable for use.
LI7	Points were removed from the calibration curve and the reporting limits were not adjusted accordingly.
LIR1	Chorine isotope ratio criteria not met.
LIS	Required IS information is missing.
LIS1	The IS area count failed high.
LIS2	The IS area count failed low.
LIS4	The IS RT is >30sec from that of the associated standard.
LIV2	The ICV %D failed high.
LIV3	The ICV %D failed low.
LL1	The frequency of the LCS did not meet the specified criteria.
LL2	The LCS %R failed high.
LL3	The LCS %R failed low.
LL4	The LCS %Rs failed both high and low, or the LCS/LSCD RPD failed to meet criteria.
LMS1	An applicable MS/MSD analysis was not performed.
LMS2	The MS/MSD %R failed high.
LMS3	The MS/MSD %R failed low.
LMS4	Relative percent difference of the MS/MSD is greater than the acceptance criteria or the recoveries fail both high and low.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
LOW S	VOC_LOW STD
LOWST	VOC_LOWSTD
LP1	The sample was improperly preserved.
LP3	Sample not maintained at required temperature
LR1	The sample result exceeded the calibration range.
LR2	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
LRP1	There is no measure of precision for the sample, i.e., no replicate, MSD or LCSD was performed.
LRP2	The replicate precision criteria are not met.
LS	Required surrogate information is missing. Data may not be acceptable for use.
LS1	Surrogate failed high.
LS2	Surrogate failed low.
LS4	The surrogate %R in the blank did not meet acceptance criteria.
LWQ1	specified quality control failure; see report
MDL	ORGANIC_OEQL/MDL
N3TPU	NONE_<3*TPU result less than or equal to 3 * 1-sigma TPU, therefore not detected (U).
NJCST	NONE_J_CST
NJLAB	NONE_J_LAB
NND	NONE_NONDETECT
NNQ	NONE_NQ
NQ	The analytical laboratory did not qualify the analyte as not detected and/or any other standard qualifier. The analyte is detected in the sample.
NS12a	SVOC_SVV12a
NS12c	SVOC_SVV12c
NS1a	SVOC_SVVS1a
NUA	NONE_NUA
NULAB	NONE_U_LAB This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
NUP_R	Units and matrix are inconsistent.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
O12d	ORGANIC_OSV12d
O5XBL	ORGANIC_O5XBLANK
ODRO1	ORGANIC_ODRO12a
ODRO3	ORGANIC_ODRO3
ODRO4	ORGANIC_ODRO4
ODRO5	ODRO5_ORGANIC
ODRO7	ODRO7_ORGANIC
ODRO9	ORGANIC_ODRO9
OEQL/	ORGANIC_OEQL/MDL
OGR3b	OGR3b_ORGANIC
OGR3c	OGR3c_ORGANIC
OGRO3	ORGANIC_OGRO3
OGRO7	OGRO7_ORGANIC
OGRO9	ORGANIC_OGRO9
OH12b	ORGANIC_OH12b
OH9	ORGANIC_OH9
OI3	ORGANIC_OI3
OI4	ORGANIC_OI4
OI9	ORGANIC_OI9
ONONE	ORGANIC_ONONE
ONQ	ONQ
OP12a	ORGANIC_OP12a
OP12b	ORGANIC_OP12b
OP3	ORGANIC_OP3
OP3a	ORGANIC_OP3a
OP3b	ORGANIC_OP3b

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
OP3c	ORGANIC_OP3c
OP3d	ORGANIC_OP3d
OP4	ORGANIC_OP4
OP5	ORGANIC_OP5
OP6	ORGANIC_OP6
OP7	ORGANIC_OP7
OP7a	ORGANIC_OP7a
OP9	ORGANIC_OP9
OP9a	OP9a Organic
OPa	ORGANIC_OPa
OR1	INORGANIC_OR1
OSIN	ORGANIC_OSIN
OSV12	ORGANIC_OSV12d
OSV1a	ORGANIC_OSV1a
OSV3	ORGANIC_OSV3
OSV3a	ORGANIC_OSV3a
OSV4	ORGANIC_OSV4
OSV4a	ORGANIC_OSV4a
OSV7	ORGANIC_OSV7
OSV7a	ORGANIC_OSV7a
OSV9	ORGANIC_OSV9
OUJLA	O_UJ_LAB
OULAB	O_U_LAB This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
OV3	OV3
OV36	ORGANIC_OV36
OV3a	ORGANIC_OV3a

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
OV3b	ORGANIC_OV3b
OV3c	ORGANIC_OV3c
OV4	INORGANIC_OV4
OV7	ORGANIC_OV7
OV7a	ORGANIC_OV7a
OV9	ORGANIC_OV9
P10	The breakdown criteria have been exceeded, which indicates poor instrument performance, which can result in a low bias in the reported results and potential the labile compounds Endrin and 4,4'--DDT.
P10a	The breakdown criteria have been exceeded, which indicates poor instrument performance, which can result in a high bias in the reported results and potential false positive results for the breakdown products Endrin ketone, Endrin aldehyde, DDD, and DDE.
P10b	The breakdown recovery data are missing. The analyte breakdown could not be evaluated.
P10c	The affected analytes are considered suspect because the sample was diluted without any target analytes identified due to matrix interference.
P11	The surrogate retention time has shifted by more than 0.05 min, possibly affecting analyte identification and causing false positives or negatives to be reported.
P11a	The surrogate recovery data are missing. Surrogate recoveries could not be evaluated.
P11b	The affected analytes are considered estimated because the confirmed analytes was outside the retention time windows.
P12	The LCS data are missing. The LCS analyte recoveries could not be evaluated.
P12a	The LCS analyte is less than 10%R, which indicates the potential for a severely low bias in the results.
P12b	The LCS analyte is greater than 10%R but less than the LAL, which indicates the potential for a low bias in the results.
P12c	The result is a nondetect and the LCS analyte is greater than 10%R but less than the LAL, which indicates the potential for false negative results.
P12d	The LCS analyte %R value is greater than the UAL, which indicates the potential for high bias in the results and for false positive results.
P13	The Florisil cleanup not conducted; interferences may have increased analytical uncertainty and the potential for both false positives and false negatives.
P13a	The GPC cleanup was not conducted on this soil sample; interferences may have increased analytical uncertainty and the potential for both false positives and false negatives.
P13b	The appropriate cleanup was not conducted; interferences may have increased the analytical uncertainty and the potential for both false positives and false negatives. Examples of required cleanups are sulfur contamination (sulfur cleanup required), interferences in PCB samples (sulfuric acid cleanup required), and high molecular weight interferences in water samples (GPC cleanup required).

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
P14a	Insufficient sample volume was received for a matrix spike and/or a matrix spike duplicate analysis.
P14b	The matrix spike and/or the matrix spike duplicate analysis were not performed on a sample associated with a LANL request number.
P14c	The matrix spike and/or the matrix spike duplicate were analyzed on a sample associated with a different LANL request number but no summary was included.
P15	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
P16	Required continuing calibration information is missing. Data may not be acceptable for use.
P19	The validator identified quality deficiencies in the reported data that require qualification.
P23B	P23B
P3	The surrogate %R value is greater than the UAL, which indicates the potential for a high bias in the results and a potential for false positive results.
P3a	The surrogate is greater than 10%R but less than the LAL, which indicates the potential for low bias in the results.
P3b	The surrogate is less than 10%R, which indicates the potential for a severely low bias in the results.
P3c	The result is less than the EQL and the surrogate %R value is greater than10 % but less than the LAL, which indicates a potential for false negative results being reported.
P3d	The result is less than the EQL and the surrogate less than 10%R, which indicates a significant potential for false negative results.
P3e	One surrogate recovery is greater than the UAL and one surrogate recovery is less than the LAL, which indicates increased uncertainty in reported results.
P3f	The surrogate information is missing. Data may not be acceptable for use.
P4	The sample result is a detect but less than 5 times the concentration of the related analyte in the blank, which indicates that the reported detection is considered indistinguishable from blank contamination.
P46	PESTPCB_P46
P4a	The method blank or instrument blank documentation is missing.
P4b	The surrogate information is missing. Data may not be acceptable for use.
P5	PESTPCB_P5
P6	PESTPCB_P6
P7	The percent relative standard deviation (%RSD) or percent difference (%D) exceeds the applicable acceptance criterion, which indicates potential quantitation problems in the analyses and the potential for false negative results.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
P77	The affected analytes are considered estimated because the associated continuing calibration standard was not analyzed within 72 h of the initial analysis. This is for multicomponent analytes.
P7a	The multicomponent analyte standard was not analyzed within 72 h of a multicomponent analyte detection. Quantitation of the multicomponent detection in the sample may not be accurate.
P7b	PESTPCB_P7b
P7c	PESTPCB_P7c
P8	This analyte should be regarded as not detected because it was not confirmed on a second dissimilar column.
P8a	The required confirmation column analysis data is missing. Data may not be acceptable for use.
P9	The holding time is exceeded. The data user should conduct a technical evaluation of the data of interest with respect to the impact of exceeding the holding time. Factors to consider include sample preservation, sample storage practices, use of the data, levels of contamination found in the sample, and the physical, chemical, and biological stability of the target analytes in the sample matrix.
P913	PESTPCB_P913
P9a	The affected analytes should be regarded as estimated because the extraction holding time was exceeded by 2 times the acceptable holding time.
P9b	The results for the affected analytes are rejected because the analytical holding time was exceeded.
PC	PESTPCB_PC
PEQL	P_EQL/MDL The result should be regarded as estimated (J) because the result was less than the EQL but greater than the MDL.
PHOLD	P_HOLD_TIME
PJCST	P_J_CST
PJLAB	PJLAB_PESTPCB
PLIA	P_LIA
PNONE	No reason for historic AROCLOR data.
PNQ	P_NQ
PQCBL	P_QC_BLIND
PS10	P_Surr < 10%
PUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard copy to determine CST's reason.
PUJLA	P_U_LAB

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
PULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
PV3	PESTPCB_PV3
PV4	PESTPCB_PV4
PWQ1	No MS/MSD data was included in the data package.
PWQ10	Calibration verification %D exceeded acceptance criteria but was less than 60%
PWQ11	Calibration Verification %D exceeded 60%
PWQ2	Relative percent difference of the MS/MSD is greater than the acceptance criteria.
PWQ3	The spike percent recovery value is greater than or equal to the upper acceptance limit and the result is a detect, which indicates a potential high bias in the sample results.
PWQ4	The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.
PWQ5	The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.
PWQ6	Nonspecified quality control failure; see validation report
PWQ7	The sample was improperly preserved.
PWQ8	Calibration % RSD was greater than the acceptance criteria but less than 60%.
PWQ9	Calibration % RSD was greater than 60%.
R 6B	RAD_R 6B
R1	The tracer /carrier %R value is < 10%.
R10	RAD_R10
R10a	RAD_R10a
R10b	RAD_R10b
R11	The results for the affected analytes should be regarded as not detected (U) because the associated sample concentration was less than 3x the 1 sigma TPU.
R11a	RAD_R11a
R11b	RAD_R11b
R11c	RAD_R11c
R11d	RAD_R11d

