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National Nuclear Security Administration
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Date: February 27, 2009
Refer To: EP2009-0027

James P. Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Submittal of the Periodic Monitoring Reports for Mortandad, Sandia, Los Alamos, Pajarito, White Rock, and Water Canyons

Enclosed please find two hard copies with electronic files of the periodic monitoring reports for Mortandad, Sandia, Los Alamos, Pajarito, White Rock, and Water Canyons. Submittal of these reports fulfills Section IV.A.3.b of the Consent Order and satisfies the second quarter 2009 reporting requirements.

If you have questions, please contact Robert S. King at (505) 667-2491 (rsking@lanl.gov) or Nancy Werdel at (505) 665-3619 (nwerdel@doeal.gov).

Sincerely,

Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

MG/DG/AS/RK/FC:sm

Enclosures: Two hard copies with electronic files:
1) Periodic Monitoring Report for Mortandad Watershed, August 11–20, 2008 (LA-UR-09-0683)
2) Periodic Monitoring Report for Sandia Watershed, August 11–20, 2008 (LA-UR-09-0684)
3) Periodic Monitoring Report for Los Alamos Watershed, August 25–September 5, 2008 (LA-UR-09-0688)
4) Periodic Monitoring Report for Pajarito Watershed, September 8–19, 2008 (LA-UR-09-0685)
5) Periodic Monitoring Report for White Rock Watershed, September 25–October 2, 2008 (LA-UR-09-0687)
6) Periodic Monitoring Report for Water Canyon/Cañon de Valle Watershed, October 7–24, 2008 (LA-UR-09-0686)

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LA-UR-09-0687
February 2009
EP2009-0084

Periodic Monitoring Report for White Rock Watershed, September 25–October 2, 2008

Los Alamos
NATIONAL LABORATORY
EST. 1943

Prepared by the Environmental Programs Directorate

Los Alamos National Laboratory, operated by Los Alamos National Security, LLC, for the U.S. Department of Energy under Contract No. DE-AC52-06NA25396, has prepared this document pursuant to the Compliance Order on Consent, signed March 1, 2005. The Compliance Order on Consent contains requirements for the investigation and cleanup, including corrective action, of contamination at Los Alamos National Laboratory. The U.S. government has rights to use, reproduce, and distribute this document. The public may copy and use this document without charge, provided that this notice and any statement of authorship are reproduced on all copies.

LA-UR-09-0687
EP2009-0084

Periodic Monitoring Report for White Rock Watershed September 25–October 2, 2008

February 2009

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Responsible DOE representative:

Printed Name	Signature	Title	Organization	Date
David R. Gregory	David R Gregory	Project Director	DOE-LASO	2/25/09

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 White Rock Watershed. The PME was conducted pursuant to the 2008 “Interim Facility-Wide Groundwater Monitoring Plan,” prepared under the Compliance Order on Consent.

The PME documented in this report occurred from September 25 to October 2, 2008. Two surface-water locations and 22 springs were sampled as part of this PME. The waters from the springs are generally representative of the regional-aquifer chemistry, although some influence of local recharge is apparent. These springs serve as the groundwater monitoring locations for this watershed. No groundwater monitoring wells are presently installed in the White Rock Watershed. Unreported results from the previous PME are also included. These results were not available for inclusion in the previous PME because the data had not yet been validated.

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, general inorganics, perchlorate, stable isotopes, and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

No previously unreported or current PME surface-water analytes were detected above screening levels. Overall, one arsenic result of 10.3 µg/L collected at Spring 2 from White Rock Canyon during the current PME exceeded the screening level. No previously unreported groundwater results exceeded screening levels.

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Acronyms and Abbreviations

AK	acceptable knowledge
amsl	above mean sea level
AOC	area of concern
AQA	Analytical Quality Associates, Inc.
BCG	biota concentration guideline (DOE)
bgs	below ground surface
C	cancer (risk type)
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guidelines (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
HE	high explosives
IDW	investigation-derived waste
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory (the Laboratory)
MCL	maximum contaminant level (EPA)
MDL	method detection limit
N	noncancer (risk type)
NMED	New Mexico Environment Department

NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
PME	periodic monitoring event
PMR	periodic monitoring report
PPE	personal protective equipment
QC	quality control
RCRA	Resource Conservation and Recovery Act
RPF	Records Processing Facility
SOP	standard operating procedure
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TA	technical area
UF	unfiltered
VOC	volatile organic compound
WAC	waste acceptance criteria
WCSF	waste characterization strategy form
WPF	waste profile form

1.0 INTRODUCTION

This report provides documentation of semiannual surface water and groundwater monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the White Rock Watershed pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan" (IFGMP) (LANL 2008, 101897), prepared under the Compliance Order on Consent (the Consent Order). This periodic monitoring event (PME) occurred from September 25 to October 2, 2008, and included sampling at two surface-water locations and 22 springs. Data that were not reported in the previous periodic monitoring report (PMR) because they were being validated 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
- the watershed conceptual model
- field measurement monitoring results
- water-quality monitoring results
- results of the screening analysis (comparing the PME results with regulatory standards and results from previous reports)
- a summary and interpretation 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

This section describes the physical characteristics of the White Rock Watershed, some of the previous investigation activities conducted, and the Laboratory activities that may have impacted groundwater.

The Rio Grande flows from northeast to southwest next to the Laboratory and forms a part of the eastern Laboratory boundary. The White Rock Canyon springs are located along the Rio Grande at the eastern border of the Laboratory and on Los Alamos County and San Ildefonso Pueblo land. The springs serve as monitoring points to detect possible discharges of contaminated groundwater from beneath the Laboratory into the Rio Grande. The White Rock springs are one of the most frequently monitored locations in or adjacent to the Laboratory. Most of the major springs have been sampled regularly since the late 1960s, with some sampled since the early 1950s. From 1980 to 2005, over 25 sample collection rounds have been conducted. An analysis of the data shows that there is stability of chemical parameters in the 25-yr sampling record of White Rock Canyon springs.

Tritium operations took place at Technical Area 33 (TA-33) in the southern portion of the canyon that borders the Rio Grande. The "RFI Work Plan for OU 1122" (LANL 1992, 007671) describes environmental concerns at TA-33. To the north of TA-33 lies TA-70, a buffer area where no Laboratory activities have occurred. Adjoining TA-70 to the north are low- to moderate-density residential areas in

White Rock, a mix of private property, and Los Alamos County land. A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary. San Ildefonso Pueblo property borders Los Alamos County on the north; this land is undeveloped. San Ildefonso Pueblo operates numerous water supply wells on both sides of the Rio Grande, and the City of Santa Fe operates the Buckman well field on the east side of the Rio Grande across from White Rock.

The springs in White Rock Canyon are largely remote from potential contamination and serve as boundary monitoring points for Laboratory impact. Little chemical variation occurs in the White Rock Canyon springs, which, along with chemical similarities, suggests that much of the groundwater is derived from the regional aquifer. No groundwater-monitoring wells are installed in the White Rock Watershed.

1.2 Conceptual Model

The conceptual model for the White Rock Watershed is presented in Appendix A of this document.

2.0 SCOPE OF ACTIVITIES

The PME for the White Rock Watershed was conducted pursuant to the 2008 IFGMP (LANL 2008, 101897).

Table 2.0-1 provides the location name, sample collection date, and instantaneous stream-flow values for each spring. 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 2008 IFGMP (LANL 2008, 101897).

3.2 Field Parameter Results

Appendix B contains the field parameter results for this PME and the previous three PMEs.

3.3 Water-Level Observations

No information regarding water-level observations is included in this report because no groundwater monitoring wells are present in White Rock Canyon.

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 2008 IFGMP (LANL 2008, 101897).

All sampling, data reviews, and data package validations were conducted using standard operating procedures (SOPs) that are part of a comprehensive quality assurance program. The quality program and procedures may be viewed 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 batch QC performed by laboratories, 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 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). AQA's reviews follow the guidelines set in the DOE model SOP for data validation, which includes 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 September–October 2008 sampling event. The screening levels with which the results are compared are presented in Table 4.2-1. The analytical laboratory reports (including chain of custody forms, 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 still 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, colbalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
- ❖ Otherwise, all detections are reported at all locations, that is, results without a laboratory qualifier of U or X (abbreviations that indicate that the analyte was not detected).

- 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, which also indicates the type of screening level and its source.

Data for PMRs are evaluated using the following screening process.

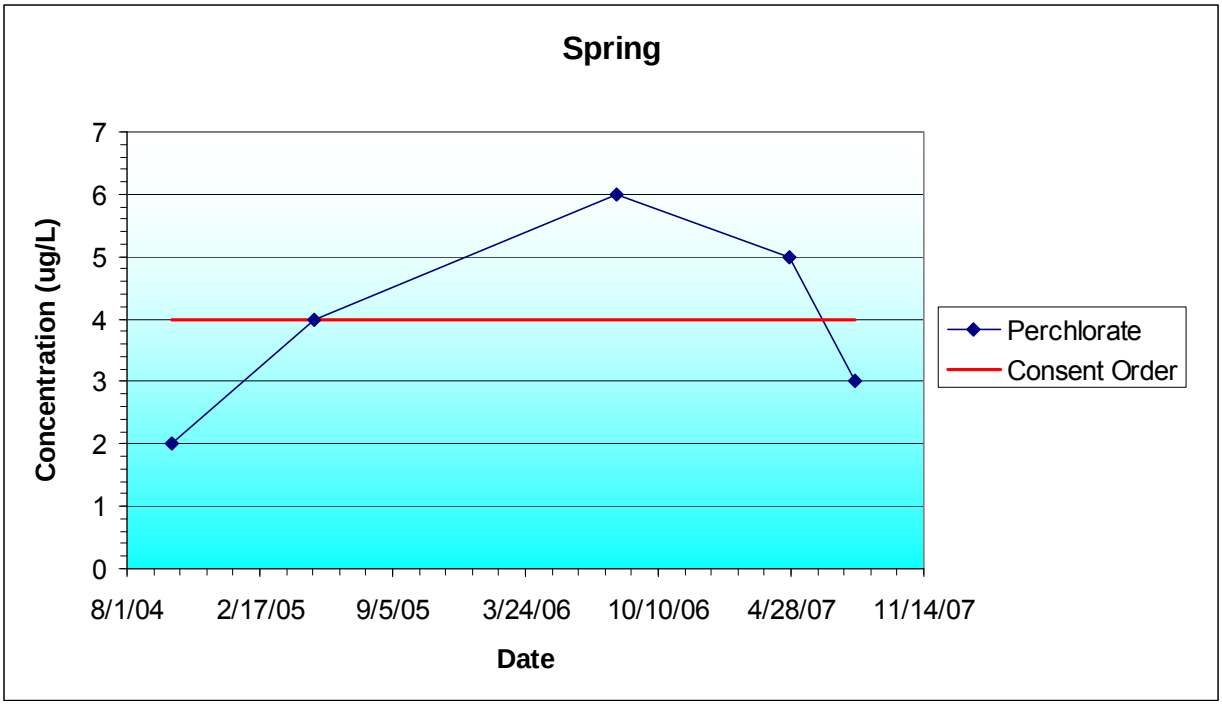
- Groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order. The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous phase liquids apply to the total unfiltered concentrations of the contaminants.

- As required by the Consent Order, the 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 EPA Region 6 tables). Therefore, the EPA 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 Derived Concentration Guidelines (DCG) for groundwater.

Tables E-1 through E-10 (Appendix E) show all values for perchlorate, radioactivity, and organic compounds, and all values greater than half the lowest applicable screening level for metals.

Analytical results are presented graphically in Figure 4.2-1. The figure contains diagrams displaying a series of select analytes. A diagram displaying perchlorate concentrations is shown on the following page.



Perchlorate concentrations

The analytes displayed in Figure 4.2-1 were selected from data acquired during the PME. Diagrams are shown only for groundwater data. The analytes were chosen for display in Figure 4.2-1 because of their historical presence in groundwater in this watershed.

Analytes not shown on the diagrams were either not detected or were radionuclides. When shown, the solid red lines 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 are found in Tables E-1 through E-10 in Appendix E.

A summary of the results comparing the surface-water analytical data with screening levels is shown in Tables E-1 and E-2 (Appendix E). A summary of the results comparing the groundwater analytical data with screening levels is shown in Tables E-3 through E-10 (Appendix E). Graphical representations of select groundwater analytical results (section 4.2) are shown in Figure 4.2-1.

4.2.1 Surface Water (Base Flow)

No results measured are above screening levels in surface-water samples from either the previous or current PME.

4.2.2 Groundwater

No previously unreported groundwater results from the prior PMEs are above screening levels.

The unfiltered arsenic result from Spring 2 of 10.3 µg/L was above the EPA MCL screening level of 10 µg/L. The filtered arsenic result for this sample event was 8.8 µg/L. Previous measurements for arsenic at this location (both filtered and unfiltered) have approached 30 µg/L. However, for the last 2 yr, measurements are in the range of the current PME values.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the White Rock Watershed are proposed at this time.

5.0 INVESTIGATION-DERIVED WASTE

Appendix F discusses the management of wastes produced during this PME.

6.0 SUMMARY

6.1 Monitoring Results

The annual update to the IFGMP will provide an evaluation of the field parameter monitoring results presented in Appendix B and subsequent monitoring events.

6.2 Analytical Results

6.2.1 Surface Water (Base Flow)

No results measured are above screening levels in surface-water samples from either the previous or current PME.

6.2.2 Groundwater

No groundwater sample results measured from the current PME are above screening levels.

Overall, one arsenic result from Spring 2 from White Rock Canyon exceeded the screening level (Table 4.2-2).

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

6.3 Data Gaps

A summary of the field parameter gaps encountered during the PME is presented in Table 3.4-1. The table provides a detailed account of sampling event deviations.

7.0 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. This information is also included in text citations. ER IDs 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 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 1992. "RFI Work Plan for Operable Unit 1122," Los Alamos National Laboratory document LA-UR-92-925, Los Alamos, New Mexico. (LANL 1992, 007671)

LANL (Los Alamos National Laboratory), May 2008. "Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-08-3273, Los Alamos, New Mexico. (LANL 2008, 101897)

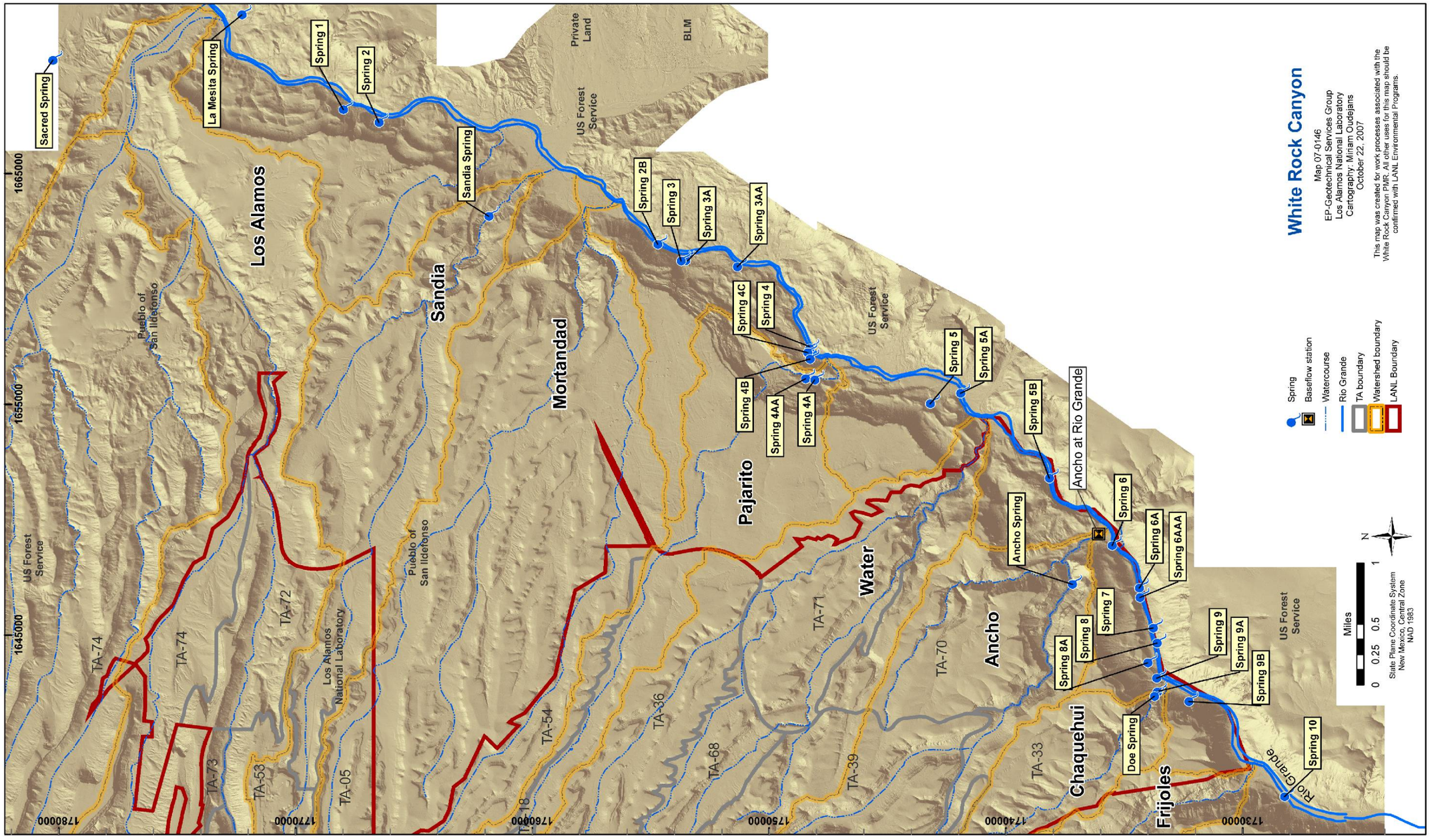


Figure 2.0-1 Watershed monitored locations

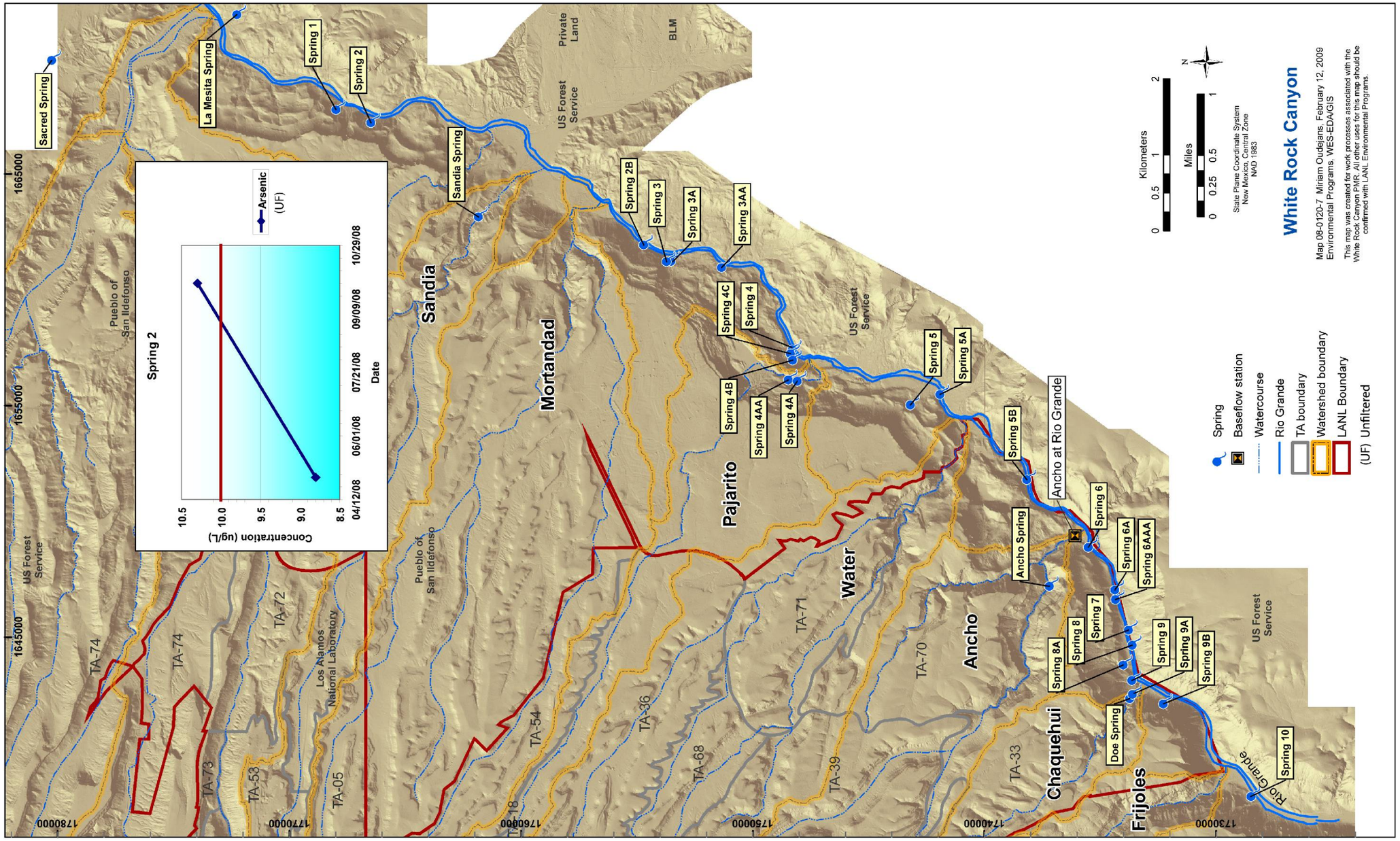


Figure 4.2-1 Analytical results

Table 2.0-1
Monitoring Locations and General Information

Location	Sample Collection Date	Instantaneous Stream Flow (ft^3/s)
Ancho at Rio Grande	9/30/08	0.02
Ancho Spring	9/30/08	0.02
Frijoles at Rio Grande	10/1/08	Dry[a]
La Mesita Spring	9/26/08	0.001
Rio Grande at Frijoles	10/1/08	~700
Sacred Spring	9/26/08	0.0006
Sandia Spring	9/25/08	0.0006
Spring 1	9/29/08	0.0022
Spring 10	10/1/08	na[b]
Spring 2	9/29/08	0.0002
Spring 2B	10/2/08	na
Spring 3	9/29/08	0.0033
Spring 3A	9/29/08	0.019
Spring 3AA	9/29/08	0.0002
Spring 4	9/29/08	0.009
Spring 4A	9/29/08	0.01
Spring 4AA	9/29/08	<0.002
Spring 4B	9/29/08	0.0004
Spring 4C	9/29/08	0.01
Spring 5	9/30/08	0.00278
Spring 5A	9/30/08	0.001
Spring 5B	10/2/08	na
Spring 6	9/30/08	0.009
Spring 6A	9/30/08	0.0033
Spring 6AAA	10/2/08	na
Spring 7	10/2/08	Dry
Spring 8	10/2/08	Dry
Spring 8A	9/30/08	<0.002
Spring 9	9/30/08	0.002
Spring 9A	10/1/08	0.001
Spring 9B	10/1/08	0.0017

[a]See Table 3.4-1.
[b] na = Not available.

Table 3.4-1
Observations and Deviations

Location	Deviation	Cause	Comment
Frijoles at Rio Grande	No data are included in this report for this location.	The location could not be sampled on 10/01/08 because it was dry.	Location will be sampled during next annual sampling round.
Spring 10	No data are included in this report for this location.	Insufficient water available for sampling on 10/1/2008. Unclear if water coming into the hole is coming from the Spring (West) or the lagoon (East).	Location will be sampled during next annual sampling round.
Spring 2B, Spring 5B, Spring 6AAA	No data are included in this report for these locations.	Springs mixing with river water, no samples collected on 10/2/2008.	Locations will be sampled during next annual sampling round.
Spring 7, Spring 8	No data are included in this report for these locations.	The locations were not sampled on 10/02/08 because they were dry.	Locations will be sampled during next annual sampling round.

Table 4.2-1
Screening Levels for Groundwater and Surface Water at Los Alamos National Laboratory

Standard Type	Groundwater	Surface Water
DOE Biota Concentration Guidelines	n/a[a]	x[b]
DOE 100-mrem Public Dose DCG	x	n/a
DOE 4-mrem Drinking Water DCG	x	n/a
EPA MCL	x	n/a
EPA Region 6 Tap Water Screening Level	x	n/a
New Mexico Environmental Improvement Board Radiation Protection Standards	x	x
NMWQCC Fisheries Standards Chronic	n/a	x
NMWQCC Fisheries Standards Chronic, Hardness = 100 mg/L	n/a	x
NMWQCC Groundwater Standard	x	n/a
NMWQCC Livestock Watering Standard	n/a	x
NMWQCC Wildlife Habitat Standard	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

Location	Date	Analyte	Result	Units	Screening Level	Screening-Level Origin
Regional Groundwater						
Spring 2	09/29/08	As (UF)*	10.3	µg/L	10	EPA MCL

* UF = Unfiltered.