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
R14	RAD_R14
R14a	Insufficient sample volume was received for a matrix-spike analysis.
R14b	The matrix-spike analysis was not performed on a sample associated with this RN
R16	RAD_R16
R16a	Result is greater than the MDC for the following fission and activation products with half-lives less than 365 days: Ce-144, Co-57, Mn-54, Pa-233, Se-75, and Zn-65.
R16b	Result is greater than the MDC for the following radionuclides not reliably measured by gamma spectroscopy: Ac-228, Ba-140, Bi-212, I-129, La-140, Np-237, Pa-231, Pa-234, Pb-210, Pb-211, Ra,-223, Ra-224, Ra-226, and Rn-219.
R16c	Result is greater than the MDC for the following naturally occurring radionuclides that are reliably measured by gamma spectroscopy and that can provide an indication of the quality of the gamma spectroscopy measurement: Bi-211, Bi-214, K-40, Pb-212, Pb-214, Th-227, Th-234, Tl-208, and annihilation radiation.
R16d	Result is greater than the MDC for the following six radionuclides typically used by the analytical labs in their LCSs for instrument calibration and checks on instrument performance: Cd-109, Ce-139, Hg-203, Sn-113, Sr-85, and Y-88.
R19	The validator identified quality deficiencies in the reported data that require qualification.
R1a	The tracer %R value is 10%–30% inclusive and the sample result is greater than the MDA.
R1b	The tracer %R value is 10%–30% inclusive and the sample result is less than the MDA.
R1c	The MDC for the affected analytes are qualified as estimated because the associated tracer recovery was less than 30% but greater than 10% and the result is a nondetect.
R1d	The results for the affected analytes are qualified as estimated and biased high because the associated tracer yield was greater than 105%.
R1e	The tracer/carrier %R value is not reported.
R1x	The tracer %R value is less than 10%.
R1z	The tracer %R value is less than 30% but greater than 10% and the sample result is a detect.
R3	The matrix spike %R value is greater than the upper limit and the sample result is greater than the MDA.
R3TPU	P_UJ_LAB
R3a	The matrix spike %R value is less than the lower limit and the sample result is greater than the MDA.
R3b	The matrix-spike %R value is less than 10% and the result is not detected.
R3c	The matrix spike %R value is less than the lower limit and the sample result is less than the MDA.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
R3d	The results for the affected analytes are qualified as estimated and biased low because the associate matrix spike recovery was less than the LAL but greater than 10%, and the results are detected.
R3e	The results for the affected analytes are qualified as estimated and biased low because the associate matrix spike recovery was less than the LAL but greater than 10%, and the results are nondetect.
R4	The sample result is greater than the MDA but less than 5 times the amount found in the blank.
R4a	The results for the affected analytes should be regarded as not detected (U) because the associated sample concentration is less than or equal to 5x the associated sample concentration.
R4b	Blank data is either missing from or not reported in the data record package.
R4z	The method blank information is missing. The data may be acceptable for use.
R5	Analyte is not detected because the amount reported is less than the MDC.
R5a	The MDC and/or TPU documentation is missing. Data may not be acceptable for use.
R5b	This analyte should be regarded as rejected because spectral interferences prevents positive identification of the analytes.
R6	Recovery of the analyte in the LCS is greater than the upper limit and the analyte result is greater than the MDA.
R6a	Recovery of analyte in the LCS is less than the lower limit and the analyte is greater than the MDA in the sample.
R6b	The results for the affected analytes should be regarded as rejected because the LCS %R was less than 10%.
R6c	The results for the affected analytes are qualified as estimated and biased low because the associated LCS was less than the LAL but greater than 10%, and the results are detected.
R6d	The results for the affected analytes are qualified as estimated and biased low because the associated LCS was less than the LAL but greater than 10%, and the results are nondetect.
R6e	The LCS data is missing from the data record package.
R7	The duplicate information is missing. Data may not be acceptable for use.
R7a	The results for the affected analytes are qualified as estimated because the associated duplicate results were prepared separately from the original analysis.
R7b	The duplicate and sample results have a DER (duplicate error ratio) that is greater than 2.0.
R7c	The affected analytes are qualified as rejected because the RER was greater than 4.
R8	RAD_R8
R9	The results for the affected analytes should be regarded as estimated because the holding time was exceeded.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
R96	RAD_R96
R9a	The results for the affected analytes should be regarded as rejected because the holding time was exceeded by 2 times the method published holding times.
R9b	RAD_R9b
RA	R_Accidentally_
RB7	RAD_RB7
RC0TP	R_CST_ZERO_TPU
RC0UN	R_CST_0_UNC
RI14a	RAD_RI14a
RI14b	RAD_RI14b
RI3	RAD_RI3
RI3a	RAD_RI3a
RI4	RAD_RI4
RI5	RAD_RI5
RI6	RAD_RI6
RIA	RAD_RIA
RIB	RAD_RIB
RJCST	R_J_CST
RJLAB	R_J_LAB
RLIA	R_LIA
RNONE	No reason for historical RAD data.
RNQ	R_NQ
RPA	RAD_RPA
RQCBL	RQCBL_RAD
RQCMX	R_Samp_QC_Mixed
RRLAB	R Lab RAD

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
RSQLP	RAD_SQLPLUR9B
RT30	R_Tracer < 30%
RUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard copy to determine CST's reason.
RUJLA	RUJLA_RAD
RULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
RUP_R	RAD: Units and matrix inconsistent.
RWQ1	Planchets were flamed
RWQ2	Result values are less than 3 times the MDC
RWQ3	Less than the negative MDC
RWQ4	Planchets were not flamed
RWQ5	The tracer %R value is greater than 105% but less than 125%
RWQ6	The tracer %R value is greater than 125%
RWQ7	Nonspecified quality control failure; see validation report
RZUNC	R_ZERO_UNCERT
R_MDA	R_MDA
Rb	RAD_Rb
SEQLM	The result should be regarded as estimated (J) because the result was less than the EQL but greater than the MDL.
SHOLD	SHOLD
SJCST	SJCST
SJLAB	SJLAB
SNQ	SNQ
SPECT	HEXP_SPECTRAL MATCH
SQCBL	SQCBL
SQLPL	RAD_SQLPLUR9B
SRO9	ORGANIC_SRO9

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
SSU10	SSU10
SUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard copy to determine CST's reason.
SUJLA	SUJLA
SULAB	SULAB
SV0	The IS retention time has shifted by more than ?30 sec, which could affect compound identification and result in false positives or negatives.
SV1	The IS area count for the quantitating IS is outside the –50% ± 100% window in relation to the previous continuing calibration, which could affect the quantitation accuracy of the associated analytes and the correct quantitation of surrogate %R values.
SV10	The affected analytes are considered suspect because the sample was diluted without any target analytes identified due to matrix interference.
SV11	TICs are not reported but were requested by ER Project. The validator contacted the laboratory that had not provided TICs.
SV12	The LCS documentation is missing. Data may not be acceptable for use.
SV12a	The LCS percent recovery was less than 10%.
SV12b	The LCS percent recovery was less than the LAL but greater than 10% and the result is detected.
SV12c	The LCS percent recovery was less than the LAL but greater than 10% and the result is not detected.
SV12d	The affected analytes should be regarded as estimated and biased high because the LCS percent recovery was greater than the UAL.
SV13c	SVOC_SV13c
SV15	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
SV16	Required calibration information is missing or samples were analyzed on an expired calibration. Data may not be acceptable for use.
SV16a	The results for the affected analytes are rejected because the instrument performance sample (DFTPP) did not pass method acceptance criteria.
SV19	The affected analytes are qualified because the data validator identified quality deficiencies in the reported data.
SV1a	The area count for the quantitating IS is less than 50% of the area count for the previous continuing calibration, greatly increasing the potential for false negative results.
SV1b	The area count for the quantitiating IS is greater than 200% of the area count for the previous continuing calibration.
SV2	The quantitating IS area count is less than 10% of the expected value, which indicates increased potential for false negative results and other possible problems with sample quantitation.
SV2a	Required IS information is missing. Data may not be acceptable for use.
SV2c	SVOC_SV2c

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
SV3	The %R values for two or more surrogates in either SV fraction is greater than the UAL, which indicates the potential for high bias in the results and the potential for false positive results.
SV3a	Two or more surrogates in either SV fraction are greater than or equal to 10%R but less than the LAL, which indicates the potential for low bias in the results.
SV3b	A surrogate in the related fraction is less than 10%R, and the result is a detect, which indicates the potential for severely low bias in the results.
SV3c	The result is a nondetect and two or more surrogates are greater than or equal to 10%R but less than the LAL, which indicates increased potential for false negative results.
SV3d	The result is a nondetect and a surrogate in the related fraction is less than 10%R, which indicates a greatly increased potential for false negative results.
SV3e	The %R value of one surrogate in a fraction is greater than the UAL and one is less than the LAL but greater than or equal to 10%R, which indicates a greater than normal uncertainty in the results.
SV3f	Required surrogate information is missing. Data may not be acceptable for use.
SV4	The sample result is greater than the EQL and less than or equal to 5 times (10 times for common phthalates) the concentration of the related analyte in the blank, which indicates the reported detection is considered indistinguishable from contamination in the blank.
SV4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5x (10x for common lab contaminates).
SV4b	Required method blank information is missing. Data may not be acceptable for use.
SV5	The sample result is less than the EQL and less than or equal to 5 times (10 times for common phthalates) the concentration of the analyte in the blank, which indicates the detected result was indistinguishable from contamination in the blank.
SV5a	Method-blank data is missing, or method blank was not analyzed. Data may not be acceptable for use.
SV5v7	SVOC_SV5v7a
SV6	SVOC_SV6
SV6b	SVOC_SV6b
SV7	The affected results were not analyzed with a valid 5 point calibration curve and/or a standard at the reporting limit.
SV7a	The affected analytes were analyzed with a initial calibration curve that exceeded the %RSD criteria and/or a continuing calibration standard that exceeded %D criteria.
SV7b	The affected analytes were analyzed with a RRF of less than 0.05.
SV8	The affected analyte is considered not detected because mass spectrum did not meet specifications.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
SV8a	The mass spectrum documentation is missing. Data may not be acceptable for use.
SV9	The extraction holding time is exceeded. The data user should evaluate the data of interest with respect to the effect of exceeding the holding time. Factors to consider include sample preservation, sample storage practices, use of the data, levels of contamination found in the sample, and the physical, chemical, and biological stability of the target analytes in the sample matrix.
SV9a	The affected analytes are regarded as rejected because the extraction holding time was exceeded by 2 times the method published holding time requirements.
SV9b	The affected analytes are regarded as rejected because the analytical holding time was exceeded.
SVA	SVOC_SVA
SVC	SVOC_SVC
SVD	SVOC_SVD
SVI	SVOC_SVI
SVIA	SVOC_SVIA
SVNON	No reason for historic SVOC data.
SVPM	SVOC_SVPM
SVS	SVOC_SVS
SVV12	SVOC_SVV12a
SVV1a	SVOC_SVV1a
SVV3	SVOC_SVV3
SVV4	SVOC_SVV4
SVV5	SVOC_SVV5
SVV7a	SVOC_SVV7a
SVV9	SVOC_SVV9
SVVS1	SVOC_SVVS1a
SWQ1	Relative percent difference of the MS/MSD is greater than the acceptance criteria.
SWQ10	Calibration Verification %D exceeded 60%
SWQ11	The LCS recovery was greater than the acceptance criteria