Appendix A

Conceptual Model

Canyon	Contaminant Sources	Alluvial Groundwater Contaminants	Intermediate Groundwater Contaminants	Regional Groundwater Contaminants
White Rock Canyon Springs	None	No alluvial groundwater	No intermediate groundwater	Natural total dissolved solids, fluoride, chloride, arsenic, boron, uranium

Appendix B

Field Parameter Results

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Ancho Spring	09/30/08	WG	Dissolved Oxygen	5.1	mg/L	CAWR-08-15524
Ancho Spring	04/28/08	WG	Dissolved Oxygen	6.7	mg/L	CAWR-08-12119
Ancho Spring	05/02/07	WG	Dissolved Oxygen	5.84	mg/L	FU070400GSAW01
Ancho Spring	09/19/06	WG	Dissolved Oxygen	8.02	mg/L	FU060900GSAW01
Ancho Spring	09/25/07	WG	Dissolved Oxygen	7.25	mg/L	FU070900GSAW01
Ancho Spring	09/30/08	WG	Specific Conductance	135.7	µS/cm	CAWR-08-15524
Ancho Spring	04/28/08	WG	Specific Conductance	120.2	µS/cm	CAWR-08-12119
Ancho Spring	05/02/07	WG	Specific Conductance	128.3	µS/cm	FU070400GSAW01
Ancho Spring	09/19/06	WG	Specific Conductance	135.2	µS/cm	FU060900GSAW01
Ancho Spring	09/25/07	WG	Specific Conductance	124.4	µS/cm	FU070900GSAW01
Ancho Spring	09/30/08	WG	Temperature	20.9	deg C	CAWR-08-15524
Ancho Spring	04/28/08	WG	Temperature	21.2	deg C	CAWR-08-12119
Ancho Spring	05/02/07	WG	Temperature	20.8	deg C	FU070400GSAW01
Ancho Spring	09/19/06	WG	Temperature	20.7	deg C	FU060900GSAW01
Ancho Spring	09/25/07	WG	Temperature	22.1	deg C	FU070900GSAW01
Ancho Spring	09/30/08	WG	Turbidity	3.1	NTU	CAWR-08-15524
Ancho Spring	04/28/08	WG	Turbidity	1.17	NTU	CAWR-08-12119
Ancho Spring	05/02/07	WG	Turbidity	21.7	NTU	FU070400GSAW01
Ancho Spring	09/19/06	WG	Turbidity	0.38	NTU	FU060900GSAW01
Ancho Spring	09/25/07	WG	Turbidity	0.53	NTU	FU070900GSAW01
Ancho Spring	09/30/08	WG	pH	7.38	SU	CAWR-08-15524
Ancho Spring	04/28/08	WG	pH	7.74	SU	CAWR-08-12119
Ancho Spring	05/02/07	WG	pH	7.48	SU	FU070400GSAW01
Ancho Spring	09/19/06	WG	pH	7.87	SU	FU060900GSAW01
Ancho Spring	09/25/07	WG	pH	7.24	SU	FU070900GSAW01
Ancho at Rio Grande	09/30/08	WS	Dissolved Oxygen	8.4	mg/L	CAWR-08-15454
Ancho at Rio Grande	09/19/06	WP	Dissolved Oxygen	10.4	mg/L	FU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	Dissolved Oxygen	8.07	mg/L	FU05090PGRA01
Ancho at Rio Grande	09/25/07	WS	Dissolved Oxygen	9.98	mg/L	FU070900PGRA01
Ancho at Rio Grande	09/30/08	WS	Specific Conductance	131.9	µS/cm	CAWR-08-15454
Ancho at Rio Grande	09/19/06	WP	Specific Conductance	143.8	µS/cm	FU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	Specific Conductance	135	µS/cm	FU05090PGRA01
Ancho at Rio Grande	09/14/04	WS	Specific Conductance	129.3	µS/cm	FU04090WGRA01
Ancho at Rio Grande	09/25/07	WS	Specific Conductance	125.3	µS/cm	FU070900PGRA01
Ancho at Rio Grande	09/30/08	WS	Temperature	25.6	deg C	CAWR-08-15454
Ancho at Rio Grande	09/19/06	WP	Temperature	20.9	deg C	FU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	Temperature	19.9	deg C	FU05090PGRA01
Ancho at Rio Grande	09/14/04	WS	Temperature	23.7	deg C	FU04090WGRA01
Ancho at Rio Grande	09/25/07	WS	Temperature	22.9	deg C	FU070900PGRA01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Ancho at Rio Grande	09/30/08	WS	Turbidity	2.97	NTU	CAWR-08-15454
Ancho at Rio Grande	09/19/06	WP	Turbidity	1.17	NTU	FU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	Turbidity	0.57	NTU	FU05090PGRA01
Ancho at Rio Grande	09/14/04	WS	Turbidity	0.66	NTU	FU04090WGRA01
Ancho at Rio Grande	09/25/07	WS	Turbidity	0.77	NTU	FU070900PGRA01
Ancho at Rio Grande	09/30/08	WS	pH	8.82	SU	CAWR-08-15454
Ancho at Rio Grande	09/19/06	WP	pH	8.61	SU	FU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	pH	8	SU	FU05090PGRA01
Ancho at Rio Grande	09/14/04	WS	pH	8.73	SU	FU04090WGRA01
Ancho at Rio Grande	09/25/07	WS	pH	10.11	SU	FU070900PGRA01
La Mesita Spring	09/26/08	WG	Dissolved Oxygen	5.92	mg/L	CAWR-08-15463
La Mesita Spring	09/14/06	WG	Dissolved Oxygen	7	mg/L	FU060800GSML01
La Mesita Spring	07/12/05	WG	Dissolved Oxygen	0.27	mg/L	FU05070GSML01
La Mesita Spring	09/18/07	WG	Dissolved Oxygen	7.57	mg/L	FU070900GSML01
La Mesita Spring	09/14/06	WG	Specific Conductance	272	µS/cm	FU060800GSML01
La Mesita Spring	07/12/05	WG	Specific Conductance	991	µS/cm	FU05070GSML01
La Mesita Spring	08/24/04	WG	Specific Conductance	326	µS/cm	FU04080GSML01
La Mesita Spring	09/18/07	WG	Specific Conductance	301	µS/cm	FU070900GSML01
La Mesita Spring	09/26/08	WG	Temperature	14	deg C	CAWR-08-15463
La Mesita Spring	09/14/06	WG	Temperature	25	deg C	FU060800GSML01
La Mesita Spring	07/12/05	WG	Temperature	16.3	deg C	FU05070GSML01
La Mesita Spring	08/24/04	WG	Temperature	16.3	deg C	FU04080GSML01
La Mesita Spring	09/18/07	WG	Temperature	15.5	deg C	FU070900GSML01
La Mesita Spring	09/26/08	WG	Turbidity	1.37	NTU	CAWR-08-15463
La Mesita Spring	09/14/06	WG	Turbidity	2.28	NTU	FU060800GSML01
La Mesita Spring	07/12/05	WG	Turbidity	6.72	NTU	FU05070GSML01
La Mesita Spring	08/24/04	WG	Turbidity	75.5	NTU	FU04080GSML01
La Mesita Spring	09/18/07	WG	Turbidity	2.75	NTU	FU070900GSML01
La Mesita Spring	09/26/08	WG	pH	7.26	SU	CAWR-08-15463
La Mesita Spring	09/14/06	WG	pH	8.17	SU	FU060800GSML01
La Mesita Spring	07/12/05	WG	pH	8.1	SU	FU05070GSML01
La Mesita Spring	08/24/04	WG	pH	8.5	SU	FU04080GSML01
La Mesita Spring	09/18/07	WG	pH	7.83	SU	FU070900GSML01
Rio Grande at Frijoles	10/01/08	WS	Dissolved Oxygen	6.18	mg/L	CAWR-08-15447
Rio Grande at Frijoles	09/28/05	WS	Dissolved Oxygen	10.41	mg/L	FU05090PRGF01
Rio Grande at Frijoles	09/26/07	WS	Dissolved Oxygen	10.12	mg/L	FU070900PRGF01
Rio Grande at Frijoles	10/01/08	WS	Specific Conductance	253	µS/cm	CAWR-08-15447
Rio Grande at Frijoles	09/28/05	WS	Specific Conductance	262	µS/cm	FU05090PRGF01
Rio Grande at Frijoles	09/26/07	WS	Specific Conductance	286	µS/cm	FU070900PRGF01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Rio Grande at Frijoles	10/01/08	WS	Temperature	16.8	deg C	CAWR-08-15447
Rio Grande at Frijoles	09/28/05	WS	Temperature	17.6	deg C	FU05090PRGF01
Rio Grande at Frijoles	09/26/07	WS	Temperature	16.2	deg C	FU070900PRGF01
Rio Grande at Frijoles	10/01/08	WS	Turbidity	116	NTU	CAWR-08-15447
Rio Grande at Frijoles	09/28/05	WS	Turbidity	72.2	NTU	FU05090PRGF01
Rio Grande at Frijoles	09/26/07	WS	Turbidity	105	NTU	FU070900PRGF01
Rio Grande at Frijoles	10/01/08	WS	pH	8.3	SU	CAWR-08-15447
Rio Grande at Frijoles	09/28/05	WS	pH	8.2	SU	FU05090PRGF01
Rio Grande at Frijoles	09/26/07	WS	pH	9.3	SU	FU070900PRGF01
Sacred Spring	09/26/08	WG	Dissolved Oxygen	0.24	mg/L	CAWR-08-15456
Sacred Spring	09/14/06	WG	Dissolved Oxygen	3.1	mg/L	FU060800GSDS01
Sacred Spring	09/14/06	WG	Specific Conductance	273	µS/cm	FU060800GSDS01
Sacred Spring	07/13/05	WG	Specific Conductance	226	µS/cm	FU05070GSDS01
Sacred Spring	08/24/04	WG	Specific Conductance	289	µS/cm	FU04080GSDS01
Sacred Spring	09/26/08	WG	Temperature	18	deg C	CAWR-08-15456
Sacred Spring	09/14/06	WG	Temperature	25	deg C	FU060800GSDS01
Sacred Spring	07/13/05	WG	Temperature	18.4	deg C	FU05070GSDS01
Sacred Spring	08/24/04	WG	Temperature	17.7	deg C	FU04080GSDS01
Sacred Spring	07/23/03	WG	Temperature	17.4	deg C	FU03070GSDS01
Sacred Spring	09/26/08	WG	Turbidity	44.1	NTU	CAWR-08-15456
Sacred Spring	09/14/06	WG	Turbidity	0.53	NTU	FU060800GSDS01
Sacred Spring	07/13/05	WG	Turbidity	35.6	NTU	FU05070GSDS01
Sacred Spring	08/24/04	WG	Turbidity	42.3	NTU	FU04080GSDS01
Sacred Spring	07/23/03	WG	Turbidity	2.35	NTU	FU03070GSDS01
Sacred Spring	09/26/08	WG	pH	7.44	SU	CAWR-08-15456
Sacred Spring	09/14/06	WG	pH	7.62	SU	FU060800GSDS01
Sacred Spring	07/13/05	WG	pH	8.2	SU	FU05070GSDS01
Sacred Spring	08/24/04	WG	pH	8.07	SU	FU04080GSDS01
Sandia Spring	09/25/08	WG	Dissolved Oxygen	5.68	mg/L	CAWR-08-15466
Sandia Spring	09/14/06	WG	Dissolved Oxygen	3.85	mg/L	FU060900GSSW01
Sandia Spring	09/08/05	WG	Dissolved Oxygen	209.5	mg/L	FU05090GSSW01
Sandia Spring	09/18/07	WG	Dissolved Oxygen	4.62	mg/L	FU070900GSSW01
Sandia Spring	09/14/06	WG	Specific Conductance	176.6	µS/cm	FU060900GSSW01
Sandia Spring	09/08/05	WG	Specific Conductance	200	µS/cm	FU05090GSSW01
Sandia Spring	01/28/05	WG	Specific Conductance	212	µS/cm	FN05010GSSW01
Sandia Spring	09/18/07	WG	Specific Conductance	202	µS/cm	FU070900GSSW01
Sandia Spring	09/25/08	WG	Temperature	16.5	deg C	CAWR-08-15466
Sandia Spring	09/14/06	WG	Temperature	16.8	deg C	FU060900GSSW01
Sandia Spring	09/08/05	WG	Temperature	20.1	deg C	FU05090GSSW01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Sandia Spring	01/28/05	WG	Temperature	12	deg C	FN05010GSSW01
Sandia Spring	09/18/07	WG	Temperature	17.2	deg C	FU070900GSSW01
Sandia Spring	09/25/08	WG	Turbidity	1.07	NTU	CAWR-08-15466
Sandia Spring	09/14/06	WG	Turbidity	1.38	NTU	FU060900GSSW01
Sandia Spring	09/08/05	WG	Turbidity	0.5	NTU	FU05090GSSW01
Sandia Spring	01/28/05	WG	Turbidity	5.48	NTU	FN05010GSSW01
Sandia Spring	09/18/07	WG	Turbidity	1.61	NTU	FU070900GSSW01
Sandia Spring	09/25/08	WG	pH	6.46	SU	CAWR-08-15466
Sandia Spring	09/14/06	WG	pH	7	SU	FU060900GSSW01
Sandia Spring	09/08/05	WG	pH	7.46	SU	FU05090GSSW01
Sandia Spring	01/28/05	WG	pH	7.17	SU	FN05010GSSW01
Sandia Spring	09/18/07	WG	pH	7.07	SU	FU070900GSSW01
Spring 1	09/29/08	WG	Dissolved Oxygen	4.59	mg/L	CAWR-08-15472
Spring 1	09/18/06	WG	Dissolved Oxygen	6.94	mg/L	FU060900G1SW01
Spring 1	09/26/05	WG	Dissolved Oxygen	116.5	mg/L	FU05090G1SW01
Spring 1	09/24/07	WG	Dissolved Oxygen	5.95	mg/L	FU070900G1SW01
Spring 1	09/18/06	WG	Specific Conductance	198	µS/cm	FU060900G1SW01
Spring 1	09/26/05	WG	Specific Conductance	219	µS/cm	FU05090G1SW01
Spring 1	09/13/04	WG	Specific Conductance	183.5	µS/cm	FU04090G1SW01
Spring 1	09/24/07	WG	Specific Conductance	218	µS/cm	FU070900G1SW01
Spring 1	09/29/08	WG	Temperature	17.3	deg C	CAWR-08-15472
Spring 1	09/18/06	WG	Temperature	17.9	deg C	FU060900G1SW01
Spring 1	09/26/05	WG	Temperature	14.7	deg C	FU05090G1SW01
Spring 1	09/13/04	WG	Temperature	16.9	deg C	FU04090G1SW01
Spring 1	09/24/07	WG	Temperature	17.3	deg C	FU070900G1SW01
Spring 1	09/29/08	WG	Turbidity	2.16	NTU	CAWR-08-15472
Spring 1	09/18/06	WG	Turbidity	0.86	NTU	FU060900G1SW01
Spring 1	09/26/05	WG	Turbidity	8.18	NTU	FU05090G1SW01
Spring 1	09/13/04	WG	Turbidity	36.8	NTU	FU04090G1SW01
Spring 1	09/24/07	WG	Turbidity	186	NTU	FU070900G1SW01
Spring 1	09/29/08	WG	pH	7.55	SU	CAWR-08-15472
Spring 1	09/18/06	WG	pH	7.94	SU	FU060900G1SW01
Spring 1	09/26/05	WG	pH	8.18	SU	FU05090G1SW01
Spring 1	09/13/04	WG	pH	7.74	SU	FU04090G1SW01
Spring 1	09/24/07	WG	pH	7.99	SU	FU070900G1SW01
Spring 2	09/29/08	WG	Dissolved Oxygen	4.6	mg/L	CAWR-08-15475
Spring 2	04/29/08	WG	Dissolved Oxygen	11.3	mg/L	CAWR-08-12092
Spring 2	05/07/07	WG	Dissolved Oxygen	7.9	mg/L	FU070400G2SW01
Spring 2	09/18/06	WG	Dissolved Oxygen	6.38	mg/L	FU060900G2SW01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 2	09/24/07	WG	Dissolved Oxygen	6.96	mg/L	FU070900G2SW01
Spring 2	05/07/07	WG	Specific Conductance	243	µS/cm	FU070400G2SW01
Spring 2	09/18/06	WG	Specific Conductance	334	µS/cm	FU060900G2SW01
Spring 2	09/24/07	WG	Specific Conductance	297	µS/cm	FU070900G2SW01
Spring 2	09/29/08	WG	Temperature	14.3	deg C	CAWR-08-15475
Spring 2	04/29/08	WG	Temperature	12.2	deg C	CAWR-08-12092
Spring 2	05/07/07	WG	Temperature	12.5	deg C	FU070400G2SW01
Spring 2	09/18/06	WG	Temperature	25	deg C	FU060900G2SW01
Spring 2	09/24/07	WG	Temperature	15.2	deg C	FU070900G2SW01
Spring 2	09/29/08	WG	Turbidity	4.54	NTU	CAWR-08-15475
Spring 2	04/29/08	WG	Turbidity	8.98	NTU	CAWR-08-12092
Spring 2	05/07/07	WG	Turbidity	4.13	NTU	FU070400G2SW01
Spring 2	09/18/06	WG	Turbidity	1.76	NTU	FU060900G2SW01
Spring 2	09/24/07	WG	Turbidity	3.56	NTU	FU070900G2SW01
Spring 2	09/29/08	WG	pH	8.11	SU	CAWR-08-15475
Spring 2	04/29/08	WG	pH	7.6	SU	CAWR-08-12092
Spring 2	05/07/07	WG	pH	8.17	SU	FU070400G2SW01
Spring 2	09/18/06	WG	pH	8.24	SU	FU060900G2SW01
Spring 2	09/24/07	WG	pH	8.07	SU	FU070900G2SW01
Spring 3	09/29/08	WG	Dissolved Oxygen	10.53	mg/L	CAWR-08-15484
Spring 3	04/23/08	WG	Dissolved Oxygen	8.82	mg/L	CAWR-08-12093
Spring 3	04/30/07	WG	Dissolved Oxygen	6.93	mg/L	FU070400G3SW01
Spring 3	09/18/06	WG	Dissolved Oxygen	7.04	mg/L	FU060900G3SW01
Spring 3	09/24/07	WG	Dissolved Oxygen	6.2	mg/L	FU070900G3SW01
Spring 3	09/29/08	WG	Specific Conductance	196.1	µS/cm	CAWR-08-15484
Spring 3	04/23/08	WG	Specific Conductance	189.6	µS/cm	CAWR-08-12093
Spring 3	04/30/07	WG	Specific Conductance	86.8	µS/cm	FU070400G3SW01
Spring 3	09/18/06	WG	Specific Conductance	188.2	µS/cm	FU060900G3SW01
Spring 3	09/24/07	WG	Specific Conductance	193.6	µS/cm	FU070900G3SW01
Spring 3	09/29/08	WG	Temperature	19.8	deg C	CAWR-08-15484
Spring 3	04/23/08	WG	Temperature	19.7	deg C	CAWR-08-12093
Spring 3	04/30/07	WG	Temperature	19.5	deg C	FU070400G3SW01
Spring 3	09/18/06	WG	Temperature	20.8	deg C	FU060900G3SW01
Spring 3	09/24/07	WG	Temperature	19.6	deg C	FU070900G3SW01
Spring 3	09/29/08	WG	Turbidity	0.61	NTU	CAWR-08-15484
Spring 3	04/23/08	WG	Turbidity	0.18	NTU	CAWR-08-12093
Spring 3	04/30/07	WG	Turbidity	1.14	NTU	FU070400G3SW01
Spring 3	09/18/06	WG	Turbidity	1.13	NTU	FU060900G3SW01
Spring 3	09/24/07	WG	Turbidity	5.83	NTU	FU070900G3SW01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 3	09/29/08	WG	pH	7.31	SU	CAWR-08-15484
Spring 3	04/23/08	WG	pH	7.4	SU	CAWR-08-12093
Spring 3	04/30/07	WG	pH	7.43	SU	FU070400G3SW01
Spring 3	09/18/06	WG	pH	8.1	SU	FU060900G3SW01
Spring 3	09/24/07	WG	pH	6.85	SU	FU070900G3SW01
Spring 3A	09/29/08	WG	Dissolved Oxygen	8.78	mg/L	CAWR-08-15491
Spring 3A	04/23/08	WG	Dissolved Oxygen	9.29	mg/L	CAWR-08-12098
Spring 3A	04/30/07	WG	Dissolved Oxygen	6.84	mg/L	FU070400GA3S01
Spring 3A	09/18/06	WG	Dissolved Oxygen	6.47	mg/L	FU060900GA3S01
Spring 3A	09/24/07	WG	Dissolved Oxygen	6.2	mg/L	FU070900GA3S01
Spring 3A	09/29/08	WG	Specific Conductance	184	µS/cm	CAWR-08-15491
Spring 3A	04/23/08	WG	Specific Conductance	175.9	µS/cm	CAWR-08-12098
Spring 3A	04/30/07	WG	Specific Conductance	161.6	µS/cm	FU070400GA3S01
Spring 3A	09/18/06	WG	Specific Conductance	173.4	µS/cm	FU060900GA3S01
Spring 3A	09/24/07	WG	Specific Conductance	182.3	µS/cm	FU070900GA3S01
Spring 3A	09/29/08	WG	Temperature	20.8	deg C	CAWR-08-15491
Spring 3A	04/23/08	WG	Temperature	21.4	deg C	CAWR-08-12098
Spring 3A	04/30/07	WG	Temperature	19.9	deg C	FU070400GA3S01
Spring 3A	09/18/06	WG	Temperature	19.9	deg C	FU060900GA3S01
Spring 3A	09/24/07	WG	Temperature	20.9	deg C	FU070900GA3S01
Spring 3A	09/29/08	WG	Turbidity	0.5	NTU	CAWR-08-15491
Spring 3A	04/23/08	WG	Turbidity	0.19	NTU	CAWR-08-12098
Spring 3A	04/30/07	WG	Turbidity	0.19	NTU	FU070400GA3S01
Spring 3A	09/18/06	WG	Turbidity	0.3	NTU	FU060900GA3S01
Spring 3A	09/24/07	WG	Turbidity	1.58	NTU	FU070900GA3S01
Spring 3A	09/29/08	WG	pH	7.06	SU	CAWR-08-15491
Spring 3A	04/23/08	WG	pH	7.55	SU	CAWR-08-12098
Spring 3A	04/30/07	WG	pH	7.41	SU	FU070400GA3S01
Spring 3A	09/18/06	WG	pH	7.7	SU	FU060900GA3S01
Spring 3A	09/24/07	WG	pH	7.43	SU	FU070900GA3S01
Spring 3AA	09/29/08	WG	Dissolved Oxygen	3.8	mg/L	CAWR-08-15486
Spring 3AA	09/18/06	WG	Dissolved Oxygen	5.98	mg/L	FU060900GAA301
Spring 3AA	09/26/05	WG	Dissolved Oxygen	5.36	mg/L	FU05090GAA301
Spring 3AA	09/24/07	WG	Dissolved Oxygen	7.61	mg/L	FU070900GAA301
Spring 3AA	09/29/08	WG	Specific Conductance	162.1	µS/cm	CAWR-08-15486
Spring 3AA	09/18/06	WG	Specific Conductance	153.1	µS/cm	FU060900GAA301
Spring 3AA	09/26/05	WG	Specific Conductance	168.5	µS/cm	FU05090GAA301
Spring 3AA	03/08/04	WG	Specific Conductance	169.6	µS/cm	FU04030GAA301
Spring 3AA	09/24/07	WG	Specific Conductance	166.2	µS/cm	FU070900GAA301

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 3AA	09/29/08	WG	Temperature	21.1	deg C	CAWR-08-15486
Spring 3AA	09/18/06	WG	Temperature	25	deg C	FU060900GAA301
Spring 3AA	09/26/05	WG	Temperature	19.3	deg C	FU05090GAA301
Spring 3AA	03/08/04	WG	Temperature	18.4	deg C	FU04030GAA301
Spring 3AA	09/24/07	WG	Temperature	19.2	deg C	FU070900GAA301
Spring 3AA	09/29/08	WG	Turbidity	3.01	NTU	CAWR-08-15486
Spring 3AA	09/18/06	WG	Turbidity	1.1	NTU	FU060900GAA301
Spring 3AA	09/26/05	WG	Turbidity	1.92	NTU	FU05090GAA301
Spring 3AA	03/08/04	WG	Turbidity	0.56	NTU	FU04030GAA301
Spring 3AA	09/24/07	WG	Turbidity	6.22	NTU	FU070900GAA301
Spring 3AA	09/29/08	WG	pH	7.36	SU	CAWR-08-15486
Spring 3AA	09/18/06	WG	pH	10.58	SU	FU060900GAA301
Spring 3AA	09/26/05	WG	pH	7.58	SU	FU05090GAA301
Spring 3AA	03/08/04	WG	pH	8	SU	FU04030GAA301
Spring 3AA	09/24/07	WG	pH	6.94	SU	FU070900GAA301
Spring 4	09/29/08	WG	Dissolved Oxygen	5.72	mg/L	CAWR-08-15500
Spring 4	04/24/08	WG	Dissolved Oxygen	10.2	mg/L	CAWR-08-12099
Spring 4	05/03/07	WG	Dissolved Oxygen	7.2	mg/L	FU070400G4SW01
Spring 4	09/18/06	WG	Dissolved Oxygen	6.98	mg/L	FU060900G4SW01
Spring 4	09/24/07	WG	Dissolved Oxygen	4.98	mg/L	FU070900G4SW01
Spring 4	09/29/08	WG	Specific Conductance	72.3	µS/cm	CAWR-08-15500
Spring 4	04/24/08	WG	Specific Conductance	170.4	µS/cm	CAWR-08-12099
Spring 4	05/03/07	WG	Specific Conductance	182.6	µS/cm	FU070400G4SW01
Spring 4	09/18/06	WG	Specific Conductance	176.2	µS/cm	FU060900G4SW01
Spring 4	09/24/07	WG	Specific Conductance	208	µS/cm	FU070900G4SW01
Spring 4	09/29/08	WG	Temperature	16.1	deg C	CAWR-08-15500
Spring 4	04/24/08	WG	Temperature	17.2	deg C	CAWR-08-12099
Spring 4	05/03/07	WG	Temperature	15.9	deg C	FU070400G4SW01
Spring 4	09/18/06	WG	Temperature	16.7	deg C	FU060900G4SW01
Spring 4	09/24/07	WG	Temperature	17.2	deg C	FU070900G4SW01
Spring 4	09/29/08	WG	Turbidity	1.83	NTU	CAWR-08-15500
Spring 4	04/24/08	WG	Turbidity	2.4	NTU	CAWR-08-12099
Spring 4	05/03/07	WG	Turbidity	0.95	NTU	FU070400G4SW01
Spring 4	09/18/06	WG	Turbidity	0.45	NTU	FU060900G4SW01
Spring 4	09/24/07	WG	Turbidity	3.94	NTU	FU070900G4SW01
Spring 4	09/29/08	WG	pH	7	SU	CAWR-08-15500
Spring 4	04/24/08	WG	pH	7.1	SU	CAWR-08-12099
Spring 4	05/03/07	WG	pH	7.18	SU	FU070400G4SW01
Spring 4	09/18/06	WG	pH	7.15	SU	FU060900G4SW01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4	09/24/07	WG	pH	6.9	SU	FU070900G4SW01
Spring 4A	09/29/08	WG	Dissolved Oxygen	8.4	mg/L	CAWR-08-15512
Spring 4A	04/24/08	WG	Dissolved Oxygen	7.57	mg/L	CAWR-08-12111
Spring 4A	09/18/06	WG	Dissolved Oxygen	7.83	mg/L	FU060900GA4S01
Spring 4A	09/27/05	WG	Dissolved Oxygen	7.71	mg/L	FU05090GA4S01
Spring 4A	09/24/07	WG	Dissolved Oxygen	7.4	mg/L	FU070900GA4S01
Spring 4A	09/29/08	WG	Specific Conductance	202	µS/cm	CAWR-08-15512
Spring 4A	04/24/08	WG	Specific Conductance	194.2	µS/cm	CAWR-08-12111
Spring 4A	09/18/06	WG	Specific Conductance	179.4	µS/cm	FU060900GA4S01
Spring 4A	09/24/07	WG	Specific Conductance	181.4	µS/cm	FU070900GA4S01
Spring 4A	09/29/08	WG	Temperature	20.8	deg C	CAWR-08-15512
Spring 4A	04/24/08	WG	Temperature	21.1	deg C	CAWR-08-12111
Spring 4A	09/18/06	WG	Temperature	21	deg C	FU060900GA4S01
Spring 4A	09/27/05	WG	Temperature	21.1	deg C	FU05090GA4S01
Spring 4A	09/24/07	WG	Temperature	21.2	deg C	FU070900GA4S01
Spring 4A	09/29/08	WG	Turbidity	0.75	NTU	CAWR-08-15512
Spring 4A	04/24/08	WG	Turbidity	9.3	NTU	CAWR-08-12111
Spring 4A	09/18/06	WG	Turbidity	0.18	NTU	FU060900GA4S01
Spring 4A	09/27/05	WG	Turbidity	0.19	NTU	FU05090GA4S01
Spring 4A	09/24/07	WG	Turbidity	0.14	NTU	FU070900GA4S01
Spring 4A	09/29/08	WG	pH	7.22	SU	CAWR-08-15512
Spring 4A	04/24/08	WG	pH	7.65	SU	CAWR-08-12111
Spring 4A	09/18/06	WG	pH	7.9	SU	FU060900GA4S01
Spring 4A	09/24/07	WG	pH	7.9	SU	FU070900GA4S01
Spring 4AA	09/29/08	WG	Dissolved Oxygen	7.1	mg/L	CAWR-08-15516
Spring 4AA	04/24/08	WG	Dissolved Oxygen	7.37	mg/L	CAWR-08-12109
Spring 4AA	09/18/06	WG	Dissolved Oxygen	6.76	mg/L	FU060900GAA401
Spring 4AA	09/27/05	WG	Dissolved Oxygen	6.31	mg/L	FU05090GAA401
Spring 4AA	09/24/07	WG	Dissolved Oxygen	5.2	mg/L	FU070900GAA401
Spring 4AA	09/29/08	WG	Specific Conductance	208	µS/cm	CAWR-08-15516
Spring 4AA	04/24/08	WG	Specific Conductance	198.1	µS/cm	CAWR-08-12109
Spring 4AA	09/18/06	WG	Specific Conductance	194.4	µS/cm	FU060900GAA401
Spring 4AA	09/24/07	WG	Specific Conductance	203	µS/cm	FU070900GAA401
Spring 4AA	09/29/08	WG	Temperature	19.2	deg C	CAWR-08-15516
Spring 4AA	04/24/08	WG	Temperature	19.5	deg C	CAWR-08-12109
Spring 4AA	09/18/06	WG	Temperature	18.7	deg C	FU060900GAA401
Spring 4AA	09/27/05	WG	Temperature	19.1	deg C	FU05090GAA401
Spring 4AA	09/24/07	WG	Temperature	18.9	deg C	FU070900GAA401
Spring 4AA	09/29/08	WG	Turbidity	3.13	NTU	CAWR-08-15516

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4AA	04/24/08	WG	Turbidity	7.59	NTU	CAWR-08-12109
Spring 4AA	09/18/06	WG	Turbidity	0.99	NTU	FU060900GAA401
Spring 4AA	09/27/05	WG	Turbidity	0.74	NTU	FU05090GAA401
Spring 4AA	09/24/07	WG	Turbidity	1.19	NTU	FU070900GAA401
Spring 4AA	09/29/08	WG	pH	7.21	SU	CAWR-08-15516
Spring 4AA	04/24/08	WG	pH	7.53	SU	CAWR-08-12109
Spring 4AA	09/18/06	WG	pH	7.06	SU	FU060900GAA401
Spring 4AA	09/24/07	WG	pH	6.63	SU	FU070900GAA401
Spring 4B	09/29/08	WG	Dissolved Oxygen	9.3	mg/L	CAWR-08-15504
Spring 4B	04/24/08	WG	Dissolved Oxygen	8.7	mg/L	CAWR-08-12102
Spring 4B	05/01/07	WG	Dissolved Oxygen	7.24	mg/L	FU070400GB4S01
Spring 4B	09/18/06	WG	Dissolved Oxygen	7.93	mg/L	FU060900GB4S01
Spring 4B	09/25/07	WG	Dissolved Oxygen	6.7	mg/L	FU070900GB4S01
Spring 4B	09/29/08	WG	Specific Conductance	206	µS/cm	CAWR-08-15504
Spring 4B	04/24/08	WG	Specific Conductance	187.3	µS/cm	CAWR-08-12102
Spring 4B	05/01/07	WG	Specific Conductance	225	µS/cm	FU070400GB4S01
Spring 4B	09/18/06	WG	Specific Conductance	211	µS/cm	FU060900GB4S01
Spring 4B	09/25/07	WG	Specific Conductance	226	µS/cm	FU070900GB4S01
Spring 4B	09/29/08	WG	Temperature	18.4	deg C	CAWR-08-15504
Spring 4B	04/24/08	WG	Temperature	17.8	deg C	CAWR-08-12102
Spring 4B	05/01/07	WG	Temperature	15.2	deg C	FU070400GB4S01
Spring 4B	09/18/06	WG	Temperature	14.6	deg C	FU060900GB4S01
Spring 4B	09/25/07	WG	Temperature	17.4	deg C	FU070900GB4S01
Spring 4B	09/29/08	WG	pH	6.92	SU	CAWR-08-15504
Spring 4B	04/24/08	WG	pH	7	SU	CAWR-08-12102
Spring 4B	05/01/07	WG	pH	7.89	SU	FU070400GB4S01
Spring 4B	09/18/06	WG	pH	8	SU	FU060900GB4S01
Spring 4B	09/25/07	WG	pH	7.64	SU	FU070900GB4S01
Spring 4C	09/29/08	WG	Dissolved Oxygen	10	mg/L	CAWR-08-15508
Spring 4C	09/29/08	WG	Dissolved Oxygen	10	mg/L	CAWR-08-15511
Spring 4C	04/24/08	WG	Dissolved Oxygen	10.5	mg/L	CAWR-08-12106
Spring 4C	05/01/07	WG	Dissolved Oxygen	7.69	mg/L	FU070400GC4S01
Spring 4C	09/19/06	WG	Dissolved Oxygen	7.96	mg/L	FU060900GC4S01
Spring 4C	09/25/07	WG	Dissolved Oxygen	8.42	mg/L	FU070900GC4S01
Spring 4C	09/29/08	WG	Specific Conductance	104	µS/cm	CAWR-08-15511
Spring 4C	09/29/08	WG	Specific Conductance	104	µS/cm	CAWR-08-15508
Spring 4C	04/24/08	WG	Specific Conductance	172.1	µS/cm	CAWR-08-12106
Spring 4C	05/01/07	WG	Specific Conductance	204	µS/cm	FU070400GC4S01
Spring 4C	09/19/06	WG	Specific Conductance	206	µS/cm	FU060900GC4S01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4C	09/25/07	WG	Specific Conductance	191.3	µS/cm	FU070900GC4S01
Spring 4C	09/29/08	WG	Temperature	20.1	deg C	CAWR-08-15508
Spring 4C	09/29/08	WG	Temperature	20.1	deg C	CAWR-08-15511
Spring 4C	04/24/08	WG	Temperature	17.3	deg C	CAWR-08-12106
Spring 4C	05/01/07	WG	Temperature	16.9	deg C	FU070400GC4S01
Spring 4C	09/19/06	WG	Temperature	16.8	deg C	FU060900GC4S01
Spring 4C	09/25/07	WG	Temperature	18.1	deg C	FU070900GC4S01
Spring 4C	09/29/08	WG	Turbidity	0.51	NTU	CAWR-08-15511
Spring 4C	04/24/08	WG	Turbidity	0.84	NTU	CAWR-08-12106
Spring 4C	05/01/07	WG	Turbidity	0.28	NTU	FU070400GC4S01
Spring 4C	09/19/06	WG	Turbidity	0.22	NTU	FU060900GC4S01
Spring 4C	09/25/07	WG	Turbidity	0.32	NTU	FU070900GC4S01
Spring 4C	09/29/08	WG	pH	7.53	SU	CAWR-08-15511
Spring 4C	09/29/08	WG	pH	7.53	SU	CAWR-08-15508
Spring 4C	04/24/08	WG	pH	7.4	SU	CAWR-08-12106
Spring 4C	05/01/07	WG	pH	7.93	SU	FU070400GC4S01
Spring 4C	09/19/06	WG	pH	8.01	SU	FU060900GC4S01
Spring 4C	09/25/07	WG	pH	7.87	SU	FU070900GC4S01
Spring 5	09/30/08	WG	Dissolved Oxygen	4	mg/L	CAWR-08-15521
Spring 5	04/30/08	WG	Dissolved Oxygen	8.8	mg/L	CAWR-08-12114
Spring 5	09/19/06	WG	Dissolved Oxygen	5.61	mg/L	FU060900G5SW01
Spring 5	09/27/05	WG	Dissolved Oxygen	10.76	mg/L	FU05090G5SW01
Spring 5	07/26/05	WG	Dissolved Oxygen	6.51	mg/L	FU05070G5SW01
Spring 5	09/30/08	WG	Specific Conductance	189.3	µS/cm	CAWR-08-15521
Spring 5	04/30/08	WG	Specific Conductance	163.2	µS/cm	CAWR-08-12114
Spring 5	09/19/06	WG	Specific Conductance	179	µS/cm	FU060900G5SW01
Spring 5	09/30/08	WG	Temperature	20.2	deg C	CAWR-08-15521
Spring 5	04/30/08	WG	Temperature	21.7	deg C	CAWR-08-12114
Spring 5	09/19/06	WG	Temperature	21.1	deg C	FU060900G5SW01
Spring 5	09/27/05	WG	Temperature	19.3	deg C	FU05090G5SW01
Spring 5	07/26/05	WG	Temperature	20.4	deg C	FU05070G5SW01
Spring 5	09/30/08	WG	Turbidity	0.5	NTU	CAWR-08-15521
Spring 5	04/30/08	WG	Turbidity	1.48	NTU	CAWR-08-12114
Spring 5	09/19/06	WG	Turbidity	0.45	NTU	FU060900G5SW01
Spring 5	09/27/05	WG	Turbidity	0.64	NTU	FU05090G5SW01
Spring 5	07/26/05	WG	Turbidity	0.55	NTU	FU05070G5SW01
Spring 5	09/30/08	WG	pH	7.3	SU	CAWR-08-15521
Spring 5	04/30/08	WG	pH	7.5	SU	CAWR-08-12114
Spring 5	09/19/06	WG	pH	7.71	SU	FU060900G5SW01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 5A	09/30/08	WG	Dissolved Oxygen	4.7	mg/L	CAWR-08-15528
Spring 5A	09/30/08	WG	Specific Conductance	240	µS/cm	CAWR-08-15528
Spring 5A	09/14/04	WG	Specific Conductance	218	µS/cm	FU04090GA5S01
Spring 5A	09/30/08	WG	Temperature	21.4	deg C	CAWR-08-15528
Spring 5A	09/14/04	WG	Temperature	21.4	deg C	FU04090GA5S01
Spring 5A	09/30/08	WG	Turbidity	1.74	NTU	CAWR-08-15528
Spring 5A	09/14/04	WG	Turbidity	2.76	NTU	FU04090GA5S01
Spring 5A	09/30/08	WG	pH	7.21	SU	CAWR-08-15528
Spring 5A	09/14/04	WG	pH	6.99	SU	FU04090GA5S01
Spring 5A	09/26/00	WG	pH	7.55	SU	GM00091GA5S
Spring 6	09/30/08	WG	Dissolved Oxygen	5.39	mg/L	CAWR-08-15532
Spring 6	09/19/06	WG	Dissolved Oxygen	7.2	mg/L	FU060900G6SW01
Spring 6	09/27/05	WG	Dissolved Oxygen	7.47	mg/L	FU05090G6SW01
Spring 6	04/29/05	WG	Dissolved Oxygen	6.8	mg/L	FU05040G6SW01
Spring 6	03/24/05	WG	Dissolved Oxygen	7.05	mg/L	FU05030G6SW01
Spring 6	09/30/08	WG	Specific Conductance	133	µS/cm	CAWR-08-15532
Spring 6	09/19/06	WG	Specific Conductance	130.9	µS/cm	FU060900G6SW01
Spring 6	09/27/05	WG	Specific Conductance	131.3	µS/cm	FU05090G6SW01
Spring 6	04/29/05	WG	Specific Conductance	133.7	µS/cm	FU05040G6SW01
Spring 6	09/25/07	WG	Specific Conductance	142.7	µS/cm	FU070900G6SW01
Spring 6	09/30/08	WG	Temperature	19.9	deg C	CAWR-08-15532
Spring 6	09/19/06	WG	Temperature	21	deg C	FU060900G6SW01
Spring 6	09/27/05	WG	Temperature	21	deg C	FU05090G6SW01
Spring 6	04/29/05	WG	Temperature	21	deg C	FU05040G6SW01
Spring 6	09/25/07	WG	Temperature	21	deg C	FU070900G6SW01
Spring 6	09/30/08	WG	Turbidity	0.6	NTU	CAWR-08-15532
Spring 6	09/19/06	WG	Turbidity	6.73	NTU	FU060900G6SW01
Spring 6	09/27/05	WG	Turbidity	0.2	NTU	FU05090G6SW01
Spring 6	09/14/04	WG	Turbidity	0.28	NTU	FU04090G6SW01
Spring 6	09/25/07	WG	Turbidity	1.09	NTU	FU070900G6SW01
Spring 6	09/30/08	WG	pH	7.4	SU	CAWR-08-15532
Spring 6	09/19/06	WG	pH	7.68	SU	FU060900G6SW01
Spring 6	09/27/05	WG	pH	7.41	SU	FU05090G6SW01
Spring 6	04/29/05	WG	pH	7.74	SU	FU05040G6SW01
Spring 6	09/25/07	WG	pH	7.66	SU	FU070900G6SW01
Spring 6A	09/30/08	WG	Dissolved Oxygen	6.96	mg/L	CAWR-08-15542
Spring 6A	09/19/06	WG	Dissolved Oxygen	3.5	mg/L	FU060900GA6S01
Spring 6A	09/27/05	WG	Dissolved Oxygen	6.14	mg/L	FU05090GA6S01
Spring 6A	09/25/07	WG	Dissolved Oxygen	5.6	mg/L	FU070900GA6S01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 6A	09/30/08	WG	Specific Conductance	125.3	µS/cm	CAWR-08-15542
Spring 6A	09/19/06	WG	Specific Conductance	133.8	µS/cm	FU060900GA6S01
Spring 6A	09/27/05	WG	Specific Conductance	155	µS/cm	FU05090GA6S01
Spring 6A	09/14/04	WG	Specific Conductance	118.2	µS/cm	FU04090GA6S01
Spring 6A	09/25/07	WG	Specific Conductance	160.2	µS/cm	FU070900GA6S01
Spring 6A	09/30/08	WG	Temperature	22.2	deg C	CAWR-08-15542
Spring 6A	09/19/06	WG	Temperature	20.9	deg C	FU060900GA6S01
Spring 6A	09/27/05	WG	Temperature	21.2	deg C	FU05090GA6S01
Spring 6A	09/14/04	WG	Temperature	23.5	deg C	FU04090GA6S01
Spring 6A	09/25/07	WG	Temperature	22.4	deg C	FU070900GA6S01
Spring 6A	09/30/08	WG	pH	6.57	SU	CAWR-08-15542
Spring 6A	09/19/06	WG	pH	7.1	SU	FU060900GA6S01
Spring 6A	09/27/05	WG	pH	6.58	SU	FU05090GA6S01
Spring 6A	09/14/04	WG	pH	7.49	SU	FU04090GA6S01
Spring 6A	09/25/07	WG	pH	6.9	SU	FU070900GA6S01
Spring 8A	09/30/08	WG	Dissolved Oxygen	6.2	mg/L	CAWR-08-15549
Spring 8A	09/30/08	WG	Dissolved Oxygen	6.2	mg/L	CAWR-08-15550
Spring 8A	09/19/06	WG	Dissolved Oxygen	7.26	mg/L	FU060900GA8S01
Spring 8A	09/25/07	WG	Dissolved Oxygen	5.8	mg/L	FU070900GA8S01
Spring 8A	09/30/08	WG	Specific Conductance	114.6	µS/cm	CAWR-08-15549
Spring 8A	09/30/08	WG	Specific Conductance	114.6	µS/cm	CAWR-08-15550
Spring 8A	09/19/06	WG	Specific Conductance	132.7	µS/cm	FU060900GA8S01
Spring 8A	01/26/05	WG	Specific Conductance	112.6	µS/cm	FN05010GA8S01
Spring 8A	03/18/04	WG	Specific Conductance	115	µS/cm	FN04030GA8S01
Spring 8A	09/25/07	WG	Specific Conductance	106	µS/cm	FU070900GA8S01
Spring 8A	09/30/08	WG	Temperature	21.6	deg C	CAWR-08-15549
Spring 8A	09/30/08	WG	Temperature	21.6	deg C	CAWR-08-15550
Spring 8A	09/19/06	WG	Temperature	19.1	deg C	FU060900GA8S01
Spring 8A	01/26/05	WG	Temperature	19.3	deg C	FN05010GA8S01
Spring 8A	03/18/04	WG	Temperature	21.1	deg C	FN04030GA8S01
Spring 8A	09/25/07	WG	Temperature	21.6	deg C	FU070900GA8S01
Spring 8A	09/30/08	WG	Turbidity	1.31	NTU	CAWR-08-15549
Spring 8A	09/30/08	WG	Turbidity	1.31	NTU	CAWR-08-15550
Spring 8A	09/19/06	WG	Turbidity	2.18	NTU	FU060900GA8S01
Spring 8A	01/26/05	WG	Turbidity	1.31	NTU	FN05010GA8S01
Spring 8A	03/18/04	WG	Turbidity	0.26	NTU	FN04030GA8S01
Spring 8A	09/25/07	WG	Turbidity	0.19	NTU	FU070900GA8S01
Spring 8A	09/30/08	WG	pH	6.76	SU	CAWR-08-15549
Spring 8A	09/30/08	WG	pH	6.76	SU	CAWR-08-15550

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 8A	09/19/06	WG	pH	7.25	SU	FU060900GA8S01
Spring 8A	01/26/05	WG	pH	7.44	SU	FN05010GA8S01
Spring 8A	03/18/04	WG	pH	7.9	SU	FN04030GA8S01
Spring 8A	09/25/07	WG	pH	6.74	SU	FU070900GA8S01
Spring 9	09/30/08	WG	Dissolved Oxygen	7.06	mg/L	CAWR-08-15537
Spring 9	09/19/06	WG	Dissolved Oxygen	6.11	mg/L	FU060900G9SW01
Spring 9	09/28/05	WG	Dissolved Oxygen	6.7	mg/L	FU05090G9SW01
Spring 9	09/25/07	WG	Dissolved Oxygen	5.9	mg/L	FU070900G9SW01
Spring 9	09/30/08	WG	Specific Conductance	139.6	µS/cm	CAWR-08-15537
Spring 9	09/19/06	WG	Specific Conductance	121.3	µS/cm	FU060900G9SW01
Spring 9	09/28/05	WG	Specific Conductance	124.1	µS/cm	FU05090G9SW01
Spring 9	09/14/04	WG	Specific Conductance	123.3	µS/cm	FU04090G9SW01
Spring 9	09/25/07	WG	Specific Conductance	122.7	µS/cm	FU070900G9SW01
Spring 9	09/30/08	WG	Temperature	15.9	deg C	CAWR-08-15537
Spring 9	09/19/06	WG	Temperature	20.4	deg C	FU060900G9SW01
Spring 9	09/28/05	WG	Temperature	20.5	deg C	FU05090G9SW01
Spring 9	09/14/04	WG	Temperature	22.3	deg C	FU04090G9SW01
Spring 9	09/25/07	WG	Temperature	20.9	deg C	FU070900G9SW01
Spring 9	09/30/08	WG	Turbidity	0.76	NTU	CAWR-08-15537
Spring 9	09/19/06	WG	Turbidity	0.25	NTU	FU060900G9SW01
Spring 9	09/28/05	WG	Turbidity	2.41	NTU	FU05090G9SW01
Spring 9	09/14/04	WG	Turbidity	22.4	NTU	FU04090G9SW01
Spring 9	09/25/07	WG	Turbidity	3.5	NTU	FU070900G9SW01
Spring 9	09/30/08	WG	pH	6.04	SU	CAWR-08-15537
Spring 9	09/19/06	WG	pH	7.26	SU	FU060900G9SW01
Spring 9	09/28/05	WG	pH	8.46	SU	FU05090G9SW01
Spring 9	09/14/04	WG	pH	7.74	SU	FU04090G9SW01
Spring 9	09/25/07	WG	pH	7.64	SU	FU070900G9SW01
Spring 9A	10/01/08	WG	Dissolved Oxygen	4.73	mg/L	CAWR-08-15539
Spring 9A	09/20/06	WG	Dissolved Oxygen	7.35	mg/L	FU060900GA9S01
Spring 9A	09/28/05	WG	Dissolved Oxygen	4.14	mg/L	FU05090GA9S01
Spring 9A	07/20/05	WG	Dissolved Oxygen	4.09	mg/L	FU05070GA9S01
Spring 9A	09/26/07	WG	Dissolved Oxygen	6.5	mg/L	FU070900GA9S01
Spring 9A	10/01/08	WG	Specific Conductance	134.8	µS/cm	CAWR-08-15539
Spring 9A	09/20/06	WG	Specific Conductance	119.8	µS/cm	FU060900GA9S01
Spring 9A	09/28/05	WG	Specific Conductance	124.1	µS/cm	FU05090GA9S01
Spring 9A	07/20/05	WG	Specific Conductance	122.8	µS/cm	FU05070GA9S01
Spring 9A	09/26/07	WG	Specific Conductance	121.8	µS/cm	FU070900GA9S01
Spring 9A	10/01/08	WG	Temperature	19.9	deg C	CAWR-08-15539

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 9A	09/20/06	WG	Temperature	18	deg C	FU060900GA9S01
Spring 9A	09/28/05	WG	Temperature	21.1	deg C	FU05090GA9S01
Spring 9A	07/20/05	WG	Temperature	20.6	deg C	FU05070GA9S01
Spring 9A	09/26/07	WG	Temperature	21.2	deg C	FU070900GA9S01
Spring 9A	10/01/08	WG	Turbidity	1.12	NTU	CAWR-08-15539
Spring 9A	09/20/06	WG	Turbidity	0.91	NTU	FU060900GA9S01
Spring 9A	09/28/05	WG	Turbidity	0.34	NTU	FU05090GA9S01
Spring 9A	07/20/05	WG	Turbidity	2.4	NTU	FU05070GA9S01
Spring 9A	09/26/07	WG	Turbidity	2.47	NTU	FU070900GA9S01
Spring 9A	10/01/08	WG	pH	7.14	SU	CAWR-08-15539
Spring 9A	09/20/06	WG	pH	7.77	SU	FU060900GA9S01
Spring 9A	09/28/05	WG	pH	7.16	SU	FU05090GA9S01
Spring 9A	07/20/05	WG	pH	7.79	SU	FU05070GA9S01
Spring 9A	09/26/07	WG	pH	7.3	SU	FU070900GA9S01
Spring 9B	04/23/08	WG	Dissolved Oxygen	5.1	mg/L	CAWR-08-12125
Spring 9B	10/01/08	WG	Dissolved Oxygen	6.8	mg/L	CAWR-08-15552
Spring 9B	04/23/08	WG	Specific Conductance	124.4	µS/cm	CAWR-08-12125
Spring 9B	10/01/08	WG	Specific Conductance	119.6	µS/cm	CAWR-08-15552
Spring 9B	04/23/08	WG	Temperature	20.9	deg C	CAWR-08-12125
Spring 9B	10/01/08	WG	Temperature	21.4	deg C	CAWR-08-15552
Spring 9B	04/23/08	WG	Turbidity	10.3	NTU	CAWR-08-12125
Spring 9B	10/01/08	WG	Turbidity	0.27	NTU	CAWR-08-15552
Spring 9B	04/23/08	WG	pH	6.89	SU	CAWR-08-12125
Spring 9B	10/01/08	WG	pH	7.85	SU	CAWR-08-15552

µS/cm = Microsiemens per centimeter.
NTU = Nephelometric turbidity unit.
SU = Standard unit.
WG = Groundwater.
WS = Surface water.
WP = Persistent water.

Appendix C

Groundwater-Level Measurements
(no groundwater monitoring wells in White Rock Watershed)

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	minimum detectable activity
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