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
SWQ2	The spike percent recovery value is greater than or equal to the upper acceptance limit and the result is a detect, which indicates a potential high bias in the sample results.
SWQ3	The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.
SWQ4	The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.
SWQ5	Nonspecified quality control failure; see validation report
SWQ6	The sample was improperly preserved.
SWQ7	Calibration % RSD was greater than the acceptance criteria but less than 60%
SWQ8	Calibration %RSD exceeded 60%
SWQ9	Calibration Verification %D was greater than the acceptance criteria but less than 60%
UNK	Unknown
U_LAB	The analytical laboratory qualified the analyte as not detected.
V	VOC_V
V+	VOC_V+
V0	The IS retention time has shifted by more than 30 seconds, which could affect compound identification and cause false positives or negatives to be reported.
V1	The IS area count for the quantitating IS is outside the–50% ± 100% window in relation to the previous continuing calibration. This condition could affect the quantitation accuracy of the associated analytes.
V10	The affected analytes are considered suspect because the sample was diluted without any target analytes identified due to matrix interference.
V11	TICs are not reported by the analytical laboratory but were requested by the ER Project. The analytical laboratory was contacted and TICs were not provided.
V12	The LCS documentation is missing. The data may not be acceptable for use.
V126	VOC_V126
V12a	The LCS percent recovery was less than 10%.
V12b	The LCS percent recovery was less than the LAL but greater than 10%. The result is biased low and is detected.
V12c	The LCS percent recovery was less than the LAL but greater than 10%. The result was not detected.
V12d	The LCS percent recovery was greater than the UAL. The result is detected and biased high.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
V14a	Insufficient sample volume was received for a matrix spike and/or a matrix spike duplicate analysis.
V14b	The matrix spike and/or the matrix spike duplicate analysis was not performed on a sample associated with a LANL request number.
V14c	The matrix spike and/or the matrix spike duplicate was analyzed on a sample associated with a different LANL request number but no summary was included.
V15	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
V16	Required calibration information is missing or samples were analyzed on an expired calibration. Data may not be acceptable for use.
V16a	The results should be regarded as rejected because the BFB instrument performance sample did not pass method acceptance criteria.
V19	The validator identified quality deficiencies in the reported data that require qualification.
V1a	The area count for the quantitating IS is less than 50% of the area count for the previous continuing calibration, greatly increasing the potential for false negative results.
V1b	This analyte should be regarded as estimated because the IS failed high.
V1c	VOC_V1c
V1s	VOC_V1s
V2	The quantitating IS area is less than 10% of the expected value, which indicates an increased potential for false negative results and possibly other problems with sample quantitation.
V2a	Required IS information is missing. Data may not be acceptable for use.
V3	The surrogate percent recovery is greater than the UAL, which indicates the potential for a high bias in the results and the potential for false positive results.
V3a	The surrogate is less than the LAL but greater than or equal to 10%R, which indicates the potential for a low bias in the results.
V3b	The surrogate is less than 10%R and the result is a detect, which indicates the potential for a severely low bias in the results.
V3c	The surrogate is less than LAL and the result is a nondetect, which indicates the potential for a low bias in the results.
V3d	The surrogate is less than 10%R and the result is a nondetect, which indicates a greatly increased potential for false negative results.
V3e	At least one surrogate is greater than the UAL and one surrogate is less than the LAL, which indicates a greater than normal degree of uncertainty in the result.
V3f	Required surrogate information is missing. Data may not be acceptable for use.
V4	The sample result is less than or equal to 5 times (10 n for acetone, methylene chloride, and 2-butanone) the concentration of the related analyte in the method blank, which indicates the reported detection is considered indistinguishable from contamination in the blank.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
V4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5x (10x for common lab contaminates).
V4b	Required method blank information is missing. Data may not be acceptable for use.
V5	VOC_V5
V5a	Method-blank data is missing, or method blank was not analyzed. Data may not be acceptable for use.
V5c	VOC_V5c
V6b	VOC_V6b
V7	The affected results were not analyzed with a valid 5 point calibration curve and/or a standard at the reporting limit.
V76	VOC_V76
V78	VOC_V78
V7a	The affected analytes were analyzed with an initial calibration curve that exceeded the %RSD criteria and/or a continuing calibration standard that exceeded %D criteria.
V7b	The affected analytes were analyzed with a RRF of less than 0.05.
V8	The affected analyte is considered not detected because mass spectrum did not meet specifications.
V8a	The mass spectrum documentation is missing. Data may not be acceptable for use.
V9	The analytical and/or extraction holding time is exceeded. The data user should evaluate the data of interest with respect to the effects of exceeding the holding time. Factors to consider include sample preservation, sample storage practices, use of the data, levels of contamination found in the sample, and the physical, chemical, and biological stability of the target analytes in the sample matrix.
V9a	The affected analytes are regarded as rejected because the analytical/extraction holding time was exceeded by 2x the method published holding time requirements.
VC4	VOC_VC4
VEQL	The result should be regarded as estimated (J) because the result was less than the EQL, but greater than the MDL.
VI1	VOC_VI1
VI4	VOC_VI4
VI45	VOC_VI45
VIA	VOC_VIA
VIC	VOC_VIC

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
VJCST	VJCST
VJLAB	VJLAB
VLA	VOC_VLA
VNONE	No reason for historic VOC data.
VNQ	VNQ
VO	VOC_VO
VP	VOC_VP
VQCBL	VQCBL
VR5	VOC_VR5
VR7b	VOC_VR7b
VS	VOC_SPECTRUM
VSV1	VOC_VSV1
VSV1a	VOC_VSV1a
VSV3b	VOC_VSV3b
VSV3c	VOC_VSV3c
VSV4	VOC_VSV4
VSV5	VOC_VSV5
VSV7	VOC_VSV7
VSV7a	VOC_VSV7a
VU7a	VOC_VU7a
VUCST	VUCST
VUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard copy to determine CST's reason.
VUJLA	VUJLA
VULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
VUP_R	VOC: Units and matrix inconsistent.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
VWQ1	Relative percent difference of the MS/MSD is greater than the acceptance criteria.
VWQ10	Calibration Verification %D exceeded 60%
VWQ11	The LCS recovery was greater than the acceptance criteria
VWQ2	The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results.
VWQ3	The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.
VWQ4	The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.
VWQ5	Nonspecified quality control failure; see validation report
VWQ6	The sample was improperly preserved.
VWQ7	Calibration % RSD was greater than the acceptance criteria but less than 60%.
VWQ8	Calibration %RSD exceeded 60%.
VWQ9	Calibration Verification %D was greater than the acceptance criteria but less than 60%.

Table E-1
Surface-Water Metals

Location	Date	Analyte	Field Preparation Code	Field QC Type Code	Symbol	Result	Method Detection Limit	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NM Aquatic Acute 100 mg	Ratio (Result/Scr Level)	NM Aquatic Chronic 100 mg	Ratio (Result/Scr Level)
Los Alamos above DP Canyon	01/28/08	Al	F	—*	—	1440	68	µg/L	GELC	—	—	—	EPA:200.7	750	1.92	87	16.55
Los Alamos above SR-4	01/28/08	Al	F	—	—	1150	68	µg/L	GELC	—	—	—	EPA:200.7	750	1.53	87	13.22
Los Alamos below LA Weir	01/28/08	Al	F	—	—	1500	68	µg/L	GELC	—	—	—	EPA:200.7	750	2	87	17.24
Pueblo above Acid	01/28/08	Al	F	—	—	752	68	µg/L	GELC	—	—	—	EPA:200.7	750	1	87	8.64
Acid above Pueblo	01/28/08	Al	F	—	—	596	68	µg/L	GELC	N	J+	I3	EPA:200.7	750	0.79	87	6.85
Acid above Pueblo	01/28/08	Cu	F	—	—	5.2	3	µg/L	GELC	J	—	—	EPA:200.7	—	—	9	0.58
Pueblo above SR-502	01/28/08	Al	F	—	—	665	68	µg/L	GELC	N	J+	I3	EPA:200.7	750	0.89	87	7.64
Pueblo above SR-502	01/28/08	Cd	F	—	—	0.17	0.11	µg/L	GELC	JN	J+	I3	EPA:200.8	—	—	0.2	0.85
Acid above Pueblo	01/15/08	Al	F	—	—	244	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	87	2.8
Pueblo 3	01/14/08	Cu	F	—	—	5	3	µg/L	GELC	J	J	J_LAB	SW-846:6010B	—	—	9	0.56
Pueblo 3	01/14/08	Zn	F	—	—	66.2	2	µg/L	GELC	—	—	—	SW-846:6010B	117.2	0.56	118	0.56
Pueblo above SR-502	01/14/08	Cd	F	—	—	0.16	0.11	µg/L	GELC	J	J	J_LAB	SW-846:6020	—	—	0.2	0.8
Pueblo above SR-502	01/14/08	Cu	F	—	—	5.4	3	µg/L	GELC	J	J	J_LAB	SW-846:6010B	—	—	9	0.6

* — = None.

Table E-2
Surface-Water Perchlorate

Location	Date	Field QC Type Code	Field Preparation Code	Analytical Method Code	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
DP below Meadow at TA-21	01/18/08	—*	F	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Pueblo 3	01/14/08	—	F	SW-846:6850	—	1.73	0.1	µg/L	2	—	—	—	GELC
Pueblo above Acid	01/15/08	—	F	SW-846:6850	—	0.137	0.05	µg/L	1	J	J	J_LAB	GELC
Pueblo above SR-502	01/14/08	—	F	SW-846:6850	—	1.55	0.1	µg/L	2	—	—	—	GELC
Acid above Pueblo	01/15/08	—	F	SW-846:6850	—	0.354	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table E-3
Surface-Water Inorganics

Analyte	Location	Date	Field Preparation Code	Field QC Type Code	Symbol	Result	Uncertainty	Method Detection Limit	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	NM Aquatic Chronic 100 mg	Ratio (Result/Scr Level)	NMWQCC Wildlife Habitat	Ratio (Result/Scr Level)
CN(Amenable)	Acid above Pueblo	01/28/08	UF	—*	—	0.01	—	0.0015	mg/L	GELC	—	J-	IWQ6	0.0052	1.92	0.0052	1.92

* — = None.

Table E-4
Surface-Water Radionuclides

Location	Date	Analyte	Field Preparation Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE BCG Water	Ratio (Result/Scr Level)	NM Livestock Water	Ratio (Result/Scr Level)	NMED Radiation Protection	Ratio (Result/Scr Level)
Los Alamos above DP Canyon	01/28/08	GROSSA	UF	—*	—	5.32	1.01	2.07	pCi/L	GELC	EPA:900	—	J	RWQ2	—	—	15	0.35	—	—
Los Alamos above DP Canyon	01/28/08	Pu-239/240	UF	—	—	0.119	0.0174	0.044	pCi/L	GELC	HASL-300:ISOPU	—	J	RWQ2	200	—	—	—	20	0.01
Los Alamos above DP Canyon	01/28/08	Sr-90	UF	—	—	0.609	0.168	0.45	pCi/L	GELC	EPA:905.0	—	J	RWQ2	300	—	—	—	500	—
Los Alamos above SR-4	01/28/08	Am-241	UF	—	—	0.449	0.0391	0.0322	pCi/L	GELC	HASL-300:AM-241	—	—	—	400	—	—	—	20	0.02
Los Alamos above SR-4	01/28/08	GROSSA	UF	—	—	47	4.83	2.11	pCi/L	GELC	EPA:900	—	—	—	—	—	15	3.13	—	—
Los Alamos above SR-4	01/28/08	Pu-239/240	UF	—	—	0.343	0.0314	0.0516	pCi/L	GELC	HASL-300:ISOPU	—	—	—	200	—	—	—	20	0.02
Los Alamos above SR-4	01/28/08	Ra-226	UF	—	—	0.931	0.284	0.716	pCi/L	GELC	EPA:903.1	—	J	RWQ2	400	—	30	0.03	60	0.02
Los Alamos above SR-4	01/28/08	Sr-90	UF	—	—	1.84	0.252	0.351	pCi/L	GELC	EPA:905.0	—	—	—	300	0.01	—	—	500	—
Los Alamos below LA Weir	01/28/08	Am-241	UF	—	—	0.353	0.034	0.0331	pCi/L	GELC	HASL-300:AM-241	—	—	—	400	—	—	—	20	0.02
Los Alamos below LA Weir	01/28/08	Pu-239/240	UF	—	—	0.424	0.0324	0.0419	pCi/L	GELC	HASL-300:ISOPU	—	—	—	200	—	—	—	20	0.02
Los Alamos below LA Weir	01/28/08	Sr-90	UF	—	—	2.91	0.354	0.428	pCi/L	GELC	EPA:905.0	—	—	—	300	0.01	—	—	500	0.01
Pueblo above Acid	01/28/08	GROSSA	UF	—	—	9.03	1.17	1.29	pCi/L	GELC	EPA:900	—	—	—	—	—	15	0.6	—	—
Pueblo above Acid	01/28/08	Sr-90	UF	—	—	0.584	0.151	0.38	pCi/L	GELC	EPA:905.0	—	J	RWQ2	300	—	—	—	500	—
Acid above Pueblo	01/28/08	Am-241	UF	—	—	0.0446	0.0127	0.0307	pCi/L	GELC	HASL-300:AM-241	—	J	RWQ2	400	—	—	—	20	—
Acid above Pueblo	01/28/08	Pu-239/240	UF	—	—	0.598	0.0404	0.0422	pCi/L	GELC	HASL-300:ISOPU	—	—	—	200	—	—	—	20	0.03
Pueblo above SR-502	01/28/08	Am-241	UF	—	—	0.49	0.0469	0.0502	pCi/L	GELC	HASL-300:AM-241	—	—	—	400	—	—	—	20	0.02
Pueblo above SR-502	01/28/08	GROSSA	UF	—	—	72.9	7.25	4.41	pCi/L	GELC	EPA:900	—	—	—	—	—	15	4.86	—	—
Pueblo above SR-502	01/28/08	Pu-238	UF	—	—	0.0576	0.0124	0.0439	pCi/L	GELC	HASL-300:ISOPU	—	J	RWQ2	—	—	—	—	20	—
Pueblo above SR-502	01/28/08	Pu-239/240	UF	—	—	12.7	0.468	0.0516	pCi/L	GELC	HASL-300:ISOPU	—	—	—	200	0.06	—	—	20	0.64
Pueblo above SR-502	01/28/08	Ra-226	UF	—	—	2.49	0.41	0.602	pCi/L	GELC	EPA:903.1	—	—	—	400	0.01	30	0.08	60	0.04
DP below Meadow at TA-21	01/18/08	Ra-226	UF	—	—	1.68	0.38	0.78	pCi/L	GELC	EPA:903.1	—	—	—	400	—	30	0.06	60	0.03
DP below Meadow at TA-21	01/18/08	Ra-228	UF	—	—	0.821	0.22	0.54	pCi/L	GELC	EPA:904	—	—	—	300	—	30	0.03	60	0.01
Pueblo above Acid	01/15/08	Ra-226	UF	—	—	0.471	0.14	0.33	pCi/L	GELC	EPA:903.1	—	—	—	400	—	30	0.02	60	0.01
Pueblo above Acid	01/15/08	Ra-228	UF	—	<	0.783	0.27	0.73	pCi/L	GELC	EPA:904	—	U	R11	300	—	30	0.03	60	0.01