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.2	—	—	7.30E-01	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.3	—	—	7.30E-01	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	7.25E-01	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.8	—	—	7.25E-01	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.9	—	—	7.25E-01	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.6	—	—	7.25E-01	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.00E-02	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.8	—	—	3.00E-02	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.60E-02	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	3.60E-02	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	3.00E-02	mg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	3.00E-02	mg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	3.60E-02	mg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	3.60E-02	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.2	—	—	6.60E-02	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.29	—	—	6.60E-02	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.17	—	—	6.60E-02	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	6.60E-02	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.24	—	—	6.60E-02	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.21	—	—	6.60E-02	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.386	—	—	3.30E-02	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.327	—	—	3.30E-02	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.327	—	—	3.30E-02	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.355	—	—	3.30E-02	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.384	—	—	3.30E-02	mg/L	—	U, J+	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.411	—	—	3.30E-02	mg/L	—	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.6	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.3	—	—	4.30E-01	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.4	—	—	4.25E-01	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.6	—	—	4.40E-01	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.9	—	—	8.50E-02	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	4.30E-01	mg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	4.25E-01	mg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.7	—	—	4.40E-01	mg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	8.50E-02	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.13	—	—	8.50E-02	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	8.50E-02	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	8.50E-02	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.29	—	—	8.50E-02	mg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.28	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.386	—	—	5.00E-02	µg/L	—	—	08-1071	CAWR-08-12117	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.333	—	—	5.00E-02	µg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.364	—	—	5.00E-02	µg/L	—	J-	185416	GF070400GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.3	—	—	5.00E-02	µg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	5.00E-02	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.94	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	5.00E-02	mg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	75.5	—	—	3.20E-02	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	3.20E-02	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72	—	—	3.20E-02	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	3.20E-02	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.84	—	—	4.50E-02	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	4.50E-02	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.98	—	—	4.50E-02	mg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	4.50E-02	mg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	4.50E-02	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	138	—	—	1.00E+00	µS/cm	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	µS/cm	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1.00E+00	µS/cm	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	µS/cm	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	µS/cm	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	µS/cm	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.59	—	—	1.00E-01	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.59	—	—	1.00E-01	mg/L	—	J-	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.62	—	—	1.00E-01	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.65	—	—	1.00E-01	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.59	—	—	1.00E-01	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.56	—	—	1.00E-01	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.40E+00	mg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.38E+00	mg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.38E+00	mg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.38E+00	mg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.38E+00	mg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.12	—	—	3.30E-01	mg/L	—	—	09-25	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.33	—	—	3.30E-01	mg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.454	—	—	3.30E-01	mg/L	J	—	194658	GU070900GSAW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.399	—	—	3.30E-01	mg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.737	—	—	3.30E-01	mg/L	J	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	1.00E-02	SU	H	J-	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	1.00E-02	SU	H	J	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.1	—	—	1.00E+00	µg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	µg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	µg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.6	—	—	1.00E+00	µg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.2	—	—	1.00E+00	µg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.9	—	—	1.00E+00	µg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.7	—	—	1.00E+00	µg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.7	—	—	1.00E+00	µg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.4	—	—	1.50E+00	µg/L	J	J	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	µg/L	J	J	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	1.00E+00	µg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1.00E+00	µg/L	J	JN-	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.50E+00	µg/L	J	J	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	2.50E+00	µg/L	J	J	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.5	—	—	1.00E+00	µg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	1.00E+00	µg/L	—	JN-	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	133	—	—	2.50E+01	µg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	µg/L	U	U	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	52.4	—	—	1.80E+01	µg/L	J	U	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	638	—	—	2.50E+01	µg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	30.8	—	—	2.50E+01	µg/L	J	J	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	33.3	—	—	1.80E+01	µg/L	J	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	52.6	—	—	2.00E+00	µg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.7	—	—	2.00E+00	µg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	51.8	—	—	2.00E+00	µg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.9	—	—	2.00E+00	µg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.99	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	08-1071	CAWR-08-12117	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.1	—	—	2.00E+00	µg/L	J	U, J+	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.97	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	µg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.1	—	—	2.00E+00	µg/L	J	J+, U	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.6	—	—	3.20E-02	mg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.8	—	—	3.20E-02	mg/L	E	J	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	63.7	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.5	—	—	1.00E+00	µg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.2	—	—	1.00E+00	µg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.8	—	—	1.00E+00	µg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.5	—	—	1.00E+00	µg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.9	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.2	—	—	1.00E+00	µg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.8	—	—	1.00E+00	µg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.6	—	—	1.00E+00	µg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61	—	—	1.00E+00	µg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.2	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.35	—	—	5.00E-02	µg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	µg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	5.00E-02	µg/L	—	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.24	—	—	5.00E-02	µg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.2	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	5.00E-02	µg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	µg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.35	—	—	5.00E-02	µg/L	—	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	5.00E-02	µg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.6	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15524	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	µg/L	—	—	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1.00E+00	µg/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	µg/L	—	J+	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.2	—	—	1.00E+00	µg/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.6	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	µg/L	—	—	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	µg/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	7.1	—	—	1.00E+00	µg/L	—	U	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.2	—	—	1.00E+00	µg/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1071	CAWR-08-12117	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194658	GF070900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2.00E+00	µg/L	J	—	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.2	—	—	2.00E+00	µg/L	J*	U, J	172456	GF060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.1	—	—	2.00E+00	µg/L	J	J	09-26	CAWR-08-15525	GELC
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1071	CAWR-08-12119	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194658	GU070900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.5	—	—	2.00E+00	µg/L	J*	J, U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0143	5.67E-03	4.40E-02	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00257	1.81E-03	6.72E-02	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00712	1.70E-03	4.10E-02	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00972	2.68E-03	3.10E-02	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:901.1	Americium-241	<	9.93	3.32E+00	3.39E+01	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00586	1.96E-03	2.16E-02	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	EPA:901.1	Americium-241	<	-0.786	4.07E+00	3.79E+01	—	pCi/L	U	—	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	Alpha-Spec	Americium-241	<	0.0217	4.20E-03	3.90E-02	—	pCi/L	U	—	50912	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0138	3.33E-03	5.10E-02	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	1.41E-03	6.22E-02	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00992	3.80E-03	4.43E-02	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.79	4.33E-01	3.80E+00	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.951	2.54E-01	2.64E+00	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.34	3.80E-01	3.84E+00	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.37	3.83E-01	3.29E+00	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.314	4.03E-01	4.75E+00	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	EPA:901.1	Cesium-137	<	0.724	4.03E-01	4.70E+00	—	pCi/L	U	—	51004	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.885	5.67E-01	4.50E+00	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.351	1.83E-01	1.83E+00	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.335	4.07E-01	4.30E+00	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.58	4.67E-01	4.30E+00	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.57	2.49E-01	2.56E+00	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0521	3.47E-01	4.04E+00	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.13	3.37E-01	3.79E+00	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.393	4.87E-01	5.74E+00	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	EPA:901.1	Cobalt-60	<	3.95	5.27E-01	7.25E+00	—	pCi/L	U	—	51004	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.42	5.00E-01	3.70E+00	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.559	2.05E-01	2.09E+00	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.49	4.13E-01	4.14E+00	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	10.1	4.67E+00	1.90E+01	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.2	2.11E+01	2.20E+02	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	64.5	4.07E+01	2.30E+02	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	246	4.23E+01	4.47E+02	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.82	5.33E+00	1.90E+01	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	45.3	2.47E+01	1.29E+02	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	56.3	2.49E+01	2.91E+02	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.45	3.33E+00	3.40E+01	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.08	2.16E+00	1.90E+01	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.216	2.57E+00	2.76E+01	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.53	4.13E+00	2.74E+01	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.43	3.05E+00	3.30E+01	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	EPA:901.1	Neptunium-237	<	7.46	3.73E+00	3.93E+01	—	pCi/L	U	—	51004	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.37	3.67E+00	3.20E+01	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.13	1.60E+00	1.23E+01	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.942	2.06E+00	2.02E+01	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.53E-03	2.80E-02	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.000734	1.08E-03	3.94E-02	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.28E-03	1.84E-02	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.011	1.73E-03	2.80E-02	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.0114	3.02E-03	3.07E-02	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	Alpha-Spec	Plutonium-238	<	0.00279	2.08E-03	2.59E-02	—	pCi/L	U	—	50912	GF01101GSAW	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00493	1.23E-03	2.50E-02	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.91E-03	2.64E-02	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00257	5.07E-03	2.47E-02	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00187	1.63E-03	3.20E-02	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00335	1.39E-03	4.64E-02	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.56E-03	2.14E-02	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.011	1.50E-03	2.90E-02	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	6.8E-10	2.33E-03	3.07E-02	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.00279	1.61E-03	2.05E-02	—	pCi/L	U	—	50912	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00984	1.57E-03	2.80E-02	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0033	1.10E-03	3.12E-02	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.018	3.73E-03	2.88E-02	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9	5.00E+00	5.30E+01	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-26.8	4.33E+00	3.60E+01	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.25	6.97E+00	3.51E+01	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	22.1	4.17E+00	4.99E+01	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14	6.67E+00	4.61E+01	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	EPA:901.1	Potassium-40	<	17.6	1.08E+01	5.41E+01	—	pCi/L	U	—	51004	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3	5.33E+00	5.70E+01	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.8	3.47E+00	2.60E+01	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	69.8	6.17E+00	7.86E+01	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.24	5.00E-01	3.90E+00	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.59	2.63E-01	2.86E+00	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.00777	3.50E-01	4.04E+00	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.017	3.17E-01	3.57E+00	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.141	4.37E-01	5.08E+00	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	EPA:901.1	Sodium-22	<	-1.46	4.77E-01	4.98E+00	—	pCi/L	U	—	51004	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.931	4.33E-01	4.60E+00	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.199	1.81E-01	1.81E+00	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.02	3.37E-01	3.80E+00	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.189	4.00E-02	3.90E-01	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.113	2.42E-02	2.39E-01	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.047	2.35E-02	2.58E-01	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0201	2.74E-02	3.39E-01	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.3	2.88E-02	2.21E-01	—	pCi/L	—	J	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	EPA:905.0	Strontium-90	<	0.111	2.02E-02	1.91E-01	—	pCi/L	U	—	51004	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.297	4.67E-02	4.50E-01	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0126	1.73E-02	1.82E-01	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0495	2.19E-02	2.77E-01	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.070246	2.59E-01	2.62E+00	—	pCi/L	U	U	09-31	CAWR-08-15525	ARSL
Ancho Spring	04/28/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	9.58E-02	2.87E-01	—	pCi/L	U	U	08-1080	CAWR-08-12119	UMTL
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900GSAW01	UMTL
Ancho Spring	05/02/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	9.58E-02	2.87E-01	—	pCi/L	—	U	2336	UU070400GSAW01	UMTL
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	9.58E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900GSAW01	UMTL
Ancho Spring	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.201	8.00E-03	6.90E-02	—	pCi/L	—	—	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.182	6.77E-03	3.91E-02	—	pCi/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.215	9.10E-03	4.78E-02	—	pCi/L	—	—	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.253	9.07E-03	7.10E-02	—	pCi/L	—	—	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.191	8.17E-03	1.60E-02	—	pCi/L	—	—	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	Alpha-Spec	Uranium-234	—	0.178	9.67E-03	4.46E-02	—	pCi/L	—	—	50912	GF01101GSAW	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.189	8.00E-03	8.10E-02	—	pCi/L	—	—	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.204	7.30E-03	4.07E-02	—	pCi/L	—	—	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.214	8.43E-03	4.42E-02	—	pCi/L	—	—	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00976	2.30E-03	3.60E-02	—	pCi/L	U	U	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0193	2.59E-03	3.03E-02	—	pCi/L	U	U	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00566	2.31E-03	4.03E-02	—	pCi/L	U	U	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00741	1.84E-03	4.60E-02	—	pCi/L	U	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0087	2.06E-03	2.02E-02	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	Alpha-Spec	Uranium-235/236	<	-0.00205	2.69E-03	4.48E-02	—	pCi/L	U	—	50912	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00285	2.87E-03	4.20E-02	—	pCi/L	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00891	1.49E-03	3.15E-02	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00262	2.62E-03	3.73E-02	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0652	4.33E-03	3.80E-02	—	pCi/L	—	—	09-27	CAWR-08-15524	GELC
Ancho Spring	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.113	5.13E-03	3.42E-02	—	pCi/L	—	—	194658	GF070900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0962	6.20E-03	5.08E-02	—	pCi/L	—	J	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.132	6.10E-03	5.00E-02	—	pCi/L	—	J	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.0802	5.00E-03	2.01E-02	—	pCi/L	—	—	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:901.1	Uranium-238	<	56.4	2.68E+01	2.69E+02	—	pCi/L	U	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	EPA:901.1	Uranium-238	<	93.2	4.30E+01	2.75E+02	—	pCi/L	U	—	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	—	Rad	Alpha-Spec	Uranium-238	—	0.0778	6.13E-03	3.67E-02	—	pCi/L	—	—	50912	GF01101GSAW	GELC
Ancho Spring	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0968	6.00E-03	4.50E-02	—	pCi/L	—	—	09-27	CAWR-08-15525	GELC
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0901	4.73E-03	3.56E-02	—	pCi/L	—	J	194658	GU070900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0889	4.97E-03	4.70E-02	—	pCi/L	—	J	172456	GU060900GSAW01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	14.7	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	19.9	—	—	7.25E-01	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	4.92	—	—	7.25E-01	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1.45	—	—	1.45E+00	mg/L	U	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1.45	—	—	1.45E+00	mg/L	U	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1.45	—	—	1.45E+00	mg/L	U	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.32	—	—	7.25E-01	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.8	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.7	—	—	7.25E-01	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.8	—	—	7.25E-01	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.1	—	—	1.45E+00	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.7	—	—	1.45E+00	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.7	—	—	1.45E+00	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.2	—	—	7.25E-01	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	3.00E-02	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	3.60E-02	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.60E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:200.7	Calcium	—	12.4	—	—	8.23E-03	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:200.7	Calcium	—	12.4	—	—	8.23E-03	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.00E-02	mg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	3.60E-02	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.60E-02	mg/L	—	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.42	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.29	—	—	6.60E-02	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.43	—	—	6.60E-02	mg/L	—	—	172455	GF060900PGRA01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.35	—	—	5.30E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.47	—	—	3.22E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:300.0	Chloride	—	2.46	—	—	3.22E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.43	—	—	6.60E-02	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.454	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.407	—	—	3.30E-02	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.437	—	—	3.30E-02	mg/L	—	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.383	—	—	3.00E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.412	—	—	5.53E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:300.0	Fluoride	—	0.413	—	—	5.53E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.431	—	—	3.30E-02	mg/L	—	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.8	—	—	4.25E-01	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	8.50E-02	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45	—	—	8.50E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:200.7	Hardness	—	44	—	—	8.23E-03	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.5	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	4.25E-01	mg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.6	—	—	8.50E-02	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	8.50E-02	mg/L	—	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.83	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	8.50E-02	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	8.50E-02	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.29	—	—	8.50E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.14	—	—	3.32E-03	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:200.7	Magnesium	—	3.14	—	—	3.32E-03	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.4	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	8.50E-02	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	8.50E-02	mg/L	—	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.175	—	—	5.00E-02	µg/L	J	J	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.143	—	—	5.00E-02	µg/L	J	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.128	—	—	5.00E-02	µg/L	J	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.163	—	—	5.00E-02	µg/L	J	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.18	—	—	5.00E-02	µg/L	J	—	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	5.00E-02	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	5.00E-02	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:200.7	Potassium	—	1.66	—	—	3.72E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:200.7	Potassium	—	1.66	—	—	3.72E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	5.00E-02	mg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	75	—	—	3.20E-02	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	69.3	—	—	3.20E-02	mg/L	—	—	172455	GF060900PGRA01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	3.20E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	66.5	—	—	1.22E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:200.7	Silicon Dioxide	—	66.3	—	—	1.22E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70.8	—	—	3.20E-02	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70.1	—	—	3.20E-02	mg/L	—	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	4.50E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:200.7	Sodium	—	10.4	—	—	2.00E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:200.7	Sodium	—	10.4	—	—	2.00E-02	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	4.50E-02	mg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	4.50E-02	mg/L	—	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	µS/cm	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1.00E+00	µS/cm	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	µS/cm	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	132	—	—	1.00E+00	µS/cm	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	SW-846:9050A	Specific Conductance	—	131	—	—	1.00E+00	µS/cm	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	154	—	—	1.00E+00	µS/cm	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.46	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.97	—	—	1.00E-01	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.27	—	—	1.00E-01	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.08	—	—	5.70E-02	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.17	—	—	1.93E-01	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Geninorg	EPA:300.0	Sulfate	—	2.17	—	—	1.93E-01	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.27	—	—	1.00E-01	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	9.66	—	—	1.30E+00	mg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.2	—	—	1.14E+00	mg/L	J	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.5	—	—	2.85E+00	mg/L	J	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.47	—	—	1.05E+00	mg/L	J	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/24/02	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	12.8	—	—	7.64E-01	mg/L	—	—	67781	GU02090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.38E+00	mg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.38E+00	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.38E+00	mg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.38E+00	mg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	3.07E+00	mg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.82	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.61	—	—	3.30E-01	mg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.79	—	—	3.30E-01	mg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	9	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	9.07	—	—	1.00E-02	SU	H	J	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	8.69	—	—	1.00E-02	SU	H	J	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.64	—	—	1.00E-02	SU	H	J	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.59	—	—	—	SU	H	J	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.69	—	—	1.00E-02	SU	H	J	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	29.7	—	—	1.00E+00	µg/L	E	—	09-20	CAWR-08-15455	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	30.1	—	—	1.00E+00	µg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	29.8	—	—	1.00E+00	µg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1.00E+00	µg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Barium	—	28.8	—	—	3.01E-01	µg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Barium	—	29	—	—	3.01E-01	µg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1.00E+00	µg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	31	—	—	1.00E+00	µg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.8	—	—	1.00E+00	µg/L	—	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	1.1	—	—	1.00E+00	µg/L	J	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	µg/L	U	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Chromium	<	1.43	—	—	1.43E+00	µg/L	U	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Chromium	<	1.43	—	—	1.43E+00	µg/L	U	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Chromium	—	1.4	—	—	1.00E+00	µg/L	J	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	31.6	—	—	2.50E+01	µg/L	J	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	56.6	—	—	1.80E+01	µg/L	J	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Iron	—	16.5	—	—	1.49E+01	µg/L	J	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Iron	<	14.9	—	—	1.49E+01	µg/L	U	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	47.6	—	—	2.50E+01	µg/L	J	J	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	49.5	—	—	2.50E+01	µg/L	J	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	83.4	—	—	1.80E+01	µg/L	J	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.1	—	—	1.80E+01	µg/L	J	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.1	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.1	—	—	2.00E+00	µg/L	J	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Manganese	<	1.9	—	—	3.04E-01	µg/L	J	U	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Manganese	—	1.72	—	—	3.04E-01	µg/L	J	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.3	—	—	2.00E+00	µg/L	J	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.6	—	—	2.00E+00	µg/L	J	U, J+	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Molybdenum	<	1	—	—	9.48E-01	µg/L	J	U	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Molybdenum	<	0.948	—	—	9.48E-01	µg/L	U	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.7	—	—	2.00E+00	µg/L	J	J+, U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.53	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194654	GF070900PGRA01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	0.8	—	—	5.00E-01	µg/L	J	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.60E+00	µg/L	U	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.60E+00	µg/L	U	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.97	—	—	5.00E-01	µg/L	J	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	78.9	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	69.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.2	—	—	1.00E+00	µg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	63.1	—	—	1.00E+00	µg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.7	—	—	1.00E+00	µg/L	—	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Strontium	—	58.7	—	—	2.38E-01	µg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Strontium	—	58.7	—	—	2.38E-01	µg/L	—	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.7	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.3	—	—	1.00E+00	µg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.2	—	—	1.00E+00	µg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.2	—	—	1.00E+00	µg/L	—	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.16	—	—	5.00E-02	µg/L	J	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	5.00E-02	µg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	5.00E-02	µg/L	J	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/26/00	WS	F	CS	—	Metals	EPA:200.8	Uranium	—	0.21	—	—	1.80E-02	µg/L	—	—	32206	GC00091WGRA	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.16	—	—	5.00E-02	µg/L	J	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	5.00E-02	µg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.17	—	—	5.00E-02	µg/L	J	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	µg/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1.00E+00	µg/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	µg/L	J	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Vanadium	—	3.7	—	—	7.32E-01	µg/L	J	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Vanadium	—	4.53	—	—	7.32E-01	µg/L	J	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1.00E+00	µg/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1.00E+00	µg/L	—	—	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	µg/L	J	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Zinc	<	7.2	—	—	2.00E+00	µg/L	J	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	CS	—	Metals	EPA:200.7	Zinc	<	0.88	—	—	4.06E-01	µg/L	J	U	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	F	DUP	—	Metals	EPA:200.7	Zinc	—	1.03	—	—	4.06E-01	µg/L	J	—	121726	GF04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.3	—	—	2.00E+00	µg/L	J	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00586	1.17E-03	2.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00443	2.67E-03	4.80E-02	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00743	4.83E-03	3.67E-02	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.021	4.27E-03	3.36E-02	—	pCi/L	U	U	146888	GF05090PGRA01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	1.43E-03	2.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00629	3.22E-03	3.98E-02	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00555	2.04E-03	4.00E-02	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.011	3.03E-03	3.48E-02	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	Alpha-Spec	Americium-241	<	0.0166	2.94E-03	3.30E-02	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.284	4.67E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.847	4.90E-01	4.56E+00	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.88	4.47E-01	3.89E+00	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.68	2.87E-01	2.76E+00	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.82	4.33E-01	4.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.78	5.07E-01	4.51E+00	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.91	4.30E-01	4.35E+00	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.74	3.93E-01	4.01E+00	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.93	3.87E-01	5.21E+00	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.86	4.67E-01	5.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.713	4.93E-01	4.60E+00	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.218	4.43E-01	4.23E+00	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.46	3.04E-01	3.54E+00	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.619	4.67E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.29	4.63E-01	4.06E+00	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.1	4.10E-01	5.43E+00	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.35	4.53E-01	5.43E+00	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.42	8.07E-01	2.99E+00	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	18.6	7.33E+00	3.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.3	2.37E+01	2.38E+02	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	96.1	2.27E+01	3.72E+02	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	74.8	1.22E+01	2.99E+02	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17.3	5.33E+00	2.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.5	2.05E+01	2.40E+02	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.1	2.31E+01	3.25E+02	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	72	1.41E+01	2.95E+02	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	78.3	2.54E+01	2.10E+02	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.5	3.33E+00	3.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.38	3.87E+00	3.54E+01	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.03	3.06E+00	3.05E+01	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.4	1.36E+00	1.18E+01	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.67	3.67E+00	3.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.3	3.32E+00	3.06E+01	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.6	4.03E+00	3.89E+01	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.66	1.80E+00	1.72E+01	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.9	3.37E+00	3.21E+01	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00202	6.67E-04	3.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.87E-04	3.35E-02	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00456	1.52E-03	2.19E-02	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0068	2.93E-03	3.46E-02	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0145	2.30E-03	3.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0102	2.25E-03	3.25E-02	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00247	1.17E-03	2.38E-02	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00222	3.40E-03	3.40E-02	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.0127	3.90E-03	3.90E-02	—	pCi/L	U	U	121726	GU04090WGRA01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00202	1.17E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00419	1.40E-03	3.96E-02	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.86E-03	2.55E-02	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00453	2.39E-03	3.74E-02	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00207	1.53E-03	3.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00203	1.79E-03	3.84E-02	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00742	2.18E-03	2.77E-02	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0111	2.23E-03	3.66E-02	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.0127	2.25E-03	4.10E-02	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-25	6.00E+00	5.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.73	5.43E+00	5.37E+01	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.1	5.23E+00	3.43E+01	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.8	6.40E+00	3.07E+01	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	25.4	6.00E+00	6.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	46.3	7.27E+00	3.96E+01	—	pCi/L	UI	R	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.37	4.97E+00	6.06E+01	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.04	4.77E+00	5.37E+01	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	43.2	5.40E+00	7.54E+01	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.21	4.00E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.141	5.67E-01	4.84E+00	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2	5.13E-01	3.43E+00	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.158	2.99E-01	3.18E+00	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.25	4.33E-01	4.10E+00	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.6	4.10E-01	4.56E+00	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.09	2.86E-01	3.03E+00	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.264	4.37E-01	4.66E+00	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.66	4.37E-01	4.26E+00	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0219	2.93E-02	3.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.156	3.93E-02	3.98E-01	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0622	2.40E-02	2.57E-01	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0131	2.38E-02	3.57E-01	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.152	3.67E-02	3.80E-01	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0164	3.70E-02	4.18E-01	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.16	2.86E-02	2.77E-01	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0124	2.02E-02	2.97E-01	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	GFPC	Strontium-90	<	-0.177	1.72E-02	1.94E-01	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.129	5.67E-03	5.60E-02	—	pCi/L	—	—	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.195	8.07E-03	5.26E-02	—	pCi/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.149	7.13E-03	4.32E-02	—	pCi/L	—	—	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.171	7.30E-03	6.54E-02	—	pCi/L	—	J	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.113	5.67E-03	5.80E-02	—	pCi/L	—	—	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.208	7.67E-03	4.53E-02	—	pCi/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.096	6.97E-03	5.13E-02	—	pCi/L	—	J	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.112	6.40E-03	8.73E-02	—	pCi/L	—	J	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.146	6.97E-03	7.70E-02	—	pCi/L	—	J	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00395	1.33E-03	2.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0105	2.15E-03	3.74E-02	—	pCi/L	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	2.43E-03	3.64E-02	—	pCi/L	U	U	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0106	2.50E-03	4.92E-02	—	pCi/L	U	U	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00203	1.50E-03	3.00E-02	—	pCi/L	U	U	09-21	CAWR-08-15454	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	2.27E-03	3.22E-02	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	3.50E-03	4.33E-02	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0106	2.64E-03	6.58E-02	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.00802	2.00E-03	5.00E-02	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.125	5.33E-03	3.10E-02	—	pCi/L	—	—	09-21	CAWR-08-15455	GELC
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.153	6.90E-03	4.15E-02	—	pCi/L	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0683	5.20E-03	4.59E-02	—	pCi/L	—	J	172455	GF060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.103	5.40E-03	4.63E-02	—	pCi/L	—	J	146888	GF05090PGRA01	GELC
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.105	5.00E-03	3.20E-02	—	pCi/L	—	—	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.115	5.50E-03	3.57E-02	—	pCi/L	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0492	6.53E-03	5.46E-02	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0401	4.10E-03	6.18E-02	—	pCi/L	U	U	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	Alpha-Spec	Uranium-238	<	0.0478	4.07E-03	5.40E-02	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	125	—	—	7.30E-01	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	124	—	—	7.25E-01	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	132	—	—	7.25E-01	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	124	—	—	1.45E+00	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	99.7	—	—	1.45E+00	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	99.7	—	—	1.45E+00	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	133	—	—	7.25E-01	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.092	—	—	6.70E-02	mg/L	J	J	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.163	—	—	6.60E-02	mg/L	J	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.041	—	—	4.10E-02	mg/L	U	—	140638	GF05070GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.6	—	—	3.00E-02	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.9	—	—	3.00E-02	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.5	—	—	3.60E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.7	—	—	3.60E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.4	—	—	5.54E-03	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Calcium	—	33.8	—	—	5.54E-03	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.3	—	—	3.00E-02	mg/L	—	—	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.9	—	—	3.00E-02	mg/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.6	—	—	3.60E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	36.3	—	—	3.60E-02	mg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7	—	—	6.60E-02	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.01	—	—	6.60E-02	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.1	—	—	6.60E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.94	—	—	5.30E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.1	—	—	3.22E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	EPA:300.0	Chloride	—	7.13	—	—	3.22E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	7.05	—	—	6.60E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.258	—	—	3.30E-02	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.266	—	—	3.30E-02	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	3.30E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.119	—	—	3.00E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.272	—	—	5.53E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	EPA:300.0	Fluoride	—	0.257	—	—	5.53E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.25	—	—	3.30E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	90.7	—	—	3.50E-01	mg/L	—	—	08-2030	CAWR-08-15464	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	93.9	—	—	4.25E-01	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	94.6	—	—	8.50E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91	—	—	8.50E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	90	—	—	5.54E-03	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.2	—	—	3.50E-01	mg/L	—	—	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	94	—	—	4.25E-01	mg/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	95	—	—	8.50E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	97.4	—	—	8.50E-02	mg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.05	—	—	8.50E-02	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.05	—	—	8.50E-02	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.46	—	—	8.50E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.04	—	—	8.50E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.01	—	—	5.18E-03	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Magnesium	—	0.985	—	—	5.18E-03	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.08	—	—	8.50E-02	mg/L	—	—	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.07	—	—	8.50E-02	mg/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.52	—	—	8.50E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.62	—	—	8.50E-02	mg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.27	—	—	1.00E-01	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.41	—	—	5.00E-02	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.44	—	—	1.40E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.9	—	—	1.70E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	2.56	—	—	3.00E-03	mg/L	H	J	120020	GF04080GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.92	—	—	1.40E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.858	—	—	5.00E-02	µg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.848	—	—	5.00E-02	µg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.709	—	—	5.00E-02	µg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.894	—	—	5.00E-02	µg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.854	—	—	5.00E-02	µg/L	—	J-	120020	GU04080GSML01	GELC