Table E-4 (continued)

Location	Date	Analyte	Field Preparation Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE BCG Water	Ratio (Result/Scr Level)	NM Livestock Water	Ratio (Result/Scr Level)	NMED Radiation Protection	Ratio (Result/Scr Level)
Acid above Pueblo	01/15/08	Ra-226	UF	—	—	0.441	0.14	0.36	pCi/L	GELC	EPA:903.1	—	—	—	400	—	30	0.01	60	0.01
Acid above Pueblo	01/15/08	Ra-228	UF	—	—	1.19	0.3	0.66	pCi/L	GELC	EPA:904	—	—	—	300	—	30	0.04	60	0.02
Pueblo 3	01/14/08	Ra-228	UF	—	—	0.737	0.21	0.53	pCi/L	GELC	EPA:904	—	—	—	300	—	30	0.02	60	0.01
Pueblo above SR-502	01/14/08	Pu-239/240	UF	—	—	0.382	0.038	0.062	pCi/L	GELC	HASL-300:ISOPU	—	—	—	200	—	—	—	20	0.02
Pueblo above SR-502	01/14/08	Ra-228	UF	—	—	0.791	0.23	0.59	pCi/L	GELC	EPA:904	—	—	—	300	—	30	0.03	60	0.01
Pueblo above SR-502	01/14/08	Sr-90	UF	—	—	0.675	0.15	0.41	pCi/L	GELC	EPA:905.0	—	—	—	300	—	—	—	500	—

* — = None.

Table E-5
Groundwater Metals

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Field QC Type Code	Symbol	Result	Minimum Detectable Activity	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NMWQCC STD	Ratio (Result/Scr Level)
Alluvial	APCO-1	SINGLE	4.7	01/16/08	Mn	F	FD	—*	628	2	µg/L	GELC	—	—	—	SW-846:6010B	200	3.14
Alluvial	APCO-1	SINGLE	4.7	01/16/08	Mn	F	—	—	631	2	µg/L	GELC	—	—	—	SW-846:6010B	200	3.16

* — = None.

Table E-6
Groundwater Organics

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte Description	Symbol	Result	Minimum Detection Level	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Scr Level)	EPA Tap Screening Level C	Ratio (Result/Scr Level)	EPA Tap Screening Level N	Ratio (Result/Scr Level)	NMWQCC STD	Ratio (Result/Scr Level)
Intermediate	R-3i	SINGLE	215.2	01/16/08	—*	UF	CS	Dioxane[1,4-]	—	1.21	1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	6.11E+01	0.02	—	—	—	—
Alluvial Spring	DP Spring	SPRING	—	01/18/08	PEB	UF	CS	Aroclor-1242	—	1.2	0.037	µg/L	1	B	J	P4a	SW-846:8082	GELC	5.00E-01	2.4	3.36E-01	3.57	—	—	1.00E+00	1.2
Alluvial Spring	DP Spring	SPRING	—	01/18/08	PEB	UF	CS	Aroclor-1260	—	0.041	0.037	µg/L	1	J	J	J_LAB	SW-846:8082	GELC	5.00E-01	0.08	3.36E-01	0.12	—	—	1.00E+00	0.04
Intermediate	R-6i	SINGLE	602	01/23/08	FTB	UF	CS	Methylene Chloride	—	2.33	2	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5.00E+00	0.47	8.94E+01	0.03	—	—	1.00E+02	0.02
Intermediate	LAOI-3.2	SINGLE	153.3	01/15/08	FTB	UF	CS	Methylene Chloride	—	2.49	2	µg/L	1	J	J	V7a	SW-846:8260B	GELC	5.00E+00	0.5	8.94E+01	0.03	—	—	1.00E+02	0.02
Intermediate	LAOI-3.2a	SINGLE	181.4	01/23/08	—	UF	CS	Dioxane[1,4-]	—	2.61	1.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	6.11E+01	0.04	—	—	—	—
Intermediate	LAOI-3.2a	SINGLE	181.4	01/23/08	—	UF	CS	Chloroform	—	0.301	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	8.00E+01	—	1.67E+00	0.18	—	—	1.00E+02	—
Intermediate	LAOI-7	SINGLE	240	01/09/08	—	UF	CS	Toluene	—	6.17	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1.00E+03	0.01	—	—	2.28E+03	—	7.50E+02	0.01
Regional	R-8	MULTI	825	01/15/08	FTB	UF	CS	Xylene[1,3-]+Xylene[1,4-]	—	0.318	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	—	—	—	—
Regional	R-24	SINGLE	825	01/22/08	FTB	UF	CS	Xylene[1,3-]+Xylene[1,4-]	—	0.315	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	—	—	—	—

* — = None.

Table E-7
Groundwater Perchlorate

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Analyte	Analytical Method Code	Symbol	Result	Minimum Detectable Activity	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Alluvial	PAO-1	SINGLE	6	01/17/08	—*	F	ClO_4	SW-846:6850	—	0.154	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	PAO-4	SINGLE	2	01/16/08	—	F	ClO_4	SW-846:6850	—	0.0596	0.05	µg/L	1	J	—	—	GELC
Alluvial	APCO-1	SINGLE	5	01/16/08	—	F	ClO_4	SW-846:6850	—	1.1	0.1	µg/L	2	—	—	—	GELC
Alluvial	APCO-1	SINGLE	5	01/16/08	FD	F	ClO_4	SW-846:6850	—	1.09	0.1	µg/L	2	—	—	—	GELC
Intermediate	POI-4	SINGLE	159	01/22/08	—	F	ClO_4	SW-846:6850	—	0.246	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-5	MULTI	384	01/09/08	EQB	UF	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	R-3i	SINGLE	215	01/16/08	—	F	ClO_4	SW-846:6850	—	2.3	0.2	µg/L	4	—	—	—	GELC
Regional	R-2	SINGLE	918	01/11/08	—	F	ClO_4	SW-846:6850	—	0.38	0.05	µg/L	1	—	—	—	GELC
Regional	R-4	SINGLE	793	01/22/08	—	F	ClO_4	SW-846:6850	—	4.92	0.5	µg/L	10	—	—	—	GELC
Regional	R-4	SINGLE	793	01/22/08	FD	F	ClO_4	SW-846:6850	—	5.17	0.5	µg/L	10	—	—	—	GELC
Regional	R-5	MULTI	719	01/10/08	EQB	UF	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-5	MULTI	861	01/10/08	EQB	UF	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC

Table E-7 (continued)

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Analyte	Analytical Method Code	Symbol	Result	Minimum Detectable Activity	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Alluvial Spring	DP Spring	SPRING	—	01/18/08	—	F	ClO_4	SW-846:6850	—	0.232	0.05	µg/L	1	—	—	—	GELC
Alluvial	LAO-B	SINGLE	12	01/14/08	—	F	ClO_4	SW-846:6850	—	0.188	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAO-B	SINGLE	12	01/14/08	FD	F	ClO_4	SW-846:6850	—	0.199	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAO-0.3	SINGLE	6	01/10/08	—	F	ClO_4	SW-846:6850	—	0.118	0.05	µg/L	1	J	J	PE16a	GELC
Alluvial	LAO-0.6	SINGLE	8	01/10/08	—	F	ClO_4	SW-846:6850	—	0.101	0.05	µg/L	1	J	J	PE16a	GELC
Alluvial	LAO-1	SINGLE	8	01/16/08	—	F	ClO_4	SW-846:6850	—	0.156	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAO-1.6g	SINGLE	10	01/14/08	—	F	ClO_4	SW-846:6850	—	0.192	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAUZ-1	SINGLE	5	01/11/08	—	F	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	LAO-2	SINGLE	7	01/15/08	—	F	ClO_4	SW-846:6850	—	0.752	0.05	µg/L	1	—	—	—	GELC
Alluvial	LAO-3a	SINGLE	5	01/09/08	—	F	ClO_4	SW-846:6850	—	0.596	0.05	µg/L	1	—	—	—	GELC
Alluvial	LAO-3a	SINGLE	5	01/09/08	FD	F	ClO_4	SW-846:6850	—	0.614	0.05	µg/L	1	—	—	—	GELC
Alluvial	LAO-4.5c	SINGLE	13	01/09/08	—	F	ClO_4	SW-846:6850	—	0.171	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	LADP-3	SINGLE	316	01/24/08	—	F	ClO_4	SW-846:6850	—	0.149	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	LAOI-3.2a	SINGLE	181	01/23/08	—	F	ClO_4	SW-846:6850	—	3.55	0.25	µg/L	5	—	J	PE15a	GELC
Intermediate	LAOI-7	SINGLE	240	01/09/08	—	F	ClO_4	SW-846:6850	—	0.65	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-9i	MULTI	279	01/22/08	EQB	UF	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	R-9i	MULTI	279	01/22/08	EQB	UF	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-7	MULTI	915	01/23/08	EQB	UF	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-8	MULTI	711	01/16/08	—	F	ClO_4	SW-846:6850	—	0.316	0.05	µg/L	1	—	—	—	GELC
Regional	R-8	MULTI	711	01/16/08	EQB	UF	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-8	MULTI	825	01/15/08	—	F	ClO_4	SW-846:6850	—	0.39	0.05	µg/L	1	—	—	—	GELC
Regional	R-8	MULTI	825	01/15/08	EQB	UF	ClO_4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-9	SINGLE	684	01/10/08	—	F	ClO_4	SW-846:6850	—	0.972	0.05	µg/L	1	—	J	PE16a	GELC
Regional	R-9	SINGLE	684	01/10/08	FD	F	ClO_4	SW-846:6850	—	0.976	0.1	µg/L	2	—	J	PE16a	GELC
Regional	R-24	SINGLE	825	01/22/08	—	F	ClO_4	SW-846:6850	—	0.395	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table E-8
Groundwater Radionuclides