La Mesita Spring	08/24/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	120020	GU04080GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.63	—	—	5.00E-02	mg/L	E	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.89	—	—	5.00E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.78	—	—	5.00E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	1.65E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Potassium	—	2.35	—	—	1.65E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	5.00E-02	mg/L	E	—	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.68	—	—	5.00E-02	mg/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.95	—	—	5.00E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.23	—	—	5.00E-02	mg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29	—	—	3.20E-02	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29.4	—	—	3.20E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	28.4	—	—	3.20E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	28.6	—	—	2.12E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	28.1	—	—	2.12E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29.7	—	—	3.20E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.6	—	—	3.20E-02	mg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.1	—	—	4.50E-02	mg/L	—	—	08-2030	CAWR-08-15464	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.9	—	—	4.50E-02	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.9	—	—	4.50E-02	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29	—	—	4.50E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.3	—	—	1.44E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Sodium	—	26.7	—	—	1.44E-02	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.2	—	—	4.50E-02	mg/L	—	—	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.8	—	—	4.50E-02	mg/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.8	—	—	4.50E-02	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.6	—	—	4.50E-02	mg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	316	—	—	1.00E+00	µS/cm	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	306	—	—	1.00E+00	µS/cm	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	318	—	—	1.00E+00	µS/cm	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	299	—	—	1.00E+00	µS/cm	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	254	—	—	1.00E+00	µS/cm	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	SW-846:9050A	Specific Conductance	—	258	—	—	1.00E+00	µS/cm	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	317	—	—	1.00E+00	µS/cm	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14	—	—	1.00E-01	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.4	—	—	1.00E-01	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.3	—	—	1.00E-01	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.4	—	—	5.70E-02	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.7	—	—	1.93E-01	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	EPA:300.0	Sulfate	—	13.6	—	—	1.93E-01	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.2	—	—	1.00E-01	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.2	—	—	1.10E+00	mg/L	J	J	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	2.53	—	—	2.53E+00	mg/L	U	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	9.75	—	—	1.43E+00	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6.8	—	—	2.28E+00	mg/L	J	—	140638	GU05070GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	RE	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6.8	—	—	2.28E+00	mg/L	J	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.40E+00	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	202	—	—	2.38E+00	mg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	210	—	—	2.38E+00	mg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	210	—	—	2.38E+00	mg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	212	—	—	2.38E+00	mg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	197	—	—	3.07E+00	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	3.07E+00	mg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.709	—	—	3.30E-01	mg/L	J	J	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.575	—	—	3.30E-01	mg/L	J	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.4	—	—	3.30E-01	mg/L	—	U	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.05	—	—	2.40E-02	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.053	—	—	2.40E-02	mg/L	—	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.056	—	—	1.00E-02	mg/L	—	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.055	—	—	1.00E-02	mg/L	—	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011	—	—	1.10E-02	mg/L	U	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.068	—	—	1.00E-02	mg/L	—	U	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.64	—	—	1.00E-02	SU	H	J-	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	1.00E-02	SU	H	J	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	—	SU	H	J	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	—	SU	H	—	120020	GF04080GSML01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.28	—	—	1.00E-02	SU	H	J	171922	GU060800GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	111	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	117	—	—	1.00E+00	µg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	µg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	108	—	—	1.00E+00	µg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	103	—	—	2.22E-01	µg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Metals	SW-846:6010B	Barium	—	101	—	—	2.22E-01	µg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	111	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	120	—	—	1.00E+00	µg/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	µg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	134	—	—	1.00E+00	µg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	49.4	—	—	1.00E+01	µg/L	J	J	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	50.7	—	—	1.00E+01	µg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	52.3	—	—	1.00E+01	µg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	56.5	—	—	1.00E+01	µg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	49.7	—	—	4.88E+00	µg/L	B	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Metals	SW-846:6010B	Boron	—	49.1	—	—	4.88E+00	µg/L	B	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	48.5	—	—	1.00E+01	µg/L	J	J	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	49.5	—	—	1.00E+01	µg/L	J	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	50.6	—	—	1.00E+01	µg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	56.1	—	—	1.00E+01	µg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.50E+00	µg/L	J	J	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	1.00E+00	µg/L	J	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.1	—	—	1.00E+00	µg/L	J	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	2.1	—	—	5.03E-01	µg/L	B	U	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Metals	SW-846:6010B	Chromium	—	2.09	—	—	5.03E-01	µg/L	B	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1.50E+00	µg/L	J	J	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.00E+00	µg/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	5.3	—	—	1.00E+00	µg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.1	—	—	1.00E+00	µg/L	J	J	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Metals	SW-846:6010B	Selenium	—	3.51	—	—	2.81E+00	µg/L	B	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.4	—	—	1.00E+00	µg/L	J	J	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	2.7	—	—	2.50E+00	µg/L	J	—	140638	GU05070GSML01	GELC
La Mesita Spring	08/24/04	WG	UF	CS	—	Metals	SW-846:6010B	Selenium	<	2.81	—	—	2.81E+00	µg/L	U	UJ	120020	GU04080GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	30	—	—	3.20E-02	mg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	829	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	828	—	—	1.00E+00	µg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	735	—	—	1.00E+00	µg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	811	—	—	1.00E+00	µg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	764	—	—	1.78E-01	µg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Metals	SW-846:6010B	Strontium	—	751	—	—	1.78E-01	µg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	802	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	834	—	—	1.00E+00	µg/L	—	—	194180	GU070900GSML01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	722	—	—	1.00E+00	µg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	850	—	—	1.00E+00	µg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	11.7	—	—	5.00E-02	µg/L	—	—	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	12.5	—	—	5.00E-02	µg/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	9.8	—	—	5.00E-02	µg/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	11.8	—	—	5.00E-02	µg/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	11.9	—	—	2.00E-02	µg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Metals	SW-846:6020	Uranium	—	12.3	—	—	2.00E-02	µg/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	11.8	—	—	5.00E-02	µg/L	—	—	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	12.2	—	—	5.00E-02	µg/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	9.7	—	—	5.00E-02	µg/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	11.4	—	—	5.00E-02	µg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	µg/L	J	J	08-2030	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.4	—	—	1.00E+00	µg/L	J	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	µg/L	J	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	µg/L	J	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	6.06E-01	µg/L	B	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Metals	SW-846:6010B	Vanadium	—	3.02	—	—	6.06E-01	µg/L	B	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1.00E+00	µg/L	J	J	08-2030	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.1	—	—	1.00E+00	µg/L	J	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.7	—	—	1.00E+00	µg/L	J	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	µg/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00344	3.67E-03	2.70E-02	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0027	7.43E-04	4.61E-02	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00133	1.84E-03	2.29E-02	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0237	4.63E-03	4.70E-02	—	pCi/L	U	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00204	1.80E-03	3.20E-02	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0193	4.00E-03	4.80E-02	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00492	1.05E-03	4.62E-02	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0123	2.67E-03	2.73E-02	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00322	2.06E-03	4.40E-02	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.17	4.33E-01	4.80E+00	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.377	3.18E-01	2.37E+00	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.665	3.33E-01	3.45E+00	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.489	3.57E-01	3.88E+00	—	pCi/L	U	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.15	2.19E-01	2.48E+00	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0448	5.00E-01	4.70E+00	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0969	2.52E-01	2.44E+00	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.69	3.63E-01	4.17E+00	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.85	3.29E-01	3.24E+00	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.26	5.67E-01	5.30E+00	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.438	2.25E-01	2.12E+00	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.484	3.70E-01	4.18E+00	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.512	3.50E-01	3.99E+00	—	pCi/L	U	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.00446	3.18E-01	3.60E+00	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.961	4.33E-01	4.50E+00	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0209	2.74E-01	2.69E+00	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.497	2.77E-01	2.60E+00	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.532	3.70E-01	4.28E+00	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	10.9	3.20E+00	1.90E+01	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	45.6	1.20E+01	1.47E+02	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	71.9	2.21E+01	2.33E+02	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	88.7	2.75E+01	3.56E+02	—	pCi/L	U	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	91.8	2.66E+01	3.18E+02	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Rad	EPA:901.1	Gross gamma	<	79.8	2.32E+01	2.65E+02	—	pCi/L	U	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.83	4.33E+00	1.80E+01	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	37.4	3.01E+01	1.59E+02	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	111	3.20E+01	3.90E+02	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	93.7	3.28E+01	3.61E+02	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12	3.23E+00	3.10E+01	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.12	1.83E+00	1.82E+01	—	pCi/L	U	U, J	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.78	1.75E+00	1.63E+01	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.13	1.63E+00	1.56E+01	—	pCi/L	U	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.35	1.51E+00	1.56E+01	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Rad	EPA:901.1	Neptunium-237	<	0.0977	2.61E+00	2.72E+01	—	pCi/L	U	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.2	3.33E+00	3.10E+01	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.03	2.23E+00	1.93E+01	—	pCi/L	U	U, J	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.6	3.40E+00	2.87E+01	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.442	2.99E+00	3.13E+01	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00668	1.57E-03	2.50E-02	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0161	4.00E-03	4.28E-02	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00503	2.37E-03	2.42E-02	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0141	6.43E-03	7.30E-02	—	pCi/L	U	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	-0.00481	4.10E-03	3.70E-02	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.17E-03	2.60E-02	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0143	2.98E-03	3.81E-02	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.08E-03	2.44E-02	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00899	3.87E-03	6.20E-02	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00167	1.23E-03	2.90E-02	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00802	2.00E-03	5.05E-02	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0101	2.38E-03	2.82E-02	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0176	4.23E-03	6.20E-02	—	pCi/L	U	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.00961	1.97E-03	3.90E-02	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00174	1.00E-03	3.00E-02	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00476	1.59E-03	4.50E-02	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0102	2.68E-03	2.85E-02	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00599	3.16E-03	5.20E-02	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.65	6.00E+00	6.10E+01	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.9	4.37E+00	2.16E+01	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.5	4.70E+00	5.62E+01	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	36.2	6.70E+00	3.37E+01	—	pCi/L	UI	R	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	32.1	5.23E+00	5.59E+01	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.7	6.33E+00	6.60E+01	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	24.2	4.47E+00	2.77E+01	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	30.1	4.27E+00	4.89E+01	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22	4.83E+00	5.22E+01	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.613	5.00E-01	5.00E+00	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0797	2.42E-01	2.40E+00	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.416	3.26E-01	3.51E+00	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.171	3.19E-01	3.51E+00	—	pCi/L	U	U	140638	GF05070GSML01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.288	3.26E-01	3.60E+00	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.278	5.67E-01	5.60E+00	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.342	2.66E-01	2.67E+00	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.86	2.90E-01	3.21E+00	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.04	3.93E-01	4.05E+00	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.309	5.00E-02	4.50E-01	—	pCi/L	U	U	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0825	3.70E-02	4.48E-01	—	pCi/L	U	U	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0705	1.87E-02	2.44E-01	—	pCi/L	U	U	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0622	1.91E-02	2.59E-01	—	pCi/L	U	U	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.186	2.79E-02	2.55E-01	—	pCi/L	U	U	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0374	3.67E-02	3.60E-01	—	pCi/L	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.175	4.83E-02	4.84E-01	—	pCi/L	U	U	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0142	2.01E-02	2.30E-01	—	pCi/L	U	U	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0142	1.77E-02	2.31E-01	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.943946	3.57E-01	3.50E+00	—	pCi/L	U	U	08-2032	CAWR-08-15463	ARSL
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	9.58E-02	2.87E-01	—	pCi/L	—	U	2403	UU070900GSML01	UMTL
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.89404	9.58E-02	2.87E-01	—	pCi/L	—	—	WG-04914-UM	UU060800GSML01	UMTL
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-18.5	1.95E+01	2.02E+02	—	pCi/L	U	U	140638	GU05070GSML01	GELC
La Mesita Spring	08/24/04	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	51.5	1.58E+01	1.52E+02	—	pCi/L	U	U	120020	GU04080GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	6.25	1.30E-01	9.40E-02	—	pCi/L	—	—	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	6.21	1.41E-01	8.19E-02	—	pCi/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.56	9.53E-02	5.02E-02	—	pCi/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	6	1.09E-01	1.06E-01	—	pCi/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	5.83	8.40E-02	6.80E-02	—	pCi/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	6.36	1.43E-01	1.30E-01	—	pCi/L	—	J+	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	6.31	1.51E-01	1.03E-01	—	pCi/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	5.14	1.04E-01	4.18E-02	—	pCi/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	7.22	1.27E-01	9.80E-02	—	pCi/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.232	1.07E-02	4.90E-02	—	pCi/L	—	—	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.35	1.59E-02	6.41E-02	—	pCi/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.416	1.44E-02	4.23E-02	—	pCi/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.538	1.71E-02	6.50E-02	—	pCi/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	—	0.224	8.43E-03	4.40E-02	—	pCi/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.203	1.20E-02	7.00E-02	—	pCi/L	—	J+	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.295	1.59E-02	8.10E-02	—	pCi/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.235	9.20E-03	3.52E-02	—	pCi/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.359	1.28E-02	6.00E-02	—	pCi/L	—	—	140638	GU05070GSML01	GELC
La Mesita Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	4.06	8.67E-02	5.20E-02	—	pCi/L	—	—	08-2029	CAWR-08-15464	GELC
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	4.14	9.73E-02	7.19E-02	—	pCi/L	—	—	194180	GF070900GSML01	GELC
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	3.08	6.63E-02	5.33E-02	—	pCi/L	—	—	171922	GF060800GSML01	GELC
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	4.05	7.70E-02	7.50E-02	—	pCi/L	—	—	140638	GF05070GSML01	GELC
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	3.77	5.70E-02	4.80E-02	—	pCi/L	—	—	120020	GF04080GSML01	GELC
La Mesita Spring	08/24/04	WG	F	DUP	—	Rad	EPA:901.1	Uranium-238	<	125	3.15E+01	1.89E+02	—	pCi/L	U	—	120020	GF04080GSML01	GELC
La Mesita Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	4	9.33E-02	7.40E-02	—	pCi/L	—	J+	08-2029	CAWR-08-15463	GELC
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	3.93	9.87E-02	9.08E-02	—	pCi/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	3.3	6.83E-02	4.44E-02	—	pCi/L	—	—	171922	GU060800GSML01	GELC
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	4.4	8.10E-02	7.00E-02	—	pCi/L	—	—	140638	GU05070GSML01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.2	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	109	—	—	7.25E-01	mg/L	—	—	194654	GF070900PRGF01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.2	—	—	1.45E+00	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	31.9	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.8	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	37.3	—	—	3.00E-02	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.7	—	—	3.60E-02	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	33.2	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.7	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	43.8	—	—	3.00E-02	mg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.5	—	—	3.60E-02	mg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.4	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.33	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.31	—	—	6.60E-02	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.41	—	—	5.30E-02	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.292	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.263	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.332	—	—	3.30E-02	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	3.00E-02	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	104	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	120	—	—	4.25E-01	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	101	—	—	8.50E-02	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	113	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	112	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	145	—	—	4.25E-01	mg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	110	—	—	8.50E-02	mg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.86	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.84	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.62	—	—	8.50E-02	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.32	—	—	8.50E-02	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	7.19	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.78	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.74	—	—	8.50E-02	mg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.36	—	—	8.50E-02	mg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.074	—	—	5.00E-02	µg/L	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0691	—	—	5.00E-02	µg/L	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0664	—	—	5.00E-02	µg/L	J	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.0635	—	—	5.00E-02	µg/L	J	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.22	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.2	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.05	—	—	5.00E-02	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.6	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.43	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.87	—	—	5.00E-02	mg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.13	—	—	5.00E-02	mg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	23.9	—	—	3.20E-02	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	16.8	—	—	3.20E-02	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	40.6	—	—	3.20E-02	mg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15450	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.9	—	—	4.50E-02	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FB	Geninorg	SW-846:6010B	Sodium	—	0.0505	—	—	4.50E-02	mg/L	J	J	09-20	CAWR-08-15451	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.9	—	—	4.50E-02	mg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	272	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	264	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	297	—	—	1.00E+00	µS/cm	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1.00E+00	µS/cm	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	36.7	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	36.6	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	34.5	—	—	1.00E-01	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	38.6	—	—	1.14E-01	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	121	—	—	2.90E+00	mg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	128	—	—	5.20E+00	mg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	163	—	—	4.01E+00	mg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	91.8	—	—	1.80E+00	mg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	171	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	187	—	—	2.38E+00	mg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	311	—	—	2.38E+00	mg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.185	—	—	2.90E-02	mg/L	—	J	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.032	—	—	1.00E-02	mg/L	J	JN-	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.355	—	—	2.90E-02	mg/L	—	J	09-19	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.531	—	—	2.90E-02	mg/L	—	J	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	4.14	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.11	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.39	—	—	3.30E-01	mg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.35	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.44	—	—	1.00E-02	SU	H	J	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	5000	—	—	6.80E+01	µg/L	N	J+	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4600	—	—	6.80E+01	µg/L	N	J+	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	6970	—	—	6.80E+01	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5160	—	—	6.80E+01	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6010B	Barium	—	55.5	—	—	1.00E+00	µg/L	E	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	55.6	—	—	1.00E+00	µg/L	E	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	73.4	—	—	1.00E+00	µg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	63.2	—	—	1.00E+00	µg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6010B	Barium	—	85.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	79.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	152	—	—	1.00E+00	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.8	—	—	1.00E+00	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	—	194654	GF070900PRGF01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	µg/L	U	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	10	—	—	1.00E+00	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Chromium	—	4.1	—	—	1.00E+00	µg/L	J	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6010B	Iron	—	30.5	—	—	2.50E+01	µg/L	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	28.9	—	—	1.80E+01	µg/L	J	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6010B	Iron	—	3400	—	—	2.50E+01	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	3060	—	—	2.50E+01	µg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	4680	—	—	2.50E+01	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	2920	—	—	1.80E+01	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6020	Lead	—	1.7	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	1.6	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	4.8	—	—	5.00E-01	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	2.2	—	—	5.00E-01	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6010B	Manganese	—	3.8	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.5	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	17.9	—	—	2.00E+00	µg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.3	—	—	2.00E+00	µg/L	J	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	75.6	—	—	2.00E+00	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	69.6	—	—	2.00E+00	µg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	188	—	—	2.00E+00	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	89.1	—	—	2.00E+00	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	3.7	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.7	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	8.7	—	—	2.00E+00	µg/L	J	U, J+	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4	—	—	2.00E+00	µg/L	J	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	3.7	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.9	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	8.2	—	—	2.00E+00	µg/L	J	U, J+	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.4	—	—	2.00E+00	µg/L	J	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	µg/L	J	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	µg/L	J	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6020	Nickel	—	3.6	—	—	5.00E-01	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.6	—	—	5.00E-01	µg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.8	—	—	5.00E-01	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3	—	—	5.00E-01	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	19.1	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	19.1	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6010B	Strontium	—	251	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	249	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	297	—	—	1.00E+00	µg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	248	—	—	1.00E+00	µg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	264	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	264	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15447	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	339	—	—	1.00E+00	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	262	—	—	1.00E+00	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Thallium	—	0.77	—	—	3.00E-01	µg/L	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.61	—	—	3.00E-01	µg/L	J	J	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	µg/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	µg/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1.00E+00	µg/L	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	µg/L	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1.00E+00	µg/L	J	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1.00E+00	µg/L	J	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	13.1	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.2	—	—	1.00E+00	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	µg/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	2	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	11.2	—	—	2.00E+00	µg/L	—	—	09-20	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.4	—	—	2.00E+00	µg/L	—	—	09-20	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.7	—	—	2.00E+00	µg/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8.7	—	—	2.00E+00	µg/L	J	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	HASL-300	Americium-241	<	0.00777	4.33E-03	2.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0106	1.80E-03	2.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.0049	2.36E-03	4.17E-02	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00215	1.67E-03	3.54E-02	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00804	1.37E-03	2.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.019	4.00E-03	2.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	1.62E-03	3.58E-02	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0000697	1.31E-04	3.53E-02	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	EPA:901.1	Cesium-137	<	-0.826	4.67E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.675	4.33E-01	4.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.8	4.40E-01	4.88E+00	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.394	2.70E-01	2.79E+00	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-3.22	5.67E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.344	4.00E-01	3.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.59	5.53E-01	5.93E+00	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0543	3.87E-01	4.29E+00	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-1.17	5.33E-01	5.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.75	4.00E-01	4.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.07	3.87E-01	3.86E+00	—	pCi/L	U	U	194654	GF070900PRGF01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.142	3.01E-01	3.26E+00	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.0779	4.67E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.22	5.33E-01	5.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.57	5.07E-01	5.30E+00	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.737	4.20E-01	4.96E+00	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	EPA:901.1	Gross gamma	<	4.99	3.13E+00	1.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.7	5.00E+00	3.90E+01	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	89	3.13E+01	3.12E+02	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	70.7	9.57E+00	2.85E+02	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	22.8	5.67E+00	2.10E+01	—	pCi/L	—	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.2	8.67E+00	1.70E+01	—	pCi/L	—	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	75.5	2.64E+01	3.20E+02	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	94.5	2.36E+01	4.22E+02	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	EPA:901.1	Neptunium-237	<	0.39	3.10E+00	2.90E+01	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.33	2.83E+00	2.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.123	3.53E+00	3.14E+01	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.25	1.35E+00	1.35E+01	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	3.48	3.67E+00	3.50E+01	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.04	3.30E+00	3.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.4	2.28E+00	2.11E+01	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.26	1.81E+00	1.71E+01	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	HASL-300	Plutonium-238	<	0.00735	1.50E-03	2.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0142	1.80E-03	3.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00766	1.81E-03	3.06E-02	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00418	3.12E-03	3.20E-02	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0.00918	1.87E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.77E-03	3.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00214	1.01E-03	3.43E-02	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00559	1.08E-03	2.85E-02	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.011	1.50E-03	3.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0203	2.73E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00191	2.30E-03	3.62E-02	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00418	2.20E-03	3.45E-02	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00688	1.33E-03	3.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00429	1.43E-03	3.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0107	1.89E-03	4.04E-02	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00373	1.52E-03	3.07E-02	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	EPA:901.1	Potassium-40	<	6.74	6.67E+00	7.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.41	7.00E+00	5.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.5	5.67E+00	5.80E+01	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14	5.90E+00	3.27E+01	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	9.01	6.33E+00	4.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	63	6.00E+00	7.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	42	5.47E+00	4.38E+01	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.6	4.47E+00	5.53E+01	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	EPA:901.1	Sodium-22	<	-0.751	4.67E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.131	4.00E-01	4.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.428	3.97E-01	3.77E+00	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.837	3.08E-01	3.13E+00	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-2.38	4.33E-01	3.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.69	4.33E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.865	4.53E-01	4.09E+00	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.418	5.23E-01	4.78E+00	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.161	2.77E-02	2.60E-01	—	pCi/L	U	U	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0879	4.67E-02	5.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.216	3.70E-02	3.50E-01	—	pCi/L	U	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0456	2.90E-02	4.04E-01	—	pCi/L	U	U	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.116	4.67E-02	5.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0024	4.67E-02	5.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0839	3.60E-02	3.83E-01	—	pCi/L	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0466	2.69E-02	3.75E-01	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	LLEE	Tritium	<	7.634463	5.49E-01	3.56E+00	—	pCi/L	—	U	09-29	CAWR-08-15449	ARSL
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	LLEE	Tritium	<	7.270461	5.33E-01	3.53E+00	—	pCi/L	—	U	09-29	CAWR-08-15447	ARSL
Rio Grande at Frijoles	09/26/07	WP	UF	CS	—	Rad	LLEE	Tritium	—	17.5615	1.92E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900PRGF01	UMTL
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:906.0	Tritium	<	21.8	1.96E+01	1.99E+02	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	HASL-300	Uranium-234	—	0.694	1.77E-02	5.80E-02	—	pCi/L	—	—	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.737	1.83E-02	6.00E-02	—	pCi/L	—	—	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	1.38	3.10E-02	4.44E-02	—	pCi/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.803	2.12E-02	8.91E-02	—	pCi/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.703	1.77E-02	5.70E-02	—	pCi/L	—	—	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.886	2.37E-02	9.20E-02	—	pCi/L	—	—	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.82	4.00E-02	4.80E-02	—	pCi/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.931	2.24E-02	7.91E-02	—	pCi/L	—	—	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	HASL-300	Uranium-235/236	—	0.0509	3.67E-03	3.00E-02	—	pCi/L	—	—	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0714	4.33E-03	3.10E-02	—	pCi/L	—	—	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0598	4.40E-03	3.16E-02	—	pCi/L	—	J	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0794	5.80E-03	6.71E-02	—	pCi/L	—	J	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	HASL-300	Uranium-235/236	—	0.064	4.33E-03	3.00E-02	—	pCi/L	—	—	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0937	6.33E-03	4.80E-02	—	pCi/L	—	—	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.091	5.33E-03	3.41E-02	—	pCi/L	—	J	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0513	4.60E-03	5.95E-02	—	pCi/L	U	U	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	FD	Rad	HASL-300	Uranium-238	—	0.429	1.23E-02	3.20E-02	—	pCi/L	—	—	09-21	CAWR-08-15450	GELC
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.462	1.27E-02	3.30E-02	—	pCi/L	—	—	09-21	CAWR-08-15448	GELC
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.989	2.35E-02	3.50E-02	—	pCi/L	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.497	1.54E-02	6.31E-02	—	pCi/L	—	—	146888	GF05090PRGF01	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.505	1.37E-02	3.20E-02	—	pCi/L	—	—	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.525	1.63E-02	5.10E-02	—	pCi/L	—	—	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.19	2.78E-02	3.79E-02	—	pCi/L	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.617	1.68E-02	5.60E-02	—	pCi/L	—	—	146888	GU05090PRGF01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	125	—	—	7.30E-01	mg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	125	—	—	7.30E-01	mg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	132	—	—	7.25E-01	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	152	—	—	7.25E-01	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	110	—	—	1.45E+00	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	126	—	—	1.45E+00	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	153	—	—	7.25E-01	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	34	—	—	3.00E-02	mg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.6	—	—	3.00E-02	mg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	38.1	—	—	3.00E-02	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	41.7	—	—	3.60E-02	mg/L	—	—	171922	GF060800GSDS01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.9	—	—	3.60E-02	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.7	—	—	5.54E-03	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	35.8	—	—	3.00E-02	mg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.1	—	—	3.00E-02	mg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	38.8	—	—	3.00E-02	mg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	42.5	—	—	3.60E-02	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	36	—	—	3.60E-02	mg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.74	—	—	6.60E-02	mg/L	—	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.73	—	—	6.60E-02	mg/L	—	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.94	—	—	6.60E-02	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.6	—	—	6.60E-02	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3	—	—	5.30E-02	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.08	—	—	3.22E-02	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	3.57	—	—	6.60E-02	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.591	—	—	3.30E-02	mg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.588	—	—	3.30E-02	mg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.532	—	—	3.30E-02	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.463	—	—	3.30E-02	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.321	—	—	3.00E-02	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.468	—	—	5.53E-02	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.465	—	—	3.30E-02	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	91	—	—	3.50E-01	mg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	89.8	—	—	3.50E-01	mg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	102	—	—	4.25E-01	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	8.50E-02	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91.5	—	—	2.00E-02	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	99.3	—	—	5.54E-03	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	100	—	—	3.50E-01	mg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	98.8	—	—	3.50E-01	mg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	4.25E-01	mg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	115	—	—	8.50E-02	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.9	—	—	2.00E-02	mg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.5	—	—	8.50E-02	mg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.47	—	—	8.50E-02	mg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.79	—	—	8.50E-02	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.23	—	—	8.50E-02	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.76	—	—	8.50E-02	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.45	—	—	5.18E-03	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.66	—	—	8.50E-02	mg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	8.50E-02	mg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.98	—	—	8.50E-02	mg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.28	—	—	8.50E-02	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.78	—	—	8.50E-02	mg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.0729	—	—	5.00E-02	µg/L	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0594	—	—	5.00E-02	µg/L	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0639	—	—	5.00E-02	µg/L	J	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	171922	GF060800GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.0909	—	—	5.00E-02	µg/L	J	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.122	—	—	5.00E-02	µg/L	J	—	140788	GF05070GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	140788	GF05070GSDS01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	08/24/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	120020	GU04080GSDS01	GELC
Sacred Spring	08/24/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.154	—	—	5.00E-02	µg/L	J	J-	120020	GU04080GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.23	—	—	5.00E-02	mg/L	E	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.2	—	—	5.00E-02	mg/L	E	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.64	—	—	5.00E-02	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.64	—	—	5.00E-02	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.11	—	—	1.65E-02	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.9	—	—	5.00E-02	mg/L	E	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.79	—	—	5.00E-02	mg/L	E	J	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.92	—	—	5.00E-02	mg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	46.5	—	—	3.20E-02	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	46.6	—	—	3.20E-02	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	<	44.8	—	—	3.20E-02	mg/L	—	UJ	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.7	—	—	2.12E-02	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	47.9	—	—	3.20E-02	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	<	43.9	—	—	3.20E-02	mg/L	—	UJ	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	21.4	—	—	4.50E-02	mg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.1	—	—	4.50E-02	mg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.9	—	—	4.50E-02	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.4	—	—	4.50E-02	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.2	—	—	4.50E-02	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.6	—	—	1.44E-02	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	21.2	—	—	4.50E-02	mg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.7	—	—	4.50E-02	mg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.1	—	—	4.50E-02	mg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.5	—	—	4.50E-02	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21	—	—	4.50E-02	mg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	265	—	—	1.00E+00	µS/cm	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	268	—	—	1.00E+00	µS/cm	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	275	—	—	1.00E+00	µS/cm	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	318	—	—	1.00E+00	µS/cm	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	269	—	—	1.00E+00	µS/cm	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	240	—	—	1.00E+00	µS/cm	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	316	—	—	1.00E+00	µS/cm	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	5.06	—	—	1.00E-01	mg/L	—	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.01	—	—	1.00E-01	mg/L	—	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.55	—	—	1.00E-01	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.03	—	—	1.00E-01	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.77	—	—	5.70E-02	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8	—	—	1.93E-01	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.03	—	—	1.00E-01	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	69.1	—	—	1.70E+00	mg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	68.8	—	—	2.30E+00	mg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.6	—	—	2.28E+00	mg/L	J	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	0.713	—	—	7.13E-01	mg/L	U	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.16	—	—	9.42E-01	mg/L	J	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.40E+00	mg/L	—	—	08-2030	CAWR-08-15461	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.40E+00	mg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.38E+00	mg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	225	—	—	2.38E+00	mg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	230	—	—	2.38E+00	mg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.38E+00	mg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	190	—	—	3.07E+00	mg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	1.87	—	—	3.30E-01	mg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.95	—	—	3.30E-01	mg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.26	—	—	3.30E-01	mg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.64	—	—	3.30E-01	mg/L	—	U	171922	GU060800GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.041	—	—	2.40E-02	mg/L	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.042	—	—	2.40E-02	mg/L	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.081	—	—	2.40E-02	mg/L	—	U, J	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.063	—	—	1.00E-02	mg/L	—	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.03	—	—	1.00E-02	mg/L	J	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.032	—	—	1.10E-02	mg/L	J	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.047	—	—	1.00E-02	mg/L	J	U	171922	GU060800GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J-	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	1.00E-02	SU	H	J-	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	1.00E-02	SU	H	J	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.46	—	—	—	SU	H	J	120020	GF04080GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J	171922	GU060800GSDS01	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	14.7	—	—	1.47E+01	µg/L	U	R	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	3780	—	—	6.80E+01	µg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3830	—	—	6.80E+01	µg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	668	—	—	6.80E+01	µg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	118	—	—	6.80E+01	µg/L	J	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	2.1	—	—	1.50E+00	µg/L	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.5	—	—	1.50E+00	µg/L	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.50E+00	µg/L	J	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	—	3.2	—	—	2.24E+00	µg/L	B	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	3	—	—	1.50E+00	µg/L	J	J	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.8	—	—	1.50E+00	µg/L	J	J	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.9	—	—	1.50E+00	µg/L	J	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	84.5	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	82.6	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	86.8	—	—	1.00E+00	µg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	115	—	—	1.00E+00	µg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	99.2	—	—	1.00E+00	µg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	94.6	—	—	2.22E-01	µg/L	—	—	120020	GF04080GSDS01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	103	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.1	—	—	1.00E+00	µg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1.00E+00	µg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.8	—	—	1.00E+00	µg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	30.2	—	—	1.00E+01	µg/L	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	30.1	—	—	1.00E+01	µg/L	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.7	—	—	1.00E+01	µg/L	J	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.4	—	—	1.00E+01	µg/L	J	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	30.6	—	—	1.00E+01	µg/L	J	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.3	—	—	4.88E+00	µg/L	B	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	30.1	—	—	1.00E+01	µg/L	J	J	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	33.6	—	—	1.00E+01	µg/L	J	J	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.3	—	—	1.00E+01	µg/L	J	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	32	—	—	1.00E+01	µg/L	J	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	30	—	—	1.00E+01	µg/L	J	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	2	—	—	1.00E+00	µg/L	J	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	1.5	—	—	5.03E-01	µg/L	B	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.50E+00	µg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.50E+00	µg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	2.2	—	—	1.00E+00	µg/L	J	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	µg/L	U	R	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	µg/L	U	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	µg/L	U	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	1.39	—	—	1.39E+00	µg/L	U	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FB	Metals	SW-846:6010B	Copper	—	3.2	—	—	3.00E+00	µg/L	J	J	08-2030	CAWR-08-15459	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	µg/L	U	R	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	µg/L	U	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	µg/L	U	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	103	—	—	2.50E+01	µg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	98.2	—	—	2.50E+01	µg/L	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	102	—	—	2.50E+01	µg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	71.3	—	—	1.80E+01	µg/L	J	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	37.8	—	—	1.80E+01	µg/L	J	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	36.3	—	—	1.26E+01	µg/L	B	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	2560	—	—	2.50E+01	µg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2560	—	—	2.50E+01	µg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	510	—	—	2.50E+01	µg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	156	—	—	1.80E+01	µg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	58.7	—	—	1.80E+01	µg/L	J	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.05	—	—	5.00E-02	µg/L	U	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6020	Lead	—	1.3	—	—	5.00E-01	µg/L	J	J	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.4	—	—	5.00E-01	µg/L	J	J	08-2030	CAWR-08-15456	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	197	—	—	2.00E+00	µg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	194	—	—	2.00E+00	µg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	191	—	—	2.00E+00	µg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	124	—	—	2.00E+00	µg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	64.6	—	—	2.00E+00	µg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	32.8	—	—	2.96E-01	µg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	266	—	—	2.00E+00	µg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	258	—	—	2.00E+00	µg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	194	—	—	2.00E+00	µg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	132	—	—	2.00E+00	µg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	70.3	—	—	2.00E+00	µg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	47.6	—	—	3.20E-02	mg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.9	—	—	3.20E-02	mg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	417	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	412	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	494	—	—	1.00E+00	µg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	476	—	—	1.00E+00	µg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	477	—	—	1.00E+00	µg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	403	—	—	1.78E-01	µg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	430	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	419	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	509	—	—	1.00E+00	µg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	480	—	—	1.00E+00	µg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	469	—	—	1.00E+00	µg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.046	—	—	2.00E-02	µg/L	B	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.57	—	—	3.00E-01	µg/L	J	J	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.87	—	—	5.00E-02	µg/L	—	—	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.88	—	—	5.00E-02	µg/L	—	—	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	µg/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	µg/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	µg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.3	—	—	2.00E-02	µg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.9	—	—	5.00E-02	µg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.94	—	—	5.00E-02	µg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	µg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	µg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	4.5	—	—	1.00E+00	µg/L	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1.00E+00	µg/L	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.1	—	—	1.00E+00	µg/L	—	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.5	—	—	1.00E+00	µg/L	—	—	171922	GF060800GSDS01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.4	—	—	1.00E+00	µg/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.1	—	—	6.06E-01	µg/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1.00E+00	µg/L	—	—	08-2030	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.4	—	—	1.00E+00	µg/L	—	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1.00E+00	µg/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.1	—	—	1.00E+00	µg/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	HASL-300	Americium-241	<	0.0248	3.33E-03	3.00E-02	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0208	3.67E-03	3.30E-02	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00495	1.04E-03	4.57E-02	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000954	7.20E-04	2.43E-02	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00325	1.32E-03	4.40E-02	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00797	1.89E-03	3.20E-02	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.0143	4.00E-03	2.60E-02	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0257	5.67E-03	2.90E-02	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00803	2.01E-03	4.50E-02	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0237	5.40E-03	3.66E-02	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00699	1.57E-03	5.00E-02	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	EPA:901.1	Cesium-137	<	-1.66	4.67E-01	4.30E+00	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.274	4.33E-01	4.40E+00	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.211	5.20E-01	4.36E+00	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.433	2.57E-01	2.90E+00	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.471	3.73E-01	4.17E+00	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.752	3.25E-01	3.39E+00	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	1.3	4.00E-01	4.20E+00	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0292	4.33E-01	4.30E+00	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.12	4.00E-01	3.43E+00	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.41	3.33E-01	4.00E+00	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.814	4.33E-01	4.86E+00	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.556	4.67E-01	4.40E+00	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.175	4.33E-01	4.10E+00	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.18	4.57E-01	4.66E+00	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.573	2.81E-01	3.33E+00	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.48	3.50E-01	3.40E+00	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.421	3.03E-01	3.33E+00	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	1.93	4.33E-01	4.90E+00	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.437	4.33E-01	3.80E+00	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.01	4.00E-01	3.69E+00	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.04	5.03E-01	4.08E+00	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.19	4.00E-01	4.15E+00	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	EPA:901.1	Gross gamma	<	7.07	2.70E+00	1.10E+01	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.6	8.00E+00	2.40E+01	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	72.5	5.50E+01	3.08E+02	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.2	2.31E+01	2.92E+02	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	102	2.25E+01	3.48E+02	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	73.2	3.60E+00	2.54E+02	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	24.6	6.33E+00	4.10E+01	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.5	4.00E+01	3.20E+01	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	84.3	1.70E+01	2.67E+02	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.9	1.88E+01	2.23E+02	—	pCi/L	U	U	171922	GU060800GSDS01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79	2.25E+01	2.91E+02	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-0.44	2.90E+00	2.90E+01	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.137	2.20E+00	1.90E+01	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.6	1.92E+00	1.80E+01	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.21	2.03E+00	1.90E+01	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.33	3.16E+00	3.34E+01	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.7	3.90E+00	2.62E+01	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	6.17	2.77E+00	2.90E+01	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.4	3.20E+00	2.80E+01	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.5	2.83E+00	2.27E+01	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.38	2.64E+00	2.77E+01	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.4	1.76E+00	1.62E+01	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00874	3.27E-03	3.30E-02	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00162	5.33E-04	2.50E-02	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00228	3.97E-03	3.65E-02	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00659	5.83E-03	2.11E-02	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	7.12E-10	2.44E-03	6.20E-02	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	-0.0127	4.37E-03	3.30E-02	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00204	2.03E-03	3.10E-02	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00528	1.57E-03	2.70E-02	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0068	2.51E-03	3.63E-02	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0165	4.63E-03	2.26E-02	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00742	9.07E-03	7.70E-02	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.0131	3.10E-03	3.80E-02	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00487	1.20E-03	2.80E-02	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00228	3.13E-03	4.31E-02	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0132	2.75E-03	2.46E-02	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.78E-10	1.41E-03	5.20E-02	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.00212	1.22E-03	3.40E-02	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00408	9.67E-04	3.50E-02	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00703	1.17E-03	3.00E-02	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00453	2.83E-03	4.28E-02	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00705	3.03E-03	2.63E-02	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	8.84E-10	3.50E-03	6.50E-02	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	EPA:901.1	Potassium-40	<	-8.08	6.33E+00	6.20E+01	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	13	5.00E+00	5.30E+01	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	27.7	6.97E+00	3.79E+01	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.7	4.90E+00	2.81E+01	—	pCi/L	UI	R	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.5	4.57E+00	5.30E+01	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	41.4	4.10E+00	5.24E+01	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	14	7.00E+00	4.60E+01	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.9	5.00E+00	4.70E+01	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.18	4.43E+00	4.35E+01	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	24.8	5.13E+00	6.13E+01	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.9	4.07E+00	4.94E+01	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	EPA:901.1	Sodium-22	<	-1.53	5.00E-01	4.50E+00	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.36	4.33E-01	4.60E+00	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.41	3.73E-01	4.00E+00	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.407	2.53E-01	3.02E+00	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.03	3.40E-01	3.80E+00	—	pCi/L	U	U	140788	GF05070GSDS01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	08/24/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.02	3.25E-01	3.40E+00	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	2.92	4.33E-01	5.00E+00	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.799	3.67E-01	3.70E+00	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.662	3.32E-01	3.45E+00	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.03	3.40E-01	3.57E+00	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.84	3.93E-01	5.08E+00	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.0817	3.67E-02	3.80E-01	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0946	3.33E-02	3.50E-01	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0306	2.98E-02	3.24E-01	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.133	2.77E-02	2.76E-01	—	pCi/L	U	U	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0434	1.32E-02	1.62E-01	—	pCi/L	U	U	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.145	2.79E-02	2.61E-01	—	pCi/L	U	U	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.114	3.67E-02	3.80E-01	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0674	3.67E-02	3.80E-01	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00204	2.79E-02	3.16E-01	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0223	1.94E-02	2.33E-01	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0299	1.67E-02	2.00E-01	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.450213	3.34E-01	3.43E+00	—	pCi/L	U	U	08-2032	CAWR-08-15462	ARSL
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.436259	3.47E-01	3.46E+00	—	pCi/L	U	U	08-2032	CAWR-08-15456	ARSL
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.98983	9.58E-02	2.87E-01	—	pCi/L	—	—	2403	UU070900GSDS01	UMTL
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	11.43094	1.28E-01	2.87E-01	—	pCi/L	—	—	WG-04915-UM	UU060800GSDS01	UMTL
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	38.6	1.94E+01	1.96E+02	—	pCi/L	U	U	140788	GU05070GSDS01	GELC
Sacred Spring	08/24/04	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	5.2	1.54E+01	1.51E+02	—	pCi/L	U	U	120020	GU04080GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	HASL-300	Uranium-234	—	0.552	1.70E-02	9.40E-02	—	pCi/L	—	—	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.562	1.70E-02	9.00E-02	—	pCi/L	—	—	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.85	2.76E-02	8.77E-02	—	pCi/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.95	2.43E-02	4.86E-02	—	pCi/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.15	2.81E-02	1.03E-01	—	pCi/L	—	—	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	1.37	2.44E-02	6.10E-02	—	pCi/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.532	1.53E-02	7.40E-02	—	pCi/L	—	—	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.657	1.90E-02	8.90E-02	—	pCi/L	—	—	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.843	2.81E-02	9.49E-02	—	pCi/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.09	3.67E-02	1.19E-01	—	pCi/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.17	2.89E-02	1.07E-01	—	pCi/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00662	2.20E-03	4.90E-02	—	pCi/L	U	U	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0127	3.00E-03	4.70E-02	—	pCi/L	U	U	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0298	5.10E-03	6.87E-02	—	pCi/L	U	U	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0489	4.07E-03	4.10E-02	—	pCi/L	—	J	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0714	5.80E-03	6.30E-02	—	pCi/L	—	J	140788	GF05070GSDS01	GELC
Sacred Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	—	0.0444	3.28E-03	3.90E-02	—	pCi/L	—	J	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0233	2.63E-03	3.80E-02	—	pCi/L	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0219	3.67E-03	4.60E-02	—	pCi/L	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.05	6.07E-03	7.44E-02	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0772	8.63E-03	1.00E-01	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0703	6.10E-03	6.50E-02	—	pCi/L	—	J	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	F	CS	FD	Rad	HASL-300	Uranium-238	—	0.359	1.27E-02	5.20E-02	—	pCi/L	—	—	08-2029	CAWR-08-15461	GELC
Sacred Spring	09/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.344	1.20E-02	5.00E-02	—	pCi/L	—	—	08-2029	CAWR-08-15460	GELC
Sacred Spring	09/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.597	2.18E-02	7.70E-02	—	pCi/L	—	—	194213	GF070900GSDS01	GELC
Sacred Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.561	1.63E-02	5.17E-02	—	pCi/L	—	—	171922	GF060800GSDS01	GELC
Sacred Spring	07/13/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.641	1.90E-02	7.30E-02	—	pCi/L	—	—	140788	GF05070GSDS01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	08/24/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.709	1.54E-02	4.30E-02	—	pCi/L	—	—	120020	GF04080GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.337	1.10E-02	4.10E-02	—	pCi/L	—	—	08-2029	CAWR-08-15462	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.321	1.13E-02	4.90E-02	—	pCi/L	—	—	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.533	2.06E-02	8.34E-02	—	pCi/L	—	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.67	2.57E-02	1.26E-01	—	pCi/L	—	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.571	1.76E-02	7.60E-02	—	pCi/L	—	—	140788	GU05070GSDS01	GELC
Sacred Spring	09/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.261	—	—	2.50E-01	µg/L	J	J	08-2029	CAWR-08-15456	GELC
Sacred Spring	09/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.602	—	—	2.50E-01	µg/L	J	—	194213	GU070900GSDS01	GELC
Sacred Spring	09/14/06	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	µg/L	U	—	171922	GU060800GSDS01	GELC
Sacred Spring	07/13/05	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	—	µg/L	U	—	140788	GU05070GSDS01	GELC
Sacred Spring	08/24/04	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	—	µg/L	U	—	120020	GU04080GSDS01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90	—	—	7.30E-01	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89.9	—	—	7.25E-01	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93	—	—	7.25E-01	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.1	—	—	1.45E+00	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	99.7	—	—	1.45E+00	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.9	—	—	7.25E-01	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	3.00E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.6	—	—	3.00E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.2	—	—	3.60E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	3.60E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.4	—	—	5.54E-03	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.5	—	—	3.00E-02	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.8	—	—	3.00E-02	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	3.60E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	3.60E-02	mg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.2	—	—	6.60E-02	mg/L	—	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.23	—	—	6.60E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.18	—	—	6.60E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.31	—	—	5.30E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.3	—	—	3.22E-02	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	3.14	—	—	6.60E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.554	—	—	3.30E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.527	—	—	3.30E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.507	—	—	3.30E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.578	—	—	3.00E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.472	—	—	5.53E-02	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.513	—	—	3.30E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.2	—	—	3.50E-01	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74	—	—	4.25E-01	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.9	—	—	8.50E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.1	—	—	8.50E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.1	—	—	5.54E-03	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.7	—	—	3.50E-01	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.7	—	—	4.25E-01	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.3	—	—	8.50E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.6	—	—	8.50E-02	mg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.79	—	—	8.50E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.84	—	—	8.50E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.82	—	—	8.50E-02	mg/L	—	—	171922	GF060900GSSW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.75	—	—	8.50E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.86	—	—	5.18E-03	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.86	—	—	8.50E-02	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.77	—	—	8.50E-02	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.78	—	—	8.50E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.74	—	—	8.50E-02	mg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.478	—	—	5.00E-02	mg/L	—	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.31	—	—	1.00E-02	mg/L	—	J+	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.208	—	—	1.40E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.173	—	—	1.70E-02	mg/L	—	J-	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.351	—	—	3.00E-03	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.209	—	—	1.40E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.38	—	—	5.00E-02	µg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.365	—	—	5.00E-02	µg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.331	—	—	5.00E-02	µg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	145191	GF05090GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.317	—	—	5.00E-02	µg/L	H	J, J-	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	129709	GU05010GSSW01	GELC
Sandia Spring	01/28/05	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.451	—	—	5.00E-02	µg/L	—	—	129709	GU05010GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	E	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	5.00E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.5	—	—	5.00E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	1.65E-02	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.51	—	—	5.00E-02	mg/L	E	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.43	—	—	5.00E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	5.00E-02	mg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	49.3	—	—	3.20E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	48	—	—	3.20E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	44.6	—	—	3.20E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	45.1	—	—	2.12E-02	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	47.1	—	—	3.20E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	45.5	—	—	3.20E-02	mg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	4.50E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	4.50E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	4.50E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	1.44E-02	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	4.50E-02	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	4.50E-02	mg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	µS/cm	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	µS/cm	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	µS/cm	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	192	—	—	1.00E+00	µS/cm	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	210	—	—	1.00E+00	µS/cm	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	µS/cm	—	—	171922	GU060900GSSW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.19	—	—	1.00E-01	mg/L	—	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.04	—	—	1.00E-01	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.74	—	—	1.00E-01	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.35	—	—	5.70E-02	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.26	—	—	1.93E-01	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.78	—	—	1.00E-01	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.38E+00	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.38E+00	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.38E+00	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.38E+00	mg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	3.07E+00	mg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.31	—	—	3.30E-01	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.65	—	—	3.30E-01	mg/L	J	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.22	—	—	3.30E-01	mg/L	—	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.041	—	—	2.40E-02	mg/L	J	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.03	—	—	2.40E-02	mg/L	J	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.051	—	—	1.00E-02	mg/L	—	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.051	—	—	1.00E-02	mg/L	—	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011	—	—	1.10E-02	mg/L	U	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.029	—	—	1.00E-02	mg/L	J	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	1.00E-02	SU	H	J-	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	1.00E-02	SU	H	J	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.61	—	—	—	SU	H	J	129709	GF05010GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.4	—	—	1.00E-02	SU	H	J	171922	GU060900GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.50E+00	µg/L	J	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	4.1	—	—	1.50E+00	µg/L	J	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	µg/L	U	UJ	129709	GF05010GSSW01	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5.6	—	—	1.50E+00	µg/L	—	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	69.7	—	—	1.00E+00	µg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	81.5	—	—	1.00E+00	µg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	75.5	—	—	1.00E+00	µg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	75.8	—	—	1.00E+00	µg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	73	—	—	2.22E-01	µg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	72.2	—	—	1.00E+00	µg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	78.2	—	—	1.00E+00	µg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	74	—	—	1.00E+00	µg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	75.3	—	—	1.00E+00	µg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24	—	—	1.00E+01	µg/L	J	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17	—	—	1.00E+01	µg/L	J	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.5	—	—	1.00E+01	µg/L	J	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.1	—	—	1.00E+01	µg/L	J	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	4.88E+00	µg/L	J	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.3	—	—	1.00E+01	µg/L	J	J	08-2023	CAWR-08-15466	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	13.6	—	—	1.00E+01	µg/L	J	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	1.00E+01	µg/L	J	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.3	—	—	1.00E+01	µg/L	J	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.50E+00	µg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.00E+00	µg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1	—	—	1.00E+00	µg/L	J	JN-	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3	—	—	1.00E+00	µg/L	J	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	2.7	—	—	5.03E-01	µg/L	J	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	1.50E+00	µg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	1.00E+00	µg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	2.9	—	—	1.00E+00	µg/L	J	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	28.2	—	—	2.50E+01	µg/L	J	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	36.1	—	—	1.80E+01	µg/L	J	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	14.4	—	—	1.26E+01	µg/L	J	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	33.8	—	—	2.50E+01	µg/L	J	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	31	—	—	2.50E+01	µg/L	J	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	21.9	—	—	1.80E+01	µg/L	J	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	39.6	—	—	1.80E+01	µg/L	J	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.6	—	—	2.00E+00	µg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.6	—	—	2.00E+00	µg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.3	—	—	2.00E+00	µg/L	—	J+	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.7	—	—	2.00E+00	µg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	1.5	—	—	2.96E-01	µg/L	J	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.5	—	—	2.00E+00	µg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.4	—	—	2.00E+00	µg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.5	—	—	2.00E+00	µg/L	—	J+	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.2	—	—	2.00E+00	µg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.95	—	—	1.00E-01	µg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2.00E+00	µg/L	J	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.5	—	—	1.43E+00	µg/L	J	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.93	—	—	1.00E-01	µg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	µg/L	J	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	µg/L	J	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.63	—	—	5.00E-01	µg/L	J	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.71	—	—	5.00E-01	µg/L	J	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	6.90E-01	µg/L	U	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	µg/L	J	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	µg/L	J	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.54	—	—	5.00E-01	µg/L	J	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	µg/L	J	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.9	—	—	3.20E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	298	—	—	1.00E+00	µg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	332	—	—	1.00E+00	µg/L	—	—	194180	GF070900GSSW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	319	—	—	1.00E+00	µg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	318	—	—	1.00E+00	µg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	319	—	—	1.78E-01	µg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	309	—	—	1.00E+00	µg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	321	—	—	1.00E+00	µg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	311	—	—	1.00E+00	µg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	316	—	—	1.00E+00	µg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.6	—	—	4.00E-01	µg/L	J	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.29	—	—	2.00E-02	µg/L	J	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.53	—	—	3.00E-01	µg/L	J	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	J+	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	µg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	09/13/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	2.00E-02	µg/L	—	—	121435	GF04090GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	µg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	J+	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	µg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.3	—	—	1.00E+00	µg/L	—	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.5	—	—	1.00E+00	µg/L	—	J, J+	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1.00E+00	µg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.2	—	—	1.00E+00	µg/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.1	—	—	6.06E-01	µg/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.9	—	—	1.00E+00	µg/L	—	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.5	—	—	1.00E+00	µg/L	—	J+	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	µg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	µg/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0127	4.00E-03	2.80E-02	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00166	1.91E-03	4.57E-02	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00527	4.03E-03	2.43E-02	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0109	2.43E-03	3.46E-02	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00915	2.52E-03	2.90E-02	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00107	3.67E-03	2.60E-02	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0169	2.90E-03	4.53E-02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00105	2.40E-03	3.00E-02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.022	2.92E-03	3.04E-02	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.44	4.67E-01	4.80E+00	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.03	2.40E-01	2.60E+00	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.56	4.70E-01	5.04E+00	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.859	3.57E-01	4.09E+00	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.534	5.63E-01	5.14E+00	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.64	4.33E-01	4.60E+00	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.2	2.53E-01	1.88E+00	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.242	3.77E-01	4.03E+00	—	pCi/L	U	U	171922	GU060900GSSW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.07	4.50E-01	5.14E+00	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.36	5.33E-01	4.70E+00	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.746	2.91E-01	2.36E+00	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.94	4.90E-01	5.36E+00	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.522	3.67E-01	4.30E+00	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.929	4.43E-01	5.04E+00	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.826	5.00E-01	5.20E+00	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.461	2.22E-01	1.85E+00	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.67	3.97E-01	3.93E+00	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.803	4.63E-01	5.12E+00	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	9.42	2.60E+00	1.90E+01	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	48.2	1.24E+01	1.38E+02	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	134	4.10E+01	4.89E+02	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	72	1.93E+01	2.29E+02	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	369	7.73E+01	6.17E+02	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.2	6.33E+00	2.10E+01	—	pCi/L	—	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	61.6	1.68E+01	1.51E+02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68	2.55E+01	1.87E+02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	90.1	3.17E+01	3.28E+02	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.04	2.90E+00	2.90E+01	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.1	2.46E+00	2.02E+01	—	pCi/L	U	J, U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.54	1.78E+00	1.88E+01	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.42	2.20E+00	2.26E+01	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.6	4.63E+00	3.77E+01	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.26	3.67E+00	3.20E+01	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.02	1.56E+00	1.33E+01	—	pCi/L	U	U, J	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.23	2.93E+00	3.23E+01	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.76	1.68E+00	1.66E+01	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00291	1.67E-03	4.40E-02	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00234	3.22E-03	3.74E-02	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00239	4.30E-03	2.30E-02	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0195	3.47E-03	4.49E-02	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0104	2.09E-03	3.20E-02	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00191	1.10E-03	2.90E-02	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00221	2.85E-03	3.53E-02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00993	4.27E-03	3.18E-02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.2E-10	9.50E-04	4.18E-02	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00582	1.67E-03	5.00E-02	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00234	1.74E-03	4.42E-02	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00478	2.25E-03	2.67E-02	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00216	1.91E-03	3.79E-02	—	pCi/L	U	U, JN-	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00626	1.21E-03	3.30E-02	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00191	1.43E-03	3.30E-02	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00661	2.44E-03	4.17E-02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0265	4.13E-03	3.71E-02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0342	2.81E-03	3.53E-02	—	pCi/L	U	JN-, U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.45	5.33E+00	5.30E+01	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.7	4.60E+00	3.43E+01	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.1	4.63E+00	5.76E+01	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.65	5.10E+00	5.06E+01	—	pCi/L	U	U	145191	GF05090GSSW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	01/28/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	30.3	6.00E+00	6.19E+01	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.6	5.67E+00	6.00E+01	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.77	2.91E+00	2.62E+01	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.3	6.07E+00	2.20E+01	—	pCi/L	UI	R	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	48.1	5.43E+00	7.05E+01	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.511	5.00E-01	4.70E+00	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0994	2.32E-01	2.25E+00	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.308	4.37E-01	4.94E+00	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.944	4.07E-01	4.28E+00	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.12	4.73E-01	5.33E+00	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.38	5.33E-01	5.60E+00	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.748	1.97E-01	1.78E+00	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.447	3.90E-01	4.58E+00	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.336	4.23E-01	4.56E+00	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.277	4.67E-02	4.30E-01	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0224	3.97E-02	4.49E-01	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00037	1.71E-02	2.02E-01	—	pCi/L	U	U	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0603	1.90E-02	2.41E-01	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0441	1.82E-02	2.28E-01	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0802	3.67E-02	3.70E-01	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.201	4.37E-02	4.32E-01	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0456	2.67E-02	2.91E-01	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0158	2.47E-02	3.34E-01	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.602295	3.48E-01	3.45E+00	—	pCi/L	U	U	08-2032	CAWR-08-15466	ARSL
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.3193	9.58E-02	2.87E-01	—	pCi/L	—	U	2403	UU070900GSSW01	UMTL
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	9.58E-02	2.87E-01	—	pCi/L	—	U	WG-05223-UM	UU060900GSSW01	UMTL
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	122	2.25E+01	2.21E+02	—	pCi/L	U	J, U	145191	GU05090GSSW01	GELC
Sandia Spring	01/28/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-2.5	1.89E+01	1.86E+02	—	pCi/L	U	U	129709	GU05010GSSW01	GELC
Sandia Spring	01/28/05	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.28737	9.58E-02	—	2.87E-01	pCi/L	—	U	2006	UU05010GSSW01	UMTL
Sandia Spring	09/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.689	1.93E-02	8.40E-02	—	pCi/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.67	2.31E-02	8.63E-02	—	pCi/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.6	1.58E-02	3.78E-02	—	pCi/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.763	1.81E-02	6.43E-02	—	pCi/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.99	2.37E-02	7.30E-02	—	pCi/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.784	2.17E-02	9.00E-02	—	pCi/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.631	2.15E-02	7.73E-02	—	pCi/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.623	1.78E-02	4.72E-02	—	pCi/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.703	1.75E-02	6.92E-02	—	pCi/L	—	—	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0327	3.67E-03	4.40E-02	—	pCi/L	U	U	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0454	5.93E-03	6.76E-02	—	pCi/L	U	U	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0448	3.43E-03	3.19E-02	—	pCi/L	—	J	171922	GF060900GSSW01	GELC
Sandia Spring	09/08/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0391	3.63E-03	4.84E-02	—	pCi/L	U	U	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0306	3.83E-03	4.70E-02	—	pCi/L	U	U	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0189	3.67E-03	4.70E-02	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0479	5.13E-03	6.05E-02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.028	3.53E-03	3.99E-02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0589	4.93E-03	5.21E-02	—	pCi/L	—	J	145191	GU05090GSSW01	GELC
Sandia Spring	09/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.372	1.23E-02	4.70E-02	—	pCi/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	09/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.383	1.60E-02	7.57E-02	—	pCi/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	09/14/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.392	1.15E-02	4.02E-02	—	pCi/L	—	—	171922	GF060900GSSW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	09/08/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.335	1.04E-02	4.55E-02	—	pCi/L	—	—	145191	GF05090GSSW01	GELC
Sandia Spring	01/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.634	1.67E-02	5.20E-02	—	pCi/L	—	—	129709	GF05010GSSW01	GELC