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG Screening Level	Ratio (Result/Scr Level)	DOE DW DCG Screening Level	Ratio (Result/Scr Level)	EPA MCL	Ratio (Result/Scr Level)	NMWQCC Standard	Ratio (Result/Scr Level)	NMED Radiation Protection Screening Level	Ratio (Result/Scr Level)
Alluvial	APCO-1	SINGLE	4.7	01/16/08	Ra-226	UF	FD	—*	1.38	0.29	0.41	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.35	5	0.28	30	0.05	60	0.02
Alluvial	APCO-1	SINGLE	4.7	01/16/08	Ra-226	UF	—	—	0.804	0.22	0.44	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.2	5	0.16	30	0.03	60	0.01
Intermediate	POI-4	SINGLE	159	01/22/08	Ra-228	UF	—	—	0.65	0.17	0.45	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.16	5	0.13	30	0.02	60	0.01
Intermediate	R-3i	SINGLE	215.2	01/16/08	Ra-226	UF	—	—	1.2	0.29	0.55	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.3	5	0.24	30	0.04	60	0.02
Intermediate	R-3i	SINGLE	215.2	01/16/08	Ra-228	UF	—	—	1.03	0.25	0.58	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.26	5	0.21	30	0.03	60	0.02
Intermediate	R-3i	SINGLE	215.2	01/16/08	U	F	—	—	9.4	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.01	30	0.31	30	0.31	30	0.31	—	—
Intermediate	R-3i	SINGLE	215.2	01/16/08	U	UF	—	—	9.2	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.01	30	0.31	30	0.31	30	0.31	—	—
Regional	R-2	SINGLE	918	01/11/08	Ra-228	UF	—	—	1.05	0.24	0.47	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.26	5	0.21	30	0.04	60	0.02
Regional	R-4	SINGLE	792.9	01/22/08	Ra-226	UF	—	—	0.652	0.15	0.23	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.16	5	0.13	30	0.02	60	0.01
Regional	R-4	SINGLE	792.9	01/22/08	Ra-228	UF	FD	—	0.675	0.17	0.46	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.17	5	0.14	30	0.02	60	0.01
Regional	R-4	SINGLE	792.9	01/22/08	Ra-228	UF	—	—	0.77	0.21	0.48	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.19	5	0.15	30	0.03	60	0.01
Alluvial Spring	DP Spring	SPRING	—	01/18/08	Ra-226	UF	—	<	0.632	0.23	0.61	pCi/L	GELC	EPA:903.1	—	U	R11	100	0.01	4	0.16	5	0.13	30	0.02	60	0.01
Alluvial	LAO-B	SINGLE	11.84	01/14/08	Ra-226	UF	FD	—	2.27	0.41	0.63	pCi/L	GELC	EPA:903.1	—	—	—	100	0.02	4	0.57	5	0.45	30	0.08	60	0.04
Alluvial	LAO-B	SINGLE	11.84	01/14/08	Ra-226	UF	—	—	1.2	0.28	0.59	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.3	5	0.24	30	0.04	60	0.02
Alluvial	LAO-0.3	SINGLE	5.9	01/10/08	Ra-226	UF	—	—	1.16	0.27	0.46	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.29	5	0.23	30	0.04	60	0.02
Alluvial	LAO-0.3	SINGLE	5.9	01/10/08	Ra-228	UF	—	—	0.916	0.29	0.77	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.23	5	0.18	30	0.03	60	0.02
Alluvial	LAO-0.6	SINGLE	8	01/10/08	Ra-226	UF	—	—	1.22	0.33	0.76	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.31	5	0.24	30	0.04	60	0.02
Alluvial	LAO-1	SINGLE	8	01/16/08	Ra-226	UF	—	—	1.02	0.25	0.45	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.26	5	0.2	30	0.03	60	0.02
Alluvial	LAO-1	SINGLE	8	01/16/08	Ra-228	UF	—	—	0.676	0.21	0.55	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.17	5	0.14	30	0.02	60	0.01
Alluvial	LAO-1.6g	SINGLE	10.47	01/14/08	Ra-226	UF	—	—	1.6	0.33	0.61	pCi/L	GELC	EPA:903.1	—	—	—	100	0.02	4	0.4	5	0.32	30	0.05	60	0.03
Alluvial	LAO-1.6g	SINGLE	10.47	01/14/08	Ra-228	UF	—	—	1.09	0.32	0.84	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.27	5	0.22	30	0.04	60	0.02
Alluvial	LAUZ-1	SINGLE	5.35	01/11/08	Ra-228	UF	—	—	0.734	0.18	0.38	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.18	5	0.15	30	0.02	60	0.01
Alluvial	LAO-2	SINGLE	7	01/15/08	Ra-226	UF	—	—	1.67	0.34	0.64	pCi/L	GELC	EPA:903.1	—	—	—	100	0.02	4	0.42	5	0.33	30	0.06	60	0.03

Table E-8 (continued)

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG Screening Level	Ratio (Result/Scr Level)	DOE DW DCG Screening Level	Ratio (Result/Scr Level)	EPA MCL	Ratio (Result/Scr Level)	NMWQCC Standard	Ratio (Result/Scr Level)	NMED Radiation Protection Screening Level	Ratio (Result/Scr Level)
Alluvial	LAO-3a	SINGLE	4.7	01/09/08	Ra-226	UF	—	—	1.43	0.31	0.63	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.36	5	0.29	30	0.05	60	0.02
Alluvial	LAO-3a	SINGLE	4.7	01/09/08	Ra-228	UF	FD	<	0.63	0.21	0.55	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.16	5	0.13	30	0.02	60	0.01
Alluvial	LAO-4.5c	SINGLE	13.3	01/09/08	Ra-226	UF	—	—	2.92	0.47	0.44	pCi/L	GELC	EPA:903.1	—	—	—	100	0.03	4	0.73	5	0.58	30	0.1	60	0.05
Intermediate	LADP-3	SINGLE	316	01/24/08	Ra-228	UF	—	—	1.14	0.26	0.63	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.29	5	0.23	30	0.04	60	0.02
Intermediate	LAOI-3.2a	SINGLE	181.4	01/23/08	H-3	UF	—	—	2620	270	170	pCi/L	GELC	EPA:906.0	—	—	—	2000000	—	80000	0.03	20000	0.13	—	—	1000000	—
Intermediate	LAOI-3.2a	SINGLE	181.4	01/23/08	Ra-228	UF	—	—	0.604	0.19	0.56	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.15	5	0.12	30	0.02	60	0.01
Intermediate	LAOI-7	SINGLE	240	01/09/08	H-3	UF	—	—	832	100	170	pCi/L	GELC	EPA:906.0	—	—	—	2000000	—	80000	0.01	20000	0.04	—	—	1000000	—
Intermediate	LAOI-7	SINGLE	240	01/09/08	Ra-226	UF	—	—	3.09	0.51	0.73	pCi/L	GELC	EPA:903.1	—	—	—	100	0.03	4	0.77	5	0.62	30	0.1	60	0.05
Regional	R-8	MULTI	711.1	01/16/08	Ra-226	UF	—	—	1.02	0.31	0.79	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.26	5	0.2	30	0.03	60	0.02
Regional	R-9	SINGLE	684	01/10/08	Ra-226	UF	FD	—	0.984	0.25	0.51	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.25	5	0.2	30	0.03	60	0.02
Regional	R-9	SINGLE	684	01/10/08	Ra-226	UF	—	—	1.14	0.27	0.52	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.29	5	0.23	30	0.04	60	0.02
Regional	R-9	SINGLE	684	01/10/08	Ra-228	UF	FD	—	1.09	0.31	0.77	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.27	5	0.22	30	0.04	60	0.02
Regional	R-24	SINGLE	825	01/22/08	Ra-228	UF	—	—	0.553	0.14	0.35	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.14	5	0.11	30	0.02	60	0.01

* — = None.

Appendix F

Investigation-Derived Waste Management

F-1.0 INTRODUCTION

This appendix describes the storage and disposal of investigation-derived waste (IDW) generated during this periodic groundwater monitoring event conducted in the Los Alamos/Pueblo Watershed under the Los Alamos National Laboratory (the Laboratory) Interim Facility-Wide Groundwater Monitoring Plan (IFGMP). IDW is waste generated as a result of field investigation activities and may include, but is not limited to, purge water; contact waste, consisting of contaminated personal protective equipment (PPE), sampling supplies, plastic, and paper; fluids from the decontamination of PPE and sampling equipment; and all other wastes potentially contacting contaminants. IDW generated during implementation of the IFGMP is managed to protect human health and the environment, comply with applicable regulatory requirements, and adhere to Laboratory waste minimization goals. The wastes are managed in accordance with the Los Alamos/Pueblo Watershed groundwater monitoring waste characterization strategy form (WCSF), submitted in the January 2007 periodic monitoring report (PMR) (LANL 2007, 095819). The WCSF provides information on IDW characterization, management, containerization, analytical methods and estimated waste volumes. The Laboratory's 2007 "Los Alamos National Laboratory Hazardous Waste Minimization Report" (LANL 2006, 096015) is implemented during groundwater monitoring to minimize waste generation. The plan is updated annually as a requirement of Module VIII of the Laboratory's Hazardous Waste Facility Permit.

F-2.0 WASTE DETERMINATION

IDW characterization is completed through review of existing data and/or documentation and through sampling of the media being investigated (i.e., groundwater). The groundwater analyses are augmented, as needed, by direct sampling of containerized purge waters to fulfill a treatment or disposal facility's waste acceptance criteria (WAC). Under the 2007 IFGMP (LANL 2007, 096665), the wastes from each sampling event were initially managed as hazardous wastes until the analytical data for that event were available. However, multiple analyses showed that the groundwater (and, therefore, the wastes) for a number of the wells were not hazardous. The 2007 IFGMP recognized this and allowed the number of sampling events used to make Resource Conservation and Recovery Act (RCRA) waste determinations to be based on acceptable knowledge (AK) of groundwater conditions within a watershed in the area of a well. AK includes reviews of existing analytical data and may also include source term/process identification performed to identify whether the water contains hazardous waste in accordance with 40 Code of Federal Regulations 262.11 (incorporated by 20.4.1.300 New Mexico Administrative Code).

F-3.0 WASTE MANAGEMENT

All IDW generated during this periodic monitoring event is being managed in accordance with applicable Environmental Programs–Waste and Environmental Services (EP-WES) and Environmental Protection Water Quality and Resource Conservation Recovery Group (ENV-RCRA) standard operating procedures (SOPs). These SOPs incorporate the requirements of all applicable U.S. Environmental Protection Agency (EPA) and New Mexico Environment Department (NMED) regulations, U.S. Department of Energy (DOE) orders, and Laboratory implementation requirements.

SOPs applicable to the characterization and management of IDW are the following:

- ENV-RCRA-SOP-010.0, "Land Application of Groundwater" (http://int.lanl.gov/orgs/env/rcra/docs/qa/ENV-RCRA-SOP-010-R0.pdf)

- EP-ERSS-SOP-5022, "Characterization and Management of Environmental Restoration Project Waste," which replaces SOP-1.06 and 1.10 (http://int.lanl.gov/environment/all/docs/qa/ep_qa/EP-ERSS-SOP-5022.pdf)

The IDW streams associated with groundwater monitoring are identified in Table F-1 and are briefly described below. Table F-1 summarizes the waste types, volumes, characterization methods, methods of on-site management, and disposition path for each of the waste streams. Only the wastes generated during this particular monitoring event are detailed in this section and in Table F-1. The number of samples used to make the waste determination varies by well, depending on the classifications described under the Waste Determination section, above. If the waste has not yet been characterized or shipped to the destination where it will be treated and/or disposed of, "Pending" appears in the Disposition Status column of Table F-1.

Purge water: The purge water waste stream consists of groundwater purged from wells in the Los Alamos/Pueblo Watershed before sampling to ensure that representative samples are collected. Purge water is being managed and characterized in accordance with the WCSF and ENV-RCRA-SOP-010.0, "Land Application of Groundwater." ENV-RCRA-SOP-010.0 implements the notice of intent (NOI) decision tree, which was approved by the NMED Ground Water Quality Bureau and Hazardous Waste Bureau on November 21, 2006.

During the monitoring activity, purge water was collected and containerized as it was removed from the wells. If purge water at a specific well has met the requirements for land application, it may have been directly land-applied, or it may have been containerized before land application. The type of container used depends on the volume of purge water expected and includes 5-gal. carboys, 55-gal. drums, and other containers. U.S. Department of Transportation- (DOT-) approved containers are used, as appropriate, for transport. The containers of purge water are managed in accordance with their classification as hazardous, mixed, nonhazardous, or radioactive waste, as follows.

- If purge water is hazardous or mixed waste, it is placed in registered hazardous waste accumulation areas that may be at the location of the wells or may be at other locations at the Laboratory. Unless a "contained-in" is granted by NMED (decision point D5 of the NOI decision tree) or investigation of the sources of the contamination determines that the waste does not contain hazardous waste, the hazardous waste is treated or disposed of at a permitted off-site treatment, storage, and disposal (TSD) facility.
- Purge water that has been determined to be nonhazardous, including those for which a contained-in determination has been granted by NMED, are evaluated using ENV-RCRA-SOP-1.10 for land disposal. If land application criteria are met, the purge water is land-applied as specified in the NOI decision tree. If land application criteria cannot be met, the purge water is transported and disposed of at on-site facilities, if possible, or at an authorized off-site facility if the WACs of on-site facilities cannot be met (disposal pathways P3–P9 of the NOI decision tree).

Contact waste: The contact waste stream consists of wastes that "contacted" potentially contaminated environmental media (i.e., purge water) and cannot be decontaminated. It consists primarily of contaminated PPE (primarily gloves); disposable sampling supplies; and dry decontamination wastes, such as paper items. Contact waste is stored in containers (e.g., 55-gal. drums) at monitoring sites or at a consolidated accumulation area. DOT-approved containers are used, as appropriate, for transport. Characterization of this waste stream is being performed through AK of the waste materials, the methods of generation, and the levels of contamination observed in the environmental media (e.g., the results of analysis of associated water samples), and, if necessary, direct sampling of the containerized waste. The containers of purge water are managed in accordance with their classification as nonhazardous/nonradioactive, hazardous, mixed, or radioactive waste, as follows.

- Contact waste that has been in contact with nonhazardous, nonradioactive groundwater is disposed of at a New Mexico solid waste landfill using Waste Profile Form (WPF) 39268, a copy of which was included in Appendix F of the January 2007 PMR (LANL 2007, 095819).
- If the contact wastes are hazardous or mixed wastes, they are placed in registered hazardous waste accumulation areas that may be at the location of the wells or may be at other locations at the Laboratory. Unless a contained-in is granted by NMED (decision point D5 of the NOI decision tree) or a due diligence investigation of the sources of the contamination determines that the waste does not contain hazardous waste, the waste will be managed appropriately for its regulatory classification. If it is determined to be hazardous or mixed waste, it will be treated or disposed of at a permitted off-site TSD facility.
- If the contact wastes are nonhazardous but contain elevated radioactivity, the contact wastes may be designated as low-level radioactive waste and disposed of at Technical Area 54 (TA-54) Area G. Radioactive contact waste must be placed in registered radioactive accumulation areas that may be at the location of the wells or may be at other locations at the Laboratory. If the LANL Green Is Clean program verifies that the contact waste is nonradioactive, it is disposed of at a New Mexico solid waste landfill.

***Decontamination fluids**:* Consistent with waste minimization practices, the Laboratory employs dry decontamination methods to the extent possible. However, if dry decontamination cannot be performed, liquid decontamination is used. The decontamination fluids waste stream consists of decontamination solutions and rinse waters, such as deionized water and Alconox. Liquid decontamination wastes are collected in containers at the point of generation. The decontamination fluids waste stream are characterized through AK of the waste materials, the levels of contamination observed in the environmental media (e.g., the results of the associated water samples), and, if necessary, direct sampling of the containerized waste. These wastes receive the same designation as the associated purge water. The containers of decontamination fluids are managed in accordance with their classification as nonhazardous, hazardous, mixed, or radioactive waste, as follows.

- Nonhazardous/nonradioactive decontamination fluids may be sent to the Sanitary Waste System or the Sanitary or Effluent Reclamation Facility. The Radioactive Liquid Waste Treatment Facility or the TA-53 evaporation basins treat radioactive wastewaters. Radioactive wastewaters must be placed in registered radioactive accumulation areas that may be at the location of the wells or may be at other locations at the Laboratory. If the decontamination fluids do not meet the WAC for these facilities, they are sent off-site for treatment and/or disposal.
- If the wastes are hazardous or mixed waste, they are placed in registered hazardous waste accumulation areas that may be at the location of the wells or may be at other locations at the Laboratory. Unless a contained-in is granted by NMED (decision point D5 of the NOI decision tree) or a due diligence investigation of the sources of the contamination determines that the waste does not contain hazardous waste, the waste will be managed appropriately for its regulatory classification. If it is determined to be hazardous or mixed waste, it will be treated or disposed of at a permitted off-site TSD facility.

F-4.0 REFERENCES

The following list includes all documents cited in this appendix. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau; DOE–Los Alamos Site Office; EPA, Region 6; and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

LANL (Los Alamos National Laboratory), November 2006. "Los Alamos National Laboratory Hazardous Waste Minimization Report," Los Alamos National Laboratory document LA-UR-06-8175, Los Alamos, New Mexico. (LANL 2006, 096015)

LANL (Los Alamos National Laboratory), January 2007. "Periodic Monitoring Report for Los Alamos Watershed Sampled July 24 through August 10, 2006," Los Alamos National Laboratory document LA-UR-06-8092, Los Alamos, New Mexico. (LANL 2007, 095819)

LANL (Los Alamos National Laboratory), March 2007. "Periodic Monitoring Report for Los Alamos/ Pueblo Watershed Sampled August 15–31, 2006," Los Alamos National Laboratory document LA-UR-07-1425, Los Alamos, New Mexico. (LANL 2007, 095116)

LANL (Los Alamos National Laboratory), May 2007. "2007 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-07-3271, Los Alamos, New Mexico. (LANL 2007, 096665)

Table F-1
Summary of IDW Generation and Management

Waste Steam	Waste Type	Volume	Characterization Method	On-Site Management	Disposition Status
Purge Water	Nonhazardous, Nonradioactive	2194 gal.	Analytical results from groundwater monitoring samples and AK	Originally managed conservatively and collected in containers, stored at satellite accumulation areas, or at less-than-90-d accumulation areas. These wastes have been determined to be nonhazardous based on date review or due diligence. The containers and accumulation areas have been downgraded to nonhazardous.	Pending land application review and approval
Contact Waste	Nonhazardous, Nonradioactive	0.07 yd^3 (14 gal.)	AK	Zip-lock baggies accumulated in containers	Disposed of at New Mexico solid waste landfill; WPF #39268*
Contact Waste	Nonhazardous, Suspect radioactive	<0.22 yd^3 (44 gal.)	AK	Managed as described above	Pending Green Is Clean screening, segregation, or WPF approval
Decontamination Fluids	Nonhazardous, Nonradioactive	12 gal.	Analytical results from groundwater monitoring samples and AK	Collected in 250 mL to 1-gal. bottles, stored in 55-gal. drums at accumulation areas	Pending WPF approval and disposal

Notes: Volumes recorded represent volumes generated during this particular sample event. The associated disposal documents record volumes for multiple sample events.

*The existing WPF was submitted in the January 2007 PMR (LANL 2007 095819).

Appendix G

Analytical Reports and Previously Unreported Data
(on DVD included with this document)

DVD Table of Contents

Request	Suite	Sample	Date	Location
202074	GENINORG	GF080100M03001	1/28/2008	Los Alamos above DP Canyon
202074	GENINORG	GF080100M04201	1/28/2008	Los Alamos above SR-4
202074	GENINORG	GF080100M05001	1/28/2008	Los Alamos below LA Weir
202074	GENINORG	GU080100M03001	1/28/2008	Los Alamos above DP Canyon
202074	GENINORG	GU080100M04201	1/28/2008	Los Alamos above SR-4
202074	GENINORG	GU080100M05001	1/28/2008	Los Alamos below LA Weir
202074	METALS	GF080100M03001	1/28/2008	Los Alamos above DP Canyon
202074	METALS	GF080100M04201	1/28/2008	Los Alamos above SR-4
202074	METALS	GF080100M05001	1/28/2008	Los Alamos below LA Weir
202074	METALS	GU080100M03001	1/28/2008	Los Alamos above DP Canyon
202074	METALS	GU080100M04201	1/28/2008	Los Alamos above SR-4
202074	METALS	GU080100M05001	1/28/2008	Los Alamos below LA Weir
202074	PEST/PCB	GU080100M03001	1/28/2008	Los Alamos above DP Canyon
202074	PEST/PCB	GU080100M04201	1/28/2008	Los Alamos above SR-4
202074	PEST/PCB	GU080100M05001	1/28/2008	Los Alamos below LA Weir
202074	RAD	GU080100M03001	1/28/2008	Los Alamos above DP Canyon
202074	RAD	GU080100M04201	1/28/2008	Los Alamos above SR-4
202074	RAD	GU080100M05001	1/28/2008	Los Alamos below LA Weir
202111	GENINORG	GF080100M05601	1/28/2008	Acid above Pueblo
202111	GENINORG	GF080100M06001	1/28/2008	Pueblo above SR-502
202111	GENINORG	GU080100M05601	1/28/2008	Acid above Pueblo
202111	GENINORG	GU080100M06001	1/28/2008	Pueblo above SR-502
202111	METALS	GF080100M05601	1/28/2008	Acid above Pueblo
202111	METALS	GF080100M06001	1/28/2008	Pueblo above SR-502
202111	METALS	GU080100M05601	1/28/2008	Acid above Pueblo
202111	METALS	GU080100M06001	1/28/2008	Pueblo above SR-502
202111	PEST/PCB	GU080100M05601	1/28/2008	Acid above Pueblo
202111	PEST/PCB	GU080100M06001	1/28/2008	Pueblo above SR-502
202111	RAD	GU080100M05601	1/28/2008	Acid above Pueblo
202111	RAD	GU080100M06001	1/28/2008	Pueblo above SR-502
202112	GENINORG	GF080100M05501	1/28/2008	Pueblo above Acid
202112	GENINORG	GU080100M05501	1/28/2008	Pueblo above Acid
202112	METALS	GF080100M05501	1/28/2008	Pueblo above Acid
202112	METALS	GU080100M05501	1/28/2008	Pueblo above Acid
202112	RAD	GU080100M05501	1/28/2008	Pueblo above Acid
08-467	GENINORG	CALA-08-10260	1/9/2008	LAOI-7
08-467	GENINORG	CALA-08-10261	1/9/2008	LAOI-7
08-467	GENINORG	CALA-08-9741	1/9/2008	LAO-3a
08-467	GENINORG	CALA-08-9742	1/9/2008	LAO-3a