Sandia Spring	09/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.378	1.30E-02	5.00E-02	—	pCi/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.414	1.62E-02	6.78E-02	—	pCi/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	09/14/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.36	1.20E-02	5.02E-02	—	pCi/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	09/08/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.349	1.11E-02	4.90E-02	—	pCi/L	—	—	145191	GU05090GSSW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.7	—	—	7.30E-01	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	100	—	—	7.25E-01	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	96.1	—	—	7.25E-01	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.2	—	—	1.45E+00	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.1	—	—	1.45E+00	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	95.6	—	—	7.25E-01	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.037	—	—	3.00E-02	mg/L	J	J-	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.04	—	—	4.00E-02	mg/L	U	R, UJ	146657	GF05090G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	172166	GU060900G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	3.00E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	3.00E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.5	—	—	3.60E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	3.60E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.54E-03	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	5.54E-03	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	3.00E-02	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	3.60E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	3.60E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.99	—	—	6.60E-02	mg/L	—	J	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.05	—	—	6.60E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.91	—	—	6.60E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.23	—	—	5.30E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.97	—	—	3.22E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	EPA:300.0	Chloride	—	2.95	—	—	3.22E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.83	—	—	6.60E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.548	—	—	3.30E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.501	—	—	3.30E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.521	—	—	3.30E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.552	—	—	3.00E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.529	—	—	5.53E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	EPA:300.0	Fluoride	—	0.519	—	—	5.53E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.497	—	—	3.30E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	3.50E-01	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.1	—	—	4.25E-01	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40	—	—	8.50E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	8.50E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	47.1	—	—	5.54E-03	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.2	—	—	3.50E-01	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69.4	—	—	4.25E-01	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	8.50E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.9	—	—	8.50E-02	mg/L	—	—	146657	GU05090G1SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.947	—	—	8.50E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.28	—	—	8.50E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.912	—	—	8.50E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.06	—	—	8.50E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.12	—	—	5.18E-03	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Magnesium	—	1.06	—	—	5.18E-03	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.01	—	—	8.50E-02	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.07	—	—	8.50E-02	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.04	—	—	8.50E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.55	—	—	8.50E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.311	—	—	5.00E-02	µg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.299	—	—	5.00E-02	µg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.309	—	—	5.00E-02	µg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.275	—	—	5.00E-02	µg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	121435	GU04090G1SW01	GELC
Spring 1	09/13/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.288	—	—	5.00E-02	µg/L	—	—	121435	GU04090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	5.00E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	5.00E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	5.00E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	5.00E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.15	—	—	1.65E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Potassium	—	2.08	—	—	1.65E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.47	—	—	5.00E-02	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	5.00E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	32.1	—	—	3.20E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	31.2	—	—	3.20E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	31.6	—	—	3.20E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	32.8	—	—	2.12E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	30.6	—	—	2.12E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	33.4	—	—	3.20E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41.3	—	—	3.20E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.9	—	—	4.50E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.4	—	—	4.50E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.6	—	—	4.50E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.6	—	—	4.50E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.9	—	—	1.44E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Sodium	—	31.5	—	—	1.44E-02	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.1	—	—	4.50E-02	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.3	—	—	4.50E-02	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.2	—	—	4.50E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	31.1	—	—	4.50E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	218	—	—	1.00E+00	µS/cm	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	216	—	—	1.00E+00	µS/cm	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	µS/cm	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	µS/cm	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	213	—	—	1.00E+00	µS/cm	—	—	121435	GF04090G1SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	µS/cm	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.68	—	—	1.00E-01	mg/L	—	J	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.37	—	—	1.00E-01	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.22	—	—	1.00E-01	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.8	—	—	5.70E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.32	—	—	1.93E-01	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	EPA:300.0	Sulfate	—	6.28	—	—	1.93E-01	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.06	—	—	1.00E-01	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8.8	—	—	1.10E+00	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	145	—	—	4.38E+00	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6.5	—	—	2.85E+00	mg/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	38.7	—	—	2.48E+00	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/26/05	WG	UF	RE	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	43.5	—	—	2.48E+00	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	11/06/02	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	45.3	—	—	7.79E-01	mg/L	—	—	70273	GU02100G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.38E+00	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.38E+00	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.38E+00	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.38E+00	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	3.07E+00	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	3.07E+00	mg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.883	—	—	3.30E-01	mg/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.05	—	—	3.30E-01	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.586	—	—	3.30E-01	mg/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.107	—	—	2.40E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.024	—	—	2.40E-02	mg/L	J	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.042	—	—	1.00E-02	mg/L	J	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.1	—	—	1.00E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011	—	—	1.10E-02	mg/L	U	R	121435	GF04090G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.043	—	—	1.00E-02	mg/L	J	U	172166	GU060900G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.24	—	—	1.00E-02	SU	H	J	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.44	—	—	1.00E-02	SU	H	J	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	—	SU	H	J	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	—	SU	H	—	121435	GF04090G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J	172166	GU060900G1SW01	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	47.9	—	—	1.47E+01	µg/L	J	J-	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Aluminum	—	25.1	—	—	1.47E+01	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	98.8	—	—	6.80E+01	µg/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	8810	—	—	6.80E+01	µg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	307	—	—	6.80E+01	µg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1640	—	—	6.80E+01	µg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	µg/L	J	J	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.6	—	—	1.50E+00	µg/L	J	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	146657	GF05090G1SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	3.6	—	—	2.24E+00	µg/L	J	U	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	µg/L	U	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.7	—	—	1.50E+00	µg/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.9	—	—	1.50E+00	µg/L	J	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.1	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.9	—	—	1.00E+00	µg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.9	—	—	1.00E+00	µg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29	—	—	1.00E+00	µg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.9	—	—	2.22E-01	µg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	2.22E-01	µg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.8	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	105	—	—	1.00E+00	µg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.7	—	—	1.00E+00	µg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43	—	—	1.00E+00	µg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	39.7	—	—	1.00E+01	µg/L	J	J	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	40.8	—	—	1.00E+01	µg/L	J	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	38.2	—	—	1.00E+01	µg/L	J	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	39.3	—	—	1.00E+01	µg/L	J	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	39.6	—	—	4.88E+00	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Boron	—	34.9	—	—	4.88E+00	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.8	—	—	1.00E+01	µg/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	43.2	—	—	1.00E+01	µg/L	J	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.4	—	—	1.00E+01	µg/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	39.8	—	—	1.00E+01	µg/L	J	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.9	—	—	1.50E+00	µg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	7.4	—	—	1.00E+00	µg/L	—	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.3	—	—	1.00E+00	µg/L	—	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	4.6	—	—	1.00E+00	µg/L	J	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	4.9	—	—	5.03E-01	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Chromium	—	3.9	—	—	5.03E-01	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.7	—	—	1.50E+00	µg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7.6	—	—	1.00E+00	µg/L	—	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.7	—	—	1.00E+00	µg/L	—	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	7.5	—	—	1.00E+00	µg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	34.8	—	—	2.50E+01	µg/L	J	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	25.3	—	—	1.80E+01	µg/L	J	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	40.8	—	—	1.26E+01	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Iron	—	26.6	—	—	1.26E+01	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	57.4	—	—	2.50E+01	µg/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	5810	—	—	2.50E+01	µg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	728	—	—	1.80E+01	µg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1270	—	—	1.80E+01	µg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.2	—	—	2.00E+00	µg/L	J	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1.9	—	—	2.96E-01	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Manganese	—	1.62	—	—	2.96E-01	µg/L	J	—	121435	GF04090G1SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2.00E+00	µg/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	104	—	—	2.00E+00	µg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.1	—	—	2.00E+00	µg/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.2	—	—	2.00E+00	µg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.5	—	—	1.00E-01	µg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.8	—	—	2.00E+00	µg/L	J	U, J+	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	µg/L	J	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	µg/L	J	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.8	—	—	1.43E+00	µg/L	J	U	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Molybdenum	—	3.26	—	—	1.43E+00	µg/L	J	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.4	—	—	1.00E-01	µg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.1	—	—	2.00E+00	µg/L	J	J+, U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2.00E+00	µg/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	µg/L	J	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.1	—	—	3.20E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	193	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	203	—	—	1.00E+00	µg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	187	—	—	1.00E+00	µg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	195	—	—	1.00E+00	µg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	202	—	—	1.78E-01	µg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Strontium	—	194	—	—	1.78E-01	µg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	188	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	254	—	—	1.00E+00	µg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	190	—	—	1.00E+00	µg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	208	—	—	1.00E+00	µg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.52	—	—	3.00E-01	µg/L	J	J	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.43	—	—	3.00E-01	µg/L	J	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1.4	—	—	4.00E-01	µg/L	—	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.71	—	—	4.00E-01	µg/L	J	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.02	—	—	2.00E-02	µg/L	U	UJ	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6020	Thallium	<	0.02	—	—	2.00E-02	µg/L	U	—	121197	GF04090G1SW01	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.51	—	—	4.00E-01	µg/L	J	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.2	—	—	5.00E-02	µg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.6	—	—	5.00E-02	µg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.3	—	—	5.00E-02	µg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	µg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.2	—	—	2.00E-02	µg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6020	Uranium	—	2.19	—	—	2.00E-02	µg/L	—	—	121197	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.3	—	—	5.00E-02	µg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.6	—	—	5.00E-02	µg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.3	—	—	5.00E-02	µg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	µg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	16.5	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	17.5	—	—	1.00E+00	µg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.6	—	—	1.00E+00	µg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15	—	—	1.00E+00	µg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	16.7	—	—	6.06E-01	µg/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Metals	SW-846:6010B	Vanadium	—	15.8	—	—	6.06E-01	µg/L	—	—	121435	GF04090G1SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.8	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	33.2	—	—	1.00E+00	µg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.8	—	—	1.00E+00	µg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	20.3	—	—	1.00E+00	µg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00711	2.67E-03	2.00E-02	—	pCi/L	U	UJ	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.0888	5.83E-03	4.15E-02	—	pCi/L	—	J	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00498	1.99E-03	2.75E-02	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.011	1.62E-03	3.44E-02	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00534	1.57E-03	2.80E-02	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00752	3.27E-03	2.70E-02	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0212	4.80E-03	4.20E-02	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00164	1.34E-03	2.04E-02	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00325	2.43E-03	3.12E-02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.636	4.00E-01	3.90E+00	—	pCi/L	U	U	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.125	4.60E-01	2.78E+00	—	pCi/L	U	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.564	3.83E-01	4.03E+00	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.75	2.66E-01	2.92E+00	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.278	3.08E-01	3.45E+00	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Rad	EPA:901.1	Cesium-137	<	-0.795	3.26E-01	3.40E+00	—	pCi/L	U	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.85	4.33E-01	4.90E+00	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0996	2.03E-01	2.01E+00	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.484	3.47E-01	3.68E+00	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.00835	2.32E-01	2.49E+00	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.574	4.67E-01	3.80E+00	—	pCi/L	U	U	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.318	2.98E-01	2.93E+00	—	pCi/L	U	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.71	3.80E-01	4.12E+00	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.928	2.46E-01	2.69E+00	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.55	4.27E-01	5.46E+00	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Rad	EPA:901.1	Cobalt-60	<	1.08	3.93E-01	4.66E+00	—	pCi/L	U	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.27	4.33E-01	3.80E+00	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.02	2.32E-01	2.46E+00	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.93	3.93E-01	5.04E+00	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.146	2.46E-01	2.77E+00	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	14.1	2.83E+00	1.30E+01	—	pCi/L	—	U	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.3	3.77E+01	1.90E+02	—	pCi/L	U	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	85	2.80E+01	2.19E+02	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	79	—	1.72E+02	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	67.9	2.25E+01	2.01E+02	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Rad	EPA:901.1	Gross gamma	<	83.5	3.50E+01	2.84E+02	—	pCi/L	U	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	27.2	7.00E+00	4.20E+01	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.2	1.33E+01	1.51E+02	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64	2.22E+01	2.52E+02	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	84	—	3.08E+02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.5	3.33E+00	3.30E+01	—	pCi/L	U	U	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.75	1.23E+00	1.17E+01	—	pCi/L	U	J, U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.55	2.97E+00	3.17E+01	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.5	1.99E+00	1.92E+01	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.1	2.25E+00	2.44E+01	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Rad	EPA:901.1	Neptunium-237	<	-8.2	3.00E+00	2.82E+01	—	pCi/L	U	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.9	3.10E+00	2.70E+01	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.82	1.89E+00	1.45E+01	—	pCi/L	U	U, J	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.17	3.13E+00	2.95E+01	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.39	2.19E+00	2.17E+01	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00129	4.33E-04	2.00E-02	—	pCi/L	U	UJ	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00343	2.14E-03	2.75E-02	—	pCi/L	U	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00446	1.05E-03	2.14E-02	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0183	3.80E-03	5.43E-02	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.00414	1.69E-03	3.20E-02	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00282	1.33E-03	4.30E-02	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00679	1.79E-03	2.72E-02	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.72E-10	1.08E-03	2.19E-02	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0209	3.70E-03	5.43E-02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00387	1.43E-03	2.20E-02	—	pCi/L	U	UJ	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	8.10E-04	3.24E-02	—	pCi/L	U	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00446	2.98E-03	2.50E-02	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00784	2.62E-03	4.59E-02	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.00207	9.77E-04	3.30E-02	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0141	2.13E-03	4.90E-02	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00509	1.27E-03	3.21E-02	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00228	2.28E-03	2.55E-02	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0105	2.47E-03	4.59E-02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21.1	5.33E+00	6.00E+01	—	pCi/L	U	U	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.79	4.43E+00	3.59E+01	—	pCi/L	U	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	19.4	4.53E+00	5.57E+01	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	26.3	4.40E+00	1.94E+01	—	pCi/L	UI	R	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	38.1	4.00E+00	5.27E+01	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Rad	EPA:901.1	Potassium-40	<	17.9	5.87E+00	3.76E+01	—	pCi/L	U	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.17	5.67E+00	6.10E+01	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.2	3.97E+00	2.69E+01	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	51.2	1.54E+01	3.33E+01	—	pCi/L	UI	R	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	34	6.70E+00	3.13E+01	—	pCi/L	UI	R	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.167	3.33E-01	3.20E+00	—	pCi/L	U	U	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.838	3.18E-01	2.93E+00	—	pCi/L	U	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.682	3.97E-01	4.74E+00	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.19	2.04E-01	2.18E+00	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.569	3.28E-01	3.42E+00	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/13/04	WG	F	DUP	—	Rad	EPA:901.1	Sodium-22	<	-0.0801	3.57E-01	4.01E+00	—	pCi/L	U	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.5	5.00E-01	4.60E+00	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.148	2.12E-01	2.08E+00	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.315	3.47E-01	3.70E+00	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.41	2.41E-01	3.02E+00	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.145	4.67E-02	5.00E-01	—	pCi/L	U	U	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0656	2.45E-02	2.47E-01	—	pCi/L	U	U	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0487	4.13E-02	4.71E-01	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.146	2.48E-02	2.93E-01	—	pCi/L	U	U	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.169	2.21E-02	2.42E-01	—	pCi/L	U	U	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.201	4.00E-02	3.80E-01	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.17	1.97E-02	2.26E-01	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.134	2.95E-02	2.95E-01	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0285	1.75E-02	2.00E-01	—	pCi/L	U	U	146657	GU05090G1SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	09-9	CAWR-08-15472	UMTL
Spring 1	09/24/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	9.58E-02	2.87E-01	—	pCi/L	—	U	2407	UU070900G1SW01	UMTL
Spring 1	09/18/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01	—	pCi/L	—	U	WG-05175-UM	UU060900G1SW01	UMTL
Spring 1	09/26/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	44.8	2.01E+01	2.00E+02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	09/13/04	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	—	2.87E-01	pCi/L	—	U	1947	UU04090G1SW01	UMTL
Spring 1	09/13/04	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	64.9	1.76E+01	1.68E+02	—	pCi/L	U	U	121435	GU04090G1SW01	GELC
Spring 1	09/13/04	WG	UF	DUP	—	Rad	EPA:906.0	Tritium	<	-2.4	1.67E+01	1.65E+02	—	pCi/L	U	—	121435	GU04090G1SW01	GELC
Spring 1	09/13/04	WG	UF	DUP	—	Rad	LLEE	Tritium	<	0.06386	9.58E-02	—	2.87E-01	pCi/L	—	U	1947	UU04090G1SW01	UMTL
Spring 1	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.41	3.13E-02	6.30E-02	—	pCi/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.59	3.70E-02	5.22E-02	—	pCi/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.5	3.63E-02	5.44E-02	—	pCi/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.42	2.90E-02	6.41E-02	—	pCi/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	1.29	2.76E-02	7.20E-02	—	pCi/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.44	3.67E-02	9.90E-02	—	pCi/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.98	4.30E-02	4.46E-02	—	pCi/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.53	3.57E-02	4.81E-02	—	pCi/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.55	3.12E-02	6.50E-02	—	pCi/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0401	3.67E-03	3.30E-02	—	pCi/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0543	4.30E-03	4.05E-02	—	pCi/L	—	J	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.029	4.20E-03	4.59E-02	—	pCi/L	U	U	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0727	6.57E-03	4.82E-02	—	pCi/L	—	J	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	—	0.0624	4.43E-03	4.60E-02	—	pCi/L	—	J	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.059	5.00E-03	5.10E-02	—	pCi/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0756	5.03E-03	3.45E-02	—	pCi/L	—	J	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0485	4.47E-03	4.06E-02	—	pCi/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.166	7.57E-03	4.90E-02	—	pCi/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.751	1.87E-02	3.50E-02	—	pCi/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.844	2.22E-02	4.57E-02	—	pCi/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.826	2.27E-02	5.78E-02	—	pCi/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.727	1.81E-02	4.54E-02	—	pCi/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.662	1.70E-02	5.10E-02	—	pCi/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.699	2.03E-02	5.50E-02	—	pCi/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.1	2.61E-02	3.90E-02	—	pCi/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.732	1.99E-02	5.12E-02	—	pCi/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.812	1.90E-02	4.60E-02	—	pCi/L	—	—	146657	GU05090G1SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	132	—	—	7.30E-01	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	140	—	—	7.30E-01	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	146	—	—	7.25E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	131	—	—	7.25E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.7	—	—	7.25E-01	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	170	—	—	7.25E-01	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.3	—	—	3.00E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	3.00E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	3.00E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	3.60E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	3.60E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.8	—	—	3.00E-02	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	3.00E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.1	—	—	3.00E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	3.60E-02	mg/L	—	—	185674	GU070400G2SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.3	—	—	3.60E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.88	—	—	6.60E-02	mg/L	—	J	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.16	—	—	6.60E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.02	—	—	6.60E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.85	—	—	6.60E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.53	—	—	6.60E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	3.59	—	—	6.60E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.675	—	—	3.30E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.636	—	—	3.30E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.604	—	—	3.30E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.559	—	—	3.30E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.14	—	—	3.30E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.16	—	—	3.30E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.6	—	—	3.50E-01	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	4.30E-01	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	4.25E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	4.40E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.9	—	—	8.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.2	—	—	3.50E-01	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.9	—	—	4.30E-01	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64	—	—	4.25E-01	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.4	—	—	4.40E-01	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	57.8	—	—	8.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.981	—	—	8.50E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.857	—	—	8.50E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.32	—	—	8.50E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.765	—	—	8.50E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.03	—	—	8.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.05	—	—	8.50E-02	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.15	—	—	8.50E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.55	—	—	8.50E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.812	—	—	8.50E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.13	—	—	8.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	5.00E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	34.6	—	—	3.20E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	32	—	—	3.20E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	37	—	—	3.20E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	38.6	—	—	3.20E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	42	—	—	4.50E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44	—	—	4.50E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	45	—	—	4.50E-02	mg/L	—	—	194451	GF070900G2SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	05/07/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.8	—	—	4.50E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.6	—	—	4.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.5	—	—	4.50E-02	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.5	—	—	4.50E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	45.4	—	—	4.50E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.3	—	—	4.50E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.5	—	—	4.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1.00E+00	µS/cm	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	296	—	—	1.00E+00	µS/cm	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	288	—	—	1.00E+00	µS/cm	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	274	—	—	1.00E+00	µS/cm	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	338	—	—	1.00E+00	µS/cm	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	333	—	—	1.00E+00	µS/cm	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.01	—	—	1.00E-01	mg/L	—	J	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.83	—	—	1.00E-01	mg/L	—	J-	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.33	—	—	1.00E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.66	—	—	1.00E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.77	—	—	1.00E-01	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.99	—	—	1.00E-01	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.4	—	—	1.10E+00	mg/L	J	J	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8.2	—	—	1.10E+00	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	14.8	—	—	1.14E+00	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.2	—	—	2.28E+00	mg/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3	—	—	1.43E+00	mg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	179	—	—	2.40E+00	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.40E+00	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	196	—	—	2.38E+00	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.38E+00	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	231	—	—	2.38E+00	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	234	—	—	2.38E+00	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.22	—	—	3.30E-01	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.39	—	—	3.30E-01	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.29	—	—	3.30E-01	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.41	—	—	3.30E-01	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2	—	—	3.30E-01	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.06	—	—	2.40E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.027	—	—	2.40E-02	mg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.025	—	—	2.40E-02	mg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.042	—	—	2.40E-02	mg/L	J	U	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.026	—	—	1.00E-02	mg/L	J	U	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	1.00E-02	mg/L	J	U	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.3	—	—	1.00E-02	SU	H	J-	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.17	—	—	1.00E-02	SU	H	J-	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	1.00E-02	SU	H	J	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.58	—	—	1.00E-02	SU	H	J	172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.62	—	—	1.00E-02	SU	H	J	172166	GU060900G2SW01	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	185674	GF070400G2SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	147	—	—	6.80E+01	µg/L	J	J	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	757	—	—	6.80E+01	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	613	—	—	6.80E+01	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	129	—	—	6.80E+01	µg/L	J	U	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	194	—	—	6.80E+01	µg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	8.8	—	—	1.50E+00	µg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	9	—	—	1.50E+00	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	10.3	—	—	1.50E+00	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	9.7	—	—	1.50E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	—	27.8	—	—	6.00E+00	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	10.3	—	—	1.50E+00	µg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	8.8	—	—	1.50E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	9.8	—	—	1.50E+00	µg/L	—	U	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	11.6	—	—	1.50E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	—	26.6	—	—	6.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.1	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.9	—	—	1.00E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.4	—	—	1.00E+00	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.2	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.9	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1.00E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.6	—	—	1.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	48.1	—	—	1.00E+01	µg/L	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	41.3	—	—	1.00E+01	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	46.4	—	—	1.00E+01	µg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	43	—	—	1.00E+01	µg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	72.5	—	—	1.00E+01	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	48.7	—	—	1.00E+01	µg/L	J	J	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	44.7	—	—	1.00E+01	µg/L	J	J	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	47.4	—	—	1.00E+01	µg/L	J	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	42	—	—	1.00E+01	µg/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	72.7	—	—	1.00E+01	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	26.6	—	—	2.50E+01	µg/L	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	52.4	—	—	2.50E+01	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	37.1	—	—	2.50E+01	µg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	27.5	—	—	1.80E+01	µg/L	J	U	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	27.5	—	—	1.80E+01	µg/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	139	—	—	2.50E+01	µg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	692	—	—	2.50E+01	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	454	—	—	2.50E+01	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	172	—	—	1.80E+01	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	163	—	—	1.80E+01	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2.00E+00	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.2	—	—	2.00E+00	µg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.3	—	—	2.00E+00	µg/L	J	—	172166	GF060900G2SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.3	—	—	2.00E+00	µg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	81.4	—	—	2.00E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30	—	—	2.00E+00	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	58.5	—	—	2.00E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.2	—	—	2.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.6	—	—	1.00E-01	µg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.1	—	—	1.00E-01	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.3	—	—	2.00E+00	µg/L	J	U, J+	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.8	—	—	2.00E+00	µg/L	J	U	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.4	—	—	2.00E+00	µg/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.6	—	—	1.00E-01	µg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.4	—	—	1.00E-01	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	5	—	—	2.00E+00	µg/L	J	U, J+	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.1	—	—	2.00E+00	µg/L	J	U	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.1	—	—	2.00E+00	µg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	µg/L	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.83	—	—	5.00E-01	µg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.97	—	—	5.00E-01	µg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.83	—	—	5.00E-01	µg/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	5.00E-01	µg/L	J	J	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4	—	—	5.00E-01	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	µg/L	J	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	µg/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	µg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	3.20E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.8	—	—	3.20E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	211	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	230	—	—	1.00E+00	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	187	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	186	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	216	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	173	—	—	1.00E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	237	—	—	1.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.1	—	—	5.00E-02	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.4	—	—	5.00E-02	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	µg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3	—	—	5.00E-02	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.4	—	—	5.00E-02	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	20.3	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.1	—	—	1.00E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	20.7	—	—	1.00E+00	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	µg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	24	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.2	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.7	—	—	1.00E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	20.7	—	—	1.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	µg/L	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	04/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1082	CAWR-08-12091	GELC
Spring 2	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.7	—	—	2.00E+00	µg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.9	—	—	2.00E+00	µg/L	J	U	172166	GF060900G2SW01	GELC
Spring 2	04/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.2	—	—	2.00E+00	µg/L	J	J	08-1082	CAWR-08-12092	GELC
Spring 2	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194451	GU070900G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.8	—	—	2.00E+00	µg/L	J	U	172166	GU060900G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00646	3.67E-03	2.60E-02	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0225	3.53E-03	4.40E-02	—	pCi/L	U	U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00859	3.67E-03	2.26E-02	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0168	2.63E-03	3.71E-02	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.014	2.22E-03	3.20E-02	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	2.97E-03	4.00E-02	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00779	3.16E-03	4.43E-02	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0174	3.80E-03	2.80E-02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00563	1.24E-03	3.88E-02	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.74	4.33E-01	4.60E+00	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.31	1.87E-01	1.84E+00	—	pCi/L	U	U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.602	4.20E-01	4.50E+00	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0888	2.60E-01	2.75E+00	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.32	2.67E-01	3.03E+00	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.973	4.33E-01	3.90E+00	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.263	3.97E-01	3.65E+00	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.23	3.80E-01	4.26E+00	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.201	2.50E-01	2.64E+00	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.226	5.00E-01	4.90E+00	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.255	1.73E-01	1.69E+00	—	pCi/L	U	U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.944	4.63E-01	5.00E+00	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.31	2.98E-01	3.54E+00	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.29	2.57E-01	2.90E+00	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.55	4.67E-01	4.90E+00	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.455	3.37E-01	3.43E+00	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.77	3.43E-01	3.63E+00	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.622	2.65E-01	2.99E+00	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	15	6.67E+00	4.20E+01	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	38.9	9.07E+00	1.23E+02	—	pCi/L	U	U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	207	4.93E+01	5.66E+02	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.8	—	3.55E+02	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	70.1	1.49E+01	2.12E+02	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.39	3.67E+00	2.70E+01	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68	5.13E+01	2.88E+02	—	pCi/L	U	U	194451	GU070900G2SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	65.6	2.85E+01	2.42E+02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	76.7	—	2.76E+02	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.3	2.83E+00	3.00E+01	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.8	1.70E+00	1.47E+01	—	pCi/L	U	J, U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	38	6.40E+00	3.21E+01	—	pCi/L	UI	R	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.15	2.04E+00	2.05E+01	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.96	2.06E+00	2.03E+01	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.7	3.67E+00	3.10E+01	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.8	3.12E+00	2.58E+01	—	pCi/L	U	J, U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.74	3.06E+00	2.82E+01	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.92	1.97E+00	1.93E+01	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0018	2.47E-03	2.70E-02	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00525	1.75E-03	2.80E-02	—	pCi/L	U	U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00296	1.71E-03	2.85E-02	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00723	3.11E-03	5.00E-02	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.00352	2.03E-03	2.70E-02	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0248	4.33E-03	4.20E-02	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00779	2.38E-03	2.49E-02	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.34E-10	9.23E-04	1.88E-02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0108	3.77E-03	4.49E-02	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0018	1.33E-03	3.10E-02	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00699	1.43E-03	3.30E-02	—	pCi/L	U	U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00888	3.28E-03	3.32E-02	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.61E-03	4.23E-02	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.00703	2.19E-03	2.80E-02	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.30E-03	4.70E-02	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0124	1.81E-03	2.94E-02	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00196	1.73E-03	2.20E-02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.013	2.89E-03	3.79E-02	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-19	5.67E+00	5.50E+01	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.6	3.50E+00	1.48E+01	—	pCi/L	UI	R	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	32.2	8.13E+00	5.78E+01	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.4	5.17E+00	3.13E+01	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	31.9	3.12E+00	3.87E+01	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-31.7	6.00E+00	5.20E+01	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21.5	7.20E+00	2.80E+01	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.5	5.43E+00	4.32E+01	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	30.8	2.98E+00	3.48E+01	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.131	4.33E-01	4.20E+00	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.56	3.00E-01	1.79E+00	—	pCi/L	U	U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.825	4.70E-01	5.57E+00	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0408	2.96E-01	2.87E+00	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.22	3.01E-01	3.05E+00	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.08	5.33E-01	4.70E+00	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0102	3.29E-01	3.25E+00	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.07	3.67E-01	4.05E+00	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.596	2.75E-01	2.44E+00	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0389	3.67E-02	3.80E-01	—	pCi/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0465	2.23E-02	2.37E-01	—	pCi/L	U	U	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0646	4.07E-02	4.39E-01	—	pCi/L	U	U	172166	GF060900G2SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	09/26/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0538	1.59E-02	1.73E-01	—	pCi/L	U	U	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	-0.0787	1.37E-02	1.65E-01	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0587	3.33E-02	3.60E-01	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0957	1.54E-02	1.48E-01	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0093	1.74E-02	1.77E-01	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0224	1.57E-02	1.81E-01	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.67053	9.58E-02	2.87E-01	—	pCi/L	—	U	09-9	CAWR-08-15475	UMTL