Request	Suite	Sample	Date	Location
08-467	GENINORG	CALA-08-9743	1/9/2008	LAO-3a
08-467	GENINORG	CALA-08-9744	1/9/2008	LAO-3a
08-467	GENINORG	CALA-08-9745	1/9/2008	LAO-4.5c
08-467	GENINORG	CALA-08-9746	1/9/2008	LAO-4.5c
08-467	METALS	CALA-08-10260	1/9/2008	LAOI-7
08-467	METALS	CALA-08-10261	1/9/2008	LAOI-7
08-467	METALS	CALA-08-9742	1/9/2008	LAO-3a
08-467	METALS	CALA-08-9743	1/9/2008	LAO-3a
08-467	METALS	CALA-08-9746	1/9/2008	LAO-4.5c
08-467	RAD	CALA-08-10260	1/9/2008	LAOI-7
08-467	RAD	CALA-08-9741	1/9/2008	LAO-3a
08-467	RAD	CALA-08-9744	1/9/2008	LAO-3a
08-467	RAD	CALA-08-9745	1/9/2008	LAO-4.5c
08-467	SVOA	CALA-08-10259	1/9/2008	LAOI-7
08-467	SVOA	CALA-08-10260	1/9/2008	LAOI-7
08-467	VOA	CALA-08-10259	1/9/2008	LAOI-7
08-467	VOA	CALA-08-10260	1/9/2008	LAOI-7
08-467	VOA	CALA-08-10262	1/9/2008	LAOI-7
08-467	VOA	CALA-08-10277	1/9/2008	LAO-4.5c
08-467	VOA	CALA-08-9745	1/9/2008	LAO-4.5c
08-472	GENINORG	CALA-08-9735	1/10/2008	LAO-0.6
08-472	GENINORG	CALA-08-9736	1/10/2008	LAO-0.6
08-472	GENINORG	CALA-08-9739	1/10/2008	LAO-0.3
08-472	GENINORG	CALA-08-9740	1/10/2008	LAO-0.3
08-472	METALS	CALA-08-9736	1/10/2008	LAO-0.6
08-472	METALS	CALA-08-9740	1/10/2008	LAO-0.3
08-472	RAD	CALA-08-9735	1/10/2008	LAO-0.6
08-472	RAD	CALA-08-9739	1/10/2008	LAO-0.3
08-474	GENINORG	CAPU-08-9912	1/9/2008	R-5
08-474	GENINORG	CAPU-08-9913	1/10/2008	R-5
08-474	GENINORG	CAPU-08-9914	1/10/2008	R-5
08-474	HERB	CAPU-08-9919	1/10/2008	R-5
08-474	METALS	CAPU-08-9912	1/9/2008	R-5
08-474	METALS	CAPU-08-9913	1/10/2008	R-5
08-474	METALS	CAPU-08-9914	1/10/2008	R-5
08-474	VOA	CAPU-08-9912	1/9/2008	R-5
08-474	VOA	CAPU-08-9913	1/10/2008	R-5
08-474	VOA	CAPU-08-9914	1/10/2008	R-5
08-474	VOA	CAPU-08-9919	1/10/2008	R-5
08-476	GENINORG	CALA-08-9875	1/10/2008	R-9
08-476	GENINORG	CALA-08-9876	1/10/2008	R-9

Request	Suite	Sample	Date	Location
08-476	GENINORG	CALA-08-9878	1/10/2008	R-9
08-476	GENINORG	CALA-08-9879	1/10/2008	R-9
08-476	GENINORG	CALA-08-9880	1/10/2008	R-9
08-476	METALS	CALA-08-9875	1/10/2008	R-9
08-476	METALS	CALA-08-9876	1/10/2008	R-9
08-476	METALS	CALA-08-9878	1/10/2008	R-9
08-476	METALS	CALA-08-9879	1/10/2008	R-9
08-476	METALS	CALA-08-9880	1/10/2008	R-9
08-476	RAD	CALA-08-9875	1/10/2008	R-9
08-476	RAD	CALA-08-9879	1/10/2008	R-9
08-476	SVOA	CALA-08-9875	1/10/2008	R-9
08-476	SVOA	CALA-08-9877	1/10/2008	R-9
08-476	SVOA	CALA-08-9879	1/10/2008	R-9
08-476	VOA	CALA-08-9874	1/10/2008	R-9
08-476	VOA	CALA-08-9875	1/10/2008	R-9
08-476	VOA	CALA-08-9877	1/10/2008	R-9
08-476	VOA	CALA-08-9879	1/10/2008	R-9
08-476	VOA	CALA-08-9880	1/10/2008	R-9
08-477	GENINORG	CAPU-08-9896	1/11/2008	R-2
08-477	GENINORG	CAPU-08-9897	1/11/2008	R-2
08-477	GENINORG	CAPU-08-9899	1/11/2008	R-2
08-477	METALS	CAPU-08-9896	1/11/2008	R-2
08-477	METALS	CAPU-08-9897	1/11/2008	R-2
08-477	METALS	CAPU-08-9899	1/11/2008	R-2
08-477	RAD	CAPU-08-9896	1/11/2008	R-2
08-477	SVOA	CAPU-08-9896	1/11/2008	R-2
08-477	SVOA	CAPU-08-9899	1/11/2008	R-2
08-477	VOA	CAPU-08-9896	1/11/2008	R-2
08-477	VOA	CAPU-08-9898	1/11/2008	R-2
08-477	VOA	CAPU-08-9899	1/11/2008	R-2
08-478	GENINORG	CALA-08-9733	1/11/2008	LAUZ-1
08-478	GENINORG	CALA-08-9734	1/11/2008	LAUZ-1
08-478	METALS	CALA-08-9734	1/11/2008	LAUZ-1
08-478	RAD	CALA-08-9733	1/11/2008	LAUZ-1
08-487	GENINORG	CALA-08-10258	1/14/2008	LAO-1.6g
08-487	GENINORG	CALA-08-9749	1/14/2008	LAO-B
08-487	GENINORG	CALA-08-9750	1/14/2008	LAO-B
08-487	GENINORG	CALA-08-9751	1/14/2008	LAO-B
08-487	GENINORG	CALA-08-9752	1/14/2008	LAO-B
08-487	GENINORG	CALA-08-9760	1/14/2008	LAO-1.6g
08-487	GENINORG	CALA-08-9761	1/14/2008	LAO-1.6g

Request	Suite	Sample	Date	Location
08-487	METALS	CALA-08-10258	1/14/2008	LAO-1.6g
08-487	METALS	CALA-08-9750	1/14/2008	LAO-B
08-487	METALS	CALA-08-9751	1/14/2008	LAO-B
08-487	METALS	CALA-08-9760	1/14/2008	LAO-1.6g
08-487	METALS	CALA-08-9761	1/14/2008	LAO-1.6g
08-487	RAD	CALA-08-9749	1/14/2008	LAO-B
08-487	RAD	CALA-08-9752	1/14/2008	LAO-B
08-487	RAD	CALA-08-9760	1/14/2008	LAO-1.6g
08-497	GENINORG	CAPU-08-9847	1/14/2008	Pueblo 3
08-497	GENINORG	CAPU-08-9848	1/14/2008	Pueblo 3
08-497	GENINORG	CAPU-08-9849	1/14/2008	Pueblo above SR-502
08-497	GENINORG	CAPU-08-9851	1/14/2008	Pueblo above SR-502
08-497	GENINORG	CAPU-08-9852	1/14/2008	Pueblo above SR-502
08-497	HERB	CAPU-08-9849	1/14/2008	Pueblo above SR-502
08-497	METALS	CAPU-08-9847	1/14/2008	Pueblo 3
08-497	METALS	CAPU-08-9848	1/14/2008	Pueblo 3
08-497	METALS	CAPU-08-9849	1/14/2008	Pueblo above SR-502
08-497	METALS	CAPU-08-9851	1/14/2008	Pueblo above SR-502
08-497	METALS	CAPU-08-9852	1/14/2008	Pueblo above SR-502
08-497	PEST/PCB	CAPU-08-9849	1/14/2008	Pueblo above SR-502
08-497	RAD	CAPU-08-9848	1/14/2008	Pueblo 3
08-497	RAD	CAPU-08-9849	1/14/2008	Pueblo above SR-502
08-497	RAD	CAPU-08-9852	1/14/2008	Pueblo above SR-502
08-497	SVOA	CAPU-08-9849	1/14/2008	Pueblo above SR-502
08-497	SVOA	CAPU-08-9851	1/14/2008	Pueblo above SR-502
08-497	VOA	CAPU-08-9848	1/14/2008	Pueblo 3
08-497	VOA	CAPU-08-9849	1/14/2008	Pueblo above SR-502
08-497	VOA	CAPU-08-9850	1/14/2008	Pueblo above SR-502
08-497	VOA	CAPU-08-9851	1/14/2008	Pueblo above SR-502
08-499	GENINORG	CAPU-08-9842	1/15/2008	Pueblo above Acid
08-499	GENINORG	CAPU-08-9844	1/15/2008	Pueblo above Acid
08-499	GENINORG	CAPU-08-9845	1/15/2008	Acid above Pueblo
08-499	GENINORG	CAPU-08-9846	1/15/2008	Acid above Pueblo
08-499	METALS	CAPU-08-9842	1/15/2008	Pueblo above Acid
08-499	METALS	CAPU-08-9844	1/15/2008	Pueblo above Acid
08-499	METALS	CAPU-08-9845	1/15/2008	Acid above Pueblo
08-499	METALS	CAPU-08-9846	1/15/2008	Acid above Pueblo
08-499	RAD	CAPU-08-9842	1/15/2008	Pueblo above Acid
08-499	RAD	CAPU-08-9845	1/15/2008	Acid above Pueblo
08-499	VOA	CAPU-08-10311	1/15/2008	Pueblo above Acid
08-499	VOA	CAPU-08-10312	1/15/2008	Acid above Pueblo

Request	Suite	Sample	Date	Location
08-499	VOA	CAPU-08-9842	1/15/2008	Pueblo above Acid
08-499	VOA	CAPU-08-9845	1/15/2008	Acid above Pueblo
08-512	GENINORG	CALA-08-9737	1/15/2008	LAO-2
08-512	GENINORG	CALA-08-9738	1/15/2008	LAO-2
08-512	GENINORG	CALA-08-9881	1/15/2008	LAOI-3.2
08-512	METALS	CALA-08-9738	1/15/2008	LAO-2
08-512	METALS	CALA-08-9881	1/15/2008	LAOI-3.2
08-512	RAD	CALA-08-9737	1/15/2008	LAO-2
08-512	SVOA	CALA-08-9881	1/15/2008	LAOI-3.2
08-512	VOA	CALA-08-9881	1/15/2008	LAOI-3.2
08-512	VOA	CALA-08-9884	1/15/2008	LAOI-3.2
08-515	GENINORG	CALA-08-9754	1/16/2008	LAO-1
08-515	GENINORG	CALA-08-9755	1/16/2008	LAO-1
08-515	METALS	CALA-08-9754	1/16/2008	LAO-1
08-515	RAD	CALA-08-9755	1/16/2008	LAO-1
08-515	VOA	CALA-08-10319	1/16/2008	LAO-1
08-515	VOA	CALA-08-9755	1/16/2008	LAO-1
08-522	GENINORG	CAPU-08-10314	1/16/2008	R-3i
08-522	GENINORG	CAPU-08-10315	1/16/2008	R-3i
08-522	METALS	CAPU-08-10314	1/16/2008	R-3i
08-522	METALS	CAPU-08-10315	1/16/2008	R-3i
08-522	PEST/PCB	CAPU-08-10315	1/16/2008	R-3i
08-522	RAD	CAPU-08-10314	1/16/2008	R-3i
08-522	RAD	CAPU-08-10315	1/16/2008	R-3i
08-522	SVOA	CAPU-08-10315	1/16/2008	R-3i
08-522	VOA	CAPU-08-10313	1/16/2008	R-3i
08-522	VOA	CAPU-08-10315	1/16/2008	R-3i
08-526	GENINORG	CAPU-08-9766	1/16/2008	PAO-4
08-526	GENINORG	CAPU-08-9767	1/16/2008	PAO-4
08-526	GENINORG	CAPU-08-9774	1/16/2008	APCO-1
08-526	GENINORG	CAPU-08-9775	1/16/2008	APCO-1
08-526	GENINORG	CAPU-08-9777	1/16/2008	APCO-1
08-526	GENINORG	CAPU-08-9778	1/16/2008	APCO-1
08-526	GENINORG	CAPU-08-9779	1/16/2008	APCO-1
08-526	GENINORG	CAPU-08-9781	1/16/2008	APCO-1
08-526	METALS	CAPU-08-9766	1/16/2008	PAO-4
08-526	METALS	CAPU-08-9774	1/16/2008	APCO-1
08-526	METALS	CAPU-08-9775	1/16/2008	APCO-1
08-526	METALS	CAPU-08-9777	1/16/2008	APCO-1
08-526	METALS	CAPU-08-9778	1/16/2008	APCO-1
08-526	METALS	CAPU-08-9779	1/16/2008	APCO-1

Request	Suite	Sample	Date	Location
08-526	METALS	CAPU-08-9781	1/16/2008	APCO-1
08-526	RAD	CAPU-08-9767	1/16/2008	PAO-4
08-526	RAD	CAPU-08-9774	1/16/2008	APCO-1
08-526	RAD	CAPU-08-9778	1/16/2008	APCO-1
08-526	SVOA	CAPU-08-9774	1/16/2008	APCO-1
08-526	SVOA	CAPU-08-9778	1/16/2008	APCO-1
08-526	SVOA	CAPU-08-9779	1/16/2008	APCO-1
08-526	SVOA	CAPU-08-9781	1/16/2008	APCO-1
08-526	VOA	CAPU-08-9774	1/16/2008	APCO-1
08-526	VOA	CAPU-08-9778	1/16/2008	APCO-1
08-526	VOA	CAPU-08-9779	1/16/2008	APCO-1
08-526	VOA	CAPU-08-9780	1/16/2008	APCO-1
08-526	VOA	CAPU-08-9781	1/16/2008	APCO-1
08-528	GENINORG	CALA-08-9940	1/15/2008	R-8
08-528	GENINORG	CALA-08-9941	1/15/2008	R-8
08-528	GENINORG	CALA-08-9945	1/16/2008	R-8
08-528	GENINORG	CALA-08-9947	1/16/2008	R-8
08-528	GENINORG	CALA-08-9948	1/15/2008	R-8
08-528	GENINORG	CALA-08-9949	1/16/2008	R-8
08-528	HERB	CALA-08-9940	1/15/2008	R-8
08-528	METALS	CALA-08-9940	1/15/2008	R-8
08-528	METALS	CALA-08-9941	1/15/2008	R-8
08-528	METALS	CALA-08-9945	1/16/2008	R-8
08-528	METALS	CALA-08-9947	1/16/2008	R-8
08-528	PEST/PCB	CALA-08-9940	1/15/2008	R-8
08-528	RAD	CALA-08-9940	1/15/2008	R-8
08-528	RAD	CALA-08-9941	1/15/2008	R-8
08-528	RAD	CALA-08-9945	1/16/2008	R-8
08-528	RAD	CALA-08-9947	1/16/2008	R-8
08-528	SVOA	CALA-08-9940	1/15/2008	R-8
08-528	SVOA	CALA-08-9943	1/15/2008	R-8
08-528	SVOA	CALA-08-9946	1/16/2008	R-8
08-528	SVOA	CALA-08-9947	1/16/2008	R-8
08-528	VOA	CALA-08-9940	1/15/2008	R-8
08-528	VOA	CALA-08-9942	1/15/2008	R-8
08-528	VOA	CALA-08-9943	1/15/2008	R-8
08-528	VOA	CALA-08-9944	1/16/2008	R-8
08-528	VOA	CALA-08-9946	1/16/2008	R-8
08-528	VOA	CALA-08-9947	1/16/2008	R-8
08-528	VOA	CALA-08-9948	1/15/2008	R-8
08-528	VOA	CALA-08-9949	1/16/2008	R-8

Request	Suite	Sample	Date	Location
08-531	GENINORG	CAPU-08-9768	1/17/2008	PAO-1
08-531	GENINORG	CAPU-08-9769	1/17/2008	PAO-1
08-531	METALS	CAPU-08-9769	1/17/2008	PAO-1
08-531	RAD	CAPU-08-9768	1/17/2008	PAO-1
08-539	GENINORG	CALA-08-9811	1/18/2008	DP Spring
08-539	GENINORG	CALA-08-9813	1/18/2008	DP Spring
08-539	GENINORG	CALA-08-9814	1/18/2008	DP Spring
08-539	GENINORG	CALA-08-9840	1/18/2008	DP below Meadow at TA-21
08-539	GENINORG	CALA-08-9841	1/18/2008	DP below Meadow at TA-21
08-539	METALS	CALA-08-9811	1/18/2008	DP Spring
08-539	METALS	CALA-08-9813	1/18/2008	DP Spring
08-539	METALS	CALA-08-9814	1/18/2008	DP Spring
08-539	METALS	CALA-08-9840	1/18/2008	DP below Meadow at TA-21
08-539	METALS	CALA-08-9841	1/18/2008	DP below Meadow at TA-21
08-539	PEST/PCB	CALA-08-9811	1/18/2008	DP Spring
08-539	PEST/PCB	CALA-08-9814	1/18/2008	DP Spring
08-539	PEST/PCB	CALA-08-9841	1/18/2008	DP below Meadow at TA-21
08-539	RAD	CALA-08-9811	1/18/2008	DP Spring
08-539	RAD	CALA-08-9841	1/18/2008	DP below Meadow at TA-21
08-539	SVOA	CALA-08-9811	1/18/2008	DP Spring
08-539	SVOA	CALA-08-9814	1/18/2008	DP Spring
08-539	VOA	CALA-08-10381	1/18/2008	DP below Meadow at TA-21
08-539	VOA	CALA-08-9810	1/18/2008	DP Spring
08-539	VOA	CALA-08-9811	1/18/2008	DP Spring
08-539	VOA	CALA-08-9814	1/18/2008	DP Spring
08-539	VOA	CALA-08-9841	1/18/2008	DP below Meadow at TA-21
08-552	GENINORG	CAPU-08-9904	1/22/2008	POI-4
08-552	GENINORG	CAPU-08-9905	1/22/2008	POI-4
08-552	GENINORG	CAPU-08-9906	1/22/2008	POI-4
08-552	METALS	CAPU-08-9904	1/22/2008	POI-4
08-552	METALS	CAPU-08-9905	1/22/2008	POI-4
08-552	METALS	CAPU-08-9906	1/22/2008	POI-4
08-552	RAD	CAPU-08-9905	1/22/2008	POI-4
08-552	SVOA	CAPU-08-9904	1/22/2008	POI-4
08-552	SVOA	CAPU-08-9905	1/22/2008	POI-4
08-552	VOA	CAPU-08-9904	1/22/2008	POI-4
08-552	VOA	CAPU-08-9905	1/22/2008	POI-4
08-552	VOA	CAPU-08-9907	1/22/2008	POI-4
08-559	GENINORG	CALA-08-10384	1/22/2008	R-9i
08-559	GENINORG	CALA-08-10385	1/22/2008	R-9i
08-559	VOA	CALA-08-10382	1/22/2008	R-9i

Request	Suite	Sample	Date	Location
08-559	VOA	CALA-08-10383	1/22/2008	R-9i
08-559	VOA	CALA-08-9935	1/22/2008	R-9i
08-559	VOA	CALA-08-9936	1/22/2008	R-9i
08-562	GENINORG	CAPU-08-9890	1/22/2008	R-4
08-562	GENINORG	CAPU-08-9891	1/22/2008	R-4
08-562	GENINORG	CAPU-08-9893	1/22/2008	R-4
08-562	GENINORG	CAPU-08-9894	1/22/2008	R-4
08-562	GENINORG	CAPU-08-9895	1/22/2008	R-4
08-562	GENINORG	CAPU-08-9902	1/22/2008	R-24
08-562	GENINORG	CAPU-08-9903	1/22/2008	R-24
08-562	METALS	CAPU-08-9890	1/22/2008	R-4
08-562	METALS	CAPU-08-9891	1/22/2008	R-4
08-562	METALS	CAPU-08-9893	1/22/2008	R-4
08-562	METALS	CAPU-08-9894	1/22/2008	R-4
08-562	METALS	CAPU-08-9895	1/22/2008	R-4
08-562	METALS	CAPU-08-9902	1/22/2008	R-24
08-562	METALS	CAPU-08-9903	1/22/2008	R-24
08-562	RAD	CAPU-08-9891	1/22/2008	R-4
08-562	RAD	CAPU-08-9894	1/22/2008	R-4
08-562	RAD	CAPU-08-9903	1/22/2008	R-24
08-562	SVOA	CAPU-08-9891	1/22/2008	R-4
08-562	SVOA	CAPU-08-9893	1/22/2008	R-4
08-562	SVOA	CAPU-08-9894	1/22/2008	R-4
08-562	SVOA	CAPU-08-9903	1/22/2008	R-24
08-562	VOA	CAPU-08-9889	1/22/2008	R-4
08-562	VOA	CAPU-08-9891	1/22/2008	R-4
08-562	VOA	CAPU-08-9893	1/22/2008	R-4
08-562	VOA	CAPU-08-9894	1/22/2008	R-4
08-562	VOA	CAPU-08-9901	1/22/2008	R-24
08-562	VOA	CAPU-08-9903	1/22/2008	R-24
08-567	GENINORG	CALA-08-9927	1/23/2008	R-7
08-567	VOA	CALA-08-9927	1/23/2008	R-7
08-568	GENINORG	CALA-08-9868	1/23/2008	LAOI-3.2a
08-568	GENINORG	CALA-08-9869	1/23/2008	LAOI-3.2a
08-568	METALS	CALA-08-9868	1/23/2008	LAOI-3.2a
08-568	METALS	CALA-08-9869	1/23/2008	LAOI-3.2a
08-568	RAD	CALA-08-9869	1/23/2008	LAOI-3.2a
08-568	SVOA	CALA-08-9869	1/23/2008	LAOI-3.2a
08-568	VOA	CALA-08-9867	1/23/2008	LAOI-3.2a
08-568	VOA	CALA-08-9869	1/23/2008	LAOI-3.2a
08-571	VOA	CALA-08-9863	1/23/2008	R-6i

Request	Suite	Sample	Date	Location
08-575	GENINORG	CALA-08-10317	1/24/2008	LADP-3
08-575	GENINORG	CALA-08-10318	1/24/2008	LADP-3
08-575	HERB	CALA-08-10317	1/24/2008	LADP-3
08-575	METALS	CALA-08-10317	1/24/2008	LADP-3
08-575	METALS	CALA-08-10318	1/24/2008	LADP-3
08-575	PEST/PCB	CALA-08-10317	1/24/2008	LADP-3
08-575	RAD	CALA-08-10317	1/24/2008	LADP-3
08-575	RAD	CALA-08-10318	1/24/2008	LADP-3
08-575	SVOA	CALA-08-10317	1/24/2008	LADP-3
08-575	VOA	CALA-08-10316	1/24/2008	LADP-3
08-575	VOA	CALA-08-10317	1/24/2008	LADP-3

SG/DG/AS/RK:sm

Enclosures: Two hard copies with electronic files:
1) Periodic Monitoring Report for Mortandad Watershed, November 7–19, 2007 (EP2008-0355)
2) Periodic Monitoring Report for Sandia Watershed, November 7–19, 2007 (EP2008-0372)
3) Periodic Monitoring Report for Pajarito Watershed, December 3–12, 2007 (EP2008-0395)
4) Periodic Monitoring Report for Los Alamos Watershed, January 9–29, 2008 (EP2008-0396)

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David Rogers, EP-LWSP, MS M992
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EP-LWSP File, MS M992

Cy: (w/o enc.)
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Alison Bennett, DOE-LASO (date-stamped letter emailed)
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Susan G. Stiger, ADEP, MS J591
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IRM-RMMSO, MS A150 (date-stamped letter emailed)