Spring 2	04/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	9.58E-02	2.87E-01	—	pCi/L	U	U	08-1083	CAWR-08-12092	UMTL
Spring 2	09/24/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.9579	9.58E-02	2.87E-01	—	pCi/L	—	—	2407	UU070900G2SW01	UMTL
Spring 2	05/07/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35123	9.58E-02	2.87E-01	—	pCi/L	—	U	2337	UU070400G2SW01	UMTL
Spring 2	09/18/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.83018	9.58E-02	2.87E-01	—	pCi/L	—	J	WG-05217-UM	UU060900G2SW01	UMTL
Spring 2	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.827	2.17E-02	7.90E-02	—	pCi/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.39	3.19E-02	4.41E-02	—	pCi/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.52	4.03E-02	7.80E-02	—	pCi/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.405	1.22E-02	6.90E-02	—	pCi/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.592	1.43E-02	6.30E-02	—	pCi/L	—	—	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.897	3.03E-02	1.80E-01	—	pCi/L	—	J+	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.46	3.50E-02	5.24E-02	—	pCi/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.51	4.37E-02	1.01E-01	—	pCi/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.573	1.68E-02	8.95E-02	—	pCi/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0642	4.67E-03	4.10E-02	—	pCi/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0532	5.07E-03	3.42E-02	—	pCi/L	—	J	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0693	6.50E-03	6.58E-02	—	pCi/L	—	J	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0559	4.47E-03	5.20E-02	—	pCi/L	—	J	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.033	3.22E-03	4.10E-02	—	pCi/L	U	U	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0439	6.33E-03	9.30E-02	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0402	3.90E-03	4.06E-02	—	pCi/L	U	J, U	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0239	4.90E-03	8.49E-02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0544	5.07E-03	6.74E-02	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.456	1.40E-02	4.40E-02	—	pCi/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.757	1.96E-02	3.87E-02	—	pCi/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.871	2.64E-02	8.29E-02	—	pCi/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.233	9.03E-03	4.89E-02	—	pCi/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.312	9.73E-03	4.50E-02	—	pCi/L	—	—	121724	GF04090G2SW01	GELC
Spring 2	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.522	2.07E-02	9.90E-02	—	pCi/L	—	J+	08-2041	CAWR-08-15475	GELC
Spring 2	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.729	2.01E-02	4.59E-02	—	pCi/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.796	2.70E-02	1.07E-01	—	pCi/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.267	1.04E-02	6.34E-02	—	pCi/L	—	—	146657	GU05090G2SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.6	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.2	—	—	7.30E-01	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.6	—	—	7.25E-01	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.5	—	—	7.25E-01	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.4	—	—	7.25E-01	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85	—	—	7.25E-01	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.4	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.5	—	—	3.00E-02	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.4	—	—	3.00E-02	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	3.60E-02	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.60E-02	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15484	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.00E-02	mg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	3.00E-02	mg/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.5	—	—	3.60E-02	mg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.5	—	—	3.60E-02	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.73	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.01	—	—	6.60E-02	mg/L	—	J	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.56	—	—	6.60E-02	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.85	—	—	6.60E-02	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.04	—	—	6.60E-02	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	5.05	—	—	6.60E-02	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.452	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.475	—	—	3.30E-02	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.395	—	—	3.30E-02	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.419	—	—	3.30E-02	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.449	—	—	3.30E-02	mg/L	—	U	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.447	—	—	3.30E-02	mg/L	—	U	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	67.5	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	67.1	—	—	4.30E-01	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.5	—	—	4.25E-01	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	62.8	—	—	4.40E-01	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64	—	—	8.50E-02	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.7	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.4	—	—	4.30E-01	mg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.3	—	—	4.25E-01	mg/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67.1	—	—	4.40E-01	mg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64.1	—	—	8.50E-02	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.19	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.07	—	—	8.50E-02	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.99	—	—	8.50E-02	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.89	—	—	8.50E-02	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.92	—	—	8.50E-02	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.03	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	8.50E-02	mg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.06	—	—	8.50E-02	mg/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.03	—	—	8.50E-02	mg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.91	—	—	8.50E-02	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.34	—	—	5.00E-02	mg/L	—	J	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.31	—	—	5.00E-02	mg/L	—	J	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.27	—	—	5.00E-02	mg/L	—	J	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.84	—	—	5.00E-02	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.18	—	—	1.40E-02	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.27	—	—	1.40E-02	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.482	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.44	—	—	5.00E-02	µg/L	—	J	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.44	—	—	5.00E-02	µg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.458	—	—	5.00E-02	µg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.394	—	—	5.00E-02	µg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.22	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15481	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.91	—	—	5.00E-02	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	5.00E-02	mg/L	E	J	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.94	—	—	5.00E-02	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.19	—	—	5.00E-02	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.06	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.2	—	—	5.00E-02	mg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	E	J	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.19	—	—	5.00E-02	mg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.92	—	—	5.00E-02	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	50	—	—	3.20E-02	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	47	—	—	3.20E-02	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41.8	—	—	3.20E-02	mg/L	E	J	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	47.7	—	—	3.20E-02	mg/L	E	J	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.5	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	4.50E-02	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	4.50E-02	mg/L	E	J	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	4.50E-02	mg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	4.50E-02	mg/L	E	J	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	197	—	—	1.00E+00	µS/cm	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	191	—	—	1.00E+00	µS/cm	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1.00E+00	µS/cm	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	218	—	—	1.00E+00	µS/cm	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	216	—	—	1.00E+00	µS/cm	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.92	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.06	—	—	1.00E-01	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.59	—	—	1.00E-01	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.99	—	—	1.00E-01	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.93	—	—	1.00E-01	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.95	—	—	1.00E-01	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	J	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.38E+00	mg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	159	—	—	2.38E+00	mg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.38E+00	mg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.38E+00	mg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.706	—	—	3.30E-01	mg/L	J	J	09-19	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.528	—	—	3.30E-01	mg/L	J	J	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	185264	GU070400G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.217	—	—	3.30E-01	mg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.79	—	—	3.30E-01	mg/L	J	—	172334	GU060900G3SW02	GELC
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	1.00E-02	SU	H	J	194647	GF070900G3SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	1.00E-02	SU	H	J	172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.17	—	—	1.00E-02	SU	H	J	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.1	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.2	—	—	1.50E+00	µg/L	J	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	µg/L	U	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172500	GF060900G3SW01	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.7	—	—	1.50E+00	µg/L	J	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	µg/L	U	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44.8	—	—	1.00E+00	µg/L	E	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.1	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44.6	—	—	1.00E+00	µg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45	—	—	1.00E+00	µg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45	—	—	1.00E+00	µg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	44.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.1	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.6	—	—	1.00E+00	µg/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	48	—	—	1.00E+00	µg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.7	—	—	1.00E+00	µg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.7	—	—	2.50E+00	µg/L	J	J	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.00E+00	µg/L	—	JN-	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.9	—	—	1.00E+00	µg/L	—	U	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.4	—	—	1.00E+00	µg/L	—	U	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	2.50E+00	µg/L	J	J	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.00E+00	µg/L	—	JN-	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7	—	—	1.00E+00	µg/L	—	U	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.9	—	—	1.00E+00	µg/L	—	U	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	µg/L	—	U	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.9	—	—	2.00E+00	µg/L	J	J+, U	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2.00E+00	µg/L	J	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	µg/L	—	U	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.5	—	—	2.00E+00	µg/L	J	U, J+	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.7	—	—	2.00E+00	µg/L	J	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.71	—	—	5.00E-01	µg/L	J	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.72	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	µg/L	J	—	194647	GU070900G3SW02	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	µg/L	J	—	172500	GU060900G3SW01	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	µg/L	U	U	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.3	—	—	1.00E+00	µg/L	J	J	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	µg/L	U	U	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.3	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	49	—	—	3.20E-02	mg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	256	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	236	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	240	—	—	1.00E+00	µg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	231	—	—	1.00E+00	µg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	226	—	—	1.00E+00	µg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	242	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.1	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	240	—	—	1.00E+00	µg/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	246	—	—	1.00E+00	µg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	237	—	—	1.00E+00	µg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.1	—	—	5.00E-02	µg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	µg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	µg/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	µg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15481	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	16.3	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.2	—	—	1.00E+00	µg/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14	—	—	1.00E+00	µg/L	—	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.5	—	—	1.00E+00	µg/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.1	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.9	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15	—	—	1.00E+00	µg/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.4	—	—	1.00E+00	µg/L	—	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.4	—	—	1.00E+00	µg/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1048	CAWR-08-12095	GELC
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194647	GF070900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	8.4	—	—	2.00E+00	µg/L	J	U	172500	GF060900G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15484	GELC
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2.00E+00	µg/L	J	J	08-1048	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194647	GU070900G3SW02	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.2	—	—	2.00E+00	µg/L	J	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4	—	—	2.00E+00	µg/L	J	U	172500	GU060900G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00472	1.13E-03	2.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0131	2.74E-03	4.19E-02	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00409	3.08E-03	3.85E-02	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0161	4.07E-03	4.98E-02	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00553	1.63E-03	2.90E-02	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0104	1.37E-03	2.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000468	9.50E-04	3.95E-02	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00312	1.68E-03	2.44E-02	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0132	4.17E-03	3.48E-02	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.38	3.67E-01	4.10E+00	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.683	2.25E-01	2.41E+00	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.902	3.63E-01	3.82E+00	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.1	3.80E-01	4.06E+00	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.00214	3.40E-01	3.62E+00	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.288	4.67E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0999	2.64E-01	1.97E+00	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.507	4.60E-01	4.46E+00	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0297	4.10E-01	4.32E+00	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.707	3.67E-01	3.60E+00	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0733	2.47E-01	2.48E+00	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.82	3.57E-01	4.78E+00	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.682	5.23E-01	4.75E+00	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.24	3.47E-01	3.80E+00	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.731	4.00E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.276	1.92E-01	1.85E+00	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.562	3.67E-01	3.99E+00	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.954	4.40E-01	4.57E+00	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.9	5.33E+00	1.60E+01	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	71	3.50E+01	1.91E+02	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	104	2.90E+01	3.05E+02	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	631	2.21E+02	8.67E+02	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	69.8	3.57E+01	2.32E+02	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.1	7.67E+00	3.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	53.7	1.57E+01	1.36E+02	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	120	4.77E+01	3.38E+02	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	129	4.07E+01	3.97E+02	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17.8	3.67E+00	3.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.54	1.83E+00	1.77E+01	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.17	2.66E+00	2.75E+01	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.72	4.33E+00	3.09E+01	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.41	2.35E+00	2.49E+01	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.14	3.67E+00	3.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.45	1.45E+00	1.46E+01	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0	4.30E+00	1.79E+01	—	pCi/L	UI	R	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.4	3.23E+00	3.35E+01	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0116	2.07E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0125	2.32E-03	2.87E-02	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00211	7.03E-04	2.03E-02	—	pCi/L	U	U	172500	GF060900G3SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0303	5.23E-03	4.85E-02	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.0252	6.47E-03	4.90E-02	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00456	1.53E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00183	1.83E-03	2.92E-02	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.70E-04	1.93E-02	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0129	5.37E-03	5.34E-02	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0116	1.73E-03	4.00E-02	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00179	1.58E-03	3.38E-02	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00211	1.22E-03	2.36E-02	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0117	2.59E-03	4.09E-02	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0	2.09E-03	5.00E-02	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00683	1.33E-03	3.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00365	1.72E-03	3.45E-02	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-9.6E-10	1.64E-03	2.25E-02	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0154	3.83E-03	4.51E-02	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21	5.33E+00	5.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.425	4.03E+00	3.52E+01	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	43.3	4.90E+00	6.50E+01	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	44.7	5.00E+00	6.24E+01	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.33	3.53E+00	4.06E+01	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-26.1	6.67E+00	6.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.76	4.73E+00	1.82E+01	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.31	8.73E+00	4.08E+01	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.94	1.12E+01	4.27E+01	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.99	3.30E-01	4.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0618	2.26E-01	2.28E+00	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-3	4.20E-01	3.88E+00	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.561	3.93E-01	4.55E+00	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.21	3.50E-01	3.53E+00	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.613	4.00E-01	3.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.495	1.85E-01	1.75E+00	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.07	4.90E-01	5.11E+00	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.01	4.27E-01	4.91E+00	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0226	5.00E-02	5.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.155	3.29E-02	3.26E-01	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.053	2.53E-02	2.76E-01	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.123	2.57E-02	4.32E-01	—	pCi/L	U	U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.0494	1.09E-02	1.21E-01	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0134	3.67E-02	4.20E-01	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.169	4.10E-02	4.11E-01	—	pCi/L	U	U	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0745	3.19E-02	3.89E-01	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0817	2.26E-02	3.81E-01	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.507096	3.50E-01	3.58E+00	—	pCi/L	U	U	09-29	CAWR-08-15484	ARSL
Spring 3	04/23/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.05369	9.58E-02	2.87E-01	—	pCi/L	—	—	08-1075	CAWR-08-12093	UMTL
Spring 3	09/24/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.98983	9.58E-02	2.87E-01	—	pCi/L	—	—	2409	UU070900G3SW01	UMTL
Spring 3	04/30/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.40492	9.58E-02	2.87E-01	—	pCi/L	—	—	2336	UU070400G3SW01	UMTL
Spring 3	09/18/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.30913	9.58E-02	2.87E-01	—	pCi/L	—	—	2273	UU060900G3SW01	UMTL
Spring 3	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.835	2.97E-02	1.80E-01	—	pCi/L	—	J+	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.08	2.70E-02	5.07E-02	—	pCi/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.983	2.42E-02	4.31E-02	—	pCi/L	—	—	172500	GF060900G3SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.03	2.38E-02	7.43E-02	—	pCi/L	—	—	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	1.07	2.03E-02	6.00E-02	—	pCi/L	—	—	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.919	2.50E-02	9.20E-02	—	pCi/L	—	—	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.1	2.62E-02	4.16E-02	—	pCi/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.17	2.57E-02	4.32E-02	—	pCi/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.42	3.03E-02	7.42E-02	—	pCi/L	—	—	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0516	8.00E-03	9.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0389	3.77E-03	3.93E-02	—	pCi/L	U	U	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0306	4.03E-03	3.64E-02	—	pCi/L	U	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0572	5.10E-03	5.60E-02	—	pCi/L	—	J	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.00632	3.06E-03	3.90E-02	—	pCi/L	U	U	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0194	4.67E-03	4.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0342	3.20E-03	3.23E-02	—	pCi/L	—	J	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0666	4.80E-03	3.65E-02	—	pCi/L	—	J	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0962	7.80E-03	5.58E-02	—	pCi/L	—	J	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.6	2.33E-02	1.00E-01	—	pCi/L	—	J+	09-21	CAWR-08-15481	GELC
Spring 3	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.669	1.87E-02	4.44E-02	—	pCi/L	—	—	194647	GF070900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.605	1.66E-02	4.58E-02	—	pCi/L	—	—	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.602	1.65E-02	5.26E-02	—	pCi/L	—	—	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.578	1.45E-02	4.30E-02	—	pCi/L	—	—	121724	GF04090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.602	1.80E-02	5.10E-02	—	pCi/L	—	—	09-21	CAWR-08-15484	GELC
Spring 3	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.553	1.52E-02	3.65E-02	—	pCi/L	—	—	194647	GU070900G3SW02	GELC
Spring 3	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.688	1.71E-02	4.60E-02	—	pCi/L	—	—	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.99	2.34E-02	5.25E-02	—	pCi/L	—	—	146887	GU05090G3SW01	GELC
Spring 3	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	1.56	—	—	1.50E+00	µg/L	J	J	08-2044	CAWR-08-15482	GELC
Spring 3	04/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.30E+00	µg/L	U	UJ	08-1047	CAWR-08-12093	GELC
Spring 3	09/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	µg/L	U	—	194557	GU070900G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	µg/L	U	—	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	µg/L	U	—	172334	GU060900G3SW02	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.1	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.5	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.6	—	—	7.30E-01	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80	—	—	7.25E-01	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.8	—	—	7.25E-01	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.8	—	—	7.25E-01	mg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.3	—	—	7.25E-01	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	3.00E-02	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	3.60E-02	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.8	—	—	3.60E-02	mg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	3.00E-02	mg/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.60E-02	mg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	3.60E-02	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.94	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.97	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15492	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.94	—	—	6.60E-02	mg/L	—	J	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.8	—	—	6.60E-02	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.94	—	—	6.60E-02	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4	—	—	6.60E-02	mg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	4.02	—	—	6.60E-02	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.456	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.453	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.445	—	—	3.30E-02	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.366	—	—	3.30E-02	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.416	—	—	3.30E-02	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.425	—	—	3.30E-02	mg/L	—	U	172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.423	—	—	3.30E-02	mg/L	—	U	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.9	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.8	—	—	4.30E-01	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.9	—	—	4.25E-01	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.8	—	—	4.40E-01	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.2	—	—	8.50E-02	mg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	60.3	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	4.30E-01	mg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.7	—	—	4.25E-01	mg/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.9	—	—	4.40E-01	mg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.1	—	—	8.50E-02	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.92	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.95	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.8	—	—	8.50E-02	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.85	—	—	8.50E-02	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.81	—	—	8.50E-02	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.78	—	—	8.50E-02	mg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.87	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.94	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.82	—	—	8.50E-02	mg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.89	—	—	8.50E-02	mg/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.94	—	—	8.50E-02	mg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.72	—	—	8.50E-02	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.03	—	—	5.00E-02	mg/L	—	J	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.04	—	—	5.00E-02	mg/L	—	J	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.1	—	—	5.00E-02	mg/L	—	J	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.04	—	—	5.00E-02	mg/L	—	J	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.56	—	—	5.00E-02	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.987	—	—	1.40E-02	mg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.1	—	—	1.40E-02	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.475	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.487	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.43	—	—	5.00E-02	µg/L	—	J	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.438	—	—	5.00E-02	µg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185264	GF070400GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.437	—	—	5.00E-02	µg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172500	GF060900GA3S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.389	—	—	5.00E-02	µg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.02	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.83	—	—	5.00E-02	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.83	—	—	5.00E-02	mg/L	E	J	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.04	—	—	5.00E-02	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.27	—	—	5.00E-02	mg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.08	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.06	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.8	—	—	5.00E-02	mg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	5.00E-02	mg/L	E	J	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.25	—	—	5.00E-02	mg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	5.00E-02	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	50.4	—	—	3.20E-02	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	48.5	—	—	3.20E-02	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	39.8	—	—	3.20E-02	mg/L	E	J	172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	48.1	—	—	3.20E-02	mg/L	E	J	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	4.50E-02	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	4.50E-02	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	4.50E-02	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	E	J	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	4.50E-02	mg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	4.50E-02	mg/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	4.50E-02	mg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	4.50E-02	mg/L	E	J	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	188	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	190	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1.00E+00	µS/cm	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1.00E+00	µS/cm	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	µS/cm	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	µS/cm	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	198	—	—	1.00E+00	µS/cm	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	5.15	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.43	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.03	—	—	1.00E-01	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.92	—	—	1.00E-01	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.06	—	—	1.00E-01	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.05	—	—	1.00E-01	mg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.08	—	—	1.00E-01	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	J	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.38E+00	mg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.38E+00	mg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.38E+00	mg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.38E+00	mg/L	—	—	172500	GF060900GA3S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	09/29/08	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.808	—	—	3.30E-01	mg/L	J	J	09-19	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.818	—	—	3.30E-01	mg/L	J	J	09-19	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.484	—	—	3.30E-01	mg/L	J	J	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.647	—	—	3.30E-01	mg/L	J	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.567	—	—	3.30E-01	mg/L	J	—	172334	GU060900GA3S02	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.86	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	1.00E-02	SU	H	J	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J	172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	1.00E-02	SU	H	J	172500	GU060900GA3S01	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.6	—	—	1.50E+00	µg/L	J	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	µg/L	U	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15493	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.5	—	—	1.50E+00	µg/L	J	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	µg/L	U	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	32.5	—	—	1.00E+00	µg/L	E	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.6	—	—	1.00E+00	µg/L	E	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.7	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.5	—	—	1.00E+00	µg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.6	—	—	1.00E+00	µg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33	—	—	1.00E+00	µg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	33.1	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.6	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.4	—	—	1.00E+00	µg/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.9	—	—	1.00E+00	µg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.5	—	—	1.00E+00	µg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	4.6	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	2.50E+00	µg/L	J	J	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.00E+00	µg/L	J	JN-	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	7.1	—	—	1.00E+00	µg/L	—	U	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	7.5	—	—	1.00E+00	µg/L	—	U	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.1	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	2.50E+00	µg/L	J	J	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.00E+00	µg/L	J	JN-	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7	—	—	1.00E+00	µg/L	—	U	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7.2	—	—	1.00E+00	µg/L	—	U	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6020	Lead	—	1.6	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15494	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	185264	GF070400GA3S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	172500	GF060900GA3S01	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	µg/L	—	U	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.7	—	—	2.00E+00	µg/L	J	J+, U	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2	—	—	2.00E+00	µg/L	J	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1	—	—	1.00E-01	µg/L	—	U	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.9	—	—	2.00E+00	µg/L	J	J+, U	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.6	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15494	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.53	—	—	5.00E-01	µg/L	J	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.67	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.58	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.59	—	—	5.00E-01	µg/L	J	—	172500	GU060900GA3S01	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	µg/L	U	U	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.1	—	—	1.00E+00	µg/L	J	J	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	µg/L	U	U	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	51.4	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.5	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	49.3	—	—	3.20E-02	mg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	237	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	243	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	221	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	231	—	—	1.00E+00	µg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	225	—	—	1.00E+00	µg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	210	—	—	1.00E+00	µg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	237	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	236	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	220	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	229	—	—	1.00E+00	µg/L	—	—	194647	GU070900GA3S02	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	240	—	—	1.00E+00	µg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	221	—	—	1.00E+00	µg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	µg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	14.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.7	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15492	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.4	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.8	—	—	1.00E+00	µg/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13	—	—	1.00E+00	µg/L	—	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.3	—	—	1.00E+00	µg/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	14.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.1	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15491	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.2	—	—	1.00E+00	µg/L	—	—	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.7	—	—	1.00E+00	µg/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.7	—	—	1.00E+00	µg/L	—	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.2	—	—	1.00E+00	µg/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1048	CAWR-08-12096	GELC
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194647	GF070900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.5	—	—	2.00E+00	µg/L	J	U	172500	GF060900GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FB	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15497	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1048	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194647	GU070900GA3S02	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4	—	—	2.00E+00	µg/L	J	U	172500	GU060900GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	HASL-300	Americium-241	<	-0.00359	8.00E-04	2.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00109	1.70E-03	2.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000647	2.01E-03	4.50E-02	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00553	1.24E-03	2.19E-02	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00908	3.11E-03	3.89E-02	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00623	1.55E-03	3.30E-02	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00765	1.40E-03	2.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	1.53E-03	2.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00511	1.87E-03	4.23E-02	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00858	3.77E-03	2.31E-02	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0128	3.73E-03	3.24E-02	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	EPA:901.1	Cesium-137	<	-3.61	5.67E-01	4.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.85	4.67E-01	3.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.55	3.67E-01	2.21E+00	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.19	4.30E-01	4.78E+00	—	pCi/L	U	U	172500	GF060900GA3S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0963	3.30E-01	3.54E+00	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.771	3.70E-01	3.81E+00	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	3.22	4.00E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.79	5.00E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.52	2.38E-01	2.03E+00	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.702	3.06E-01	3.54E+00	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.786	3.93E-01	4.20E+00	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	EPA:901.1	Cobalt-60	<	1.24	4.00E-01	4.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.17	4.67E-01	3.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.878	2.25E-01	2.32E+00	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.1	4.27E-01	5.08E+00	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.51	3.50E-01	3.99E+00	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.855	3.37E-01	3.58E+00	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.195	4.67E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.736	4.67E-01	4.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.117	1.99E-01	1.96E+00	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.766	2.67E-01	3.44E+00	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.927	3.73E-01	4.59E+00	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	EPA:901.1	Gross gamma	<	7.67	3.67E+00	1.50E+01	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	17.4	6.67E+00	2.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	49.7	1.51E+01	1.41E+02	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	90.2	2.08E+01	3.30E+02	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.5	2.42E+01	3.19E+02	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	98.4	1.85E+01	2.74E+02	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	9.39	9.00E+00	2.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.2	5.00E+00	2.60E+01	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68.7	3.07E+01	1.44E+02	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	96.3	2.60E+01	2.59E+02	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.6	2.23E+01	2.78E+02	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-13.8	3.67E+00	3.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.4	3.33E+00	3.50E+01	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.1	2.01E+00	1.55E+01	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.333	3.33E+00	3.04E+01	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.671	2.19E+00	2.35E+01	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.89	3.37E+00	3.48E+01	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-0.2	2.97E+00	3.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.8	3.00E+00	2.90E+01	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.5	2.34E+00	1.71E+01	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17	4.73E+00	2.29E+01	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.336	1.82E+00	1.68E+01	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.0155	3.33E-03	4.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0123	1.70E-03	3.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00362	2.42E-03	2.90E-02	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00437	1.03E-03	2.10E-02	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0165	4.27E-03	6.85E-02	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	—	0.0468	6.50E-03	4.50E-02	—	pCi/L	—	J	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0.0312	5.67E-03	3.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00286	5.33E-03	4.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00697	1.84E-03	2.79E-02	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0083	1.85E-03	2.66E-02	—	pCi/L	U	U	172500	GU060900GA3S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0102	3.26E-03	4.23E-02	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00619	1.47E-03	5.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0143	2.83E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00905	1.60E-03	3.42E-02	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00437	2.06E-03	2.45E-02	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0099	2.91E-03	5.79E-02	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.0205	5.77E-03	4.70E-02	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.0024	1.40E-03	4.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00857	3.17E-03	4.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00522	1.54E-03	3.29E-02	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-5.28E-09	6.13E-03	3.10E-02	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0163	2.56E-03	3.58E-02	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	EPA:901.1	Potassium-40	<	-10.9	6.00E+00	6.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	61.2	5.67E+00	7.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	29.6	3.01E+00	2.88E+01	—	pCi/L	UI	R	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.59	4.93E+00	4.24E+01	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.59	7.63E+00	3.15E+01	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	54.8	6.23E+00	4.57E+01	—	pCi/L	—	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	17	5.33E+00	6.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.8	6.33E+00	6.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.14	4.37E+00	2.84E+01	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	36.4	4.37E+00	5.56E+01	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.15	4.87E+00	5.50E+01	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	EPA:901.1	Sodium-22	<	-3.22	5.33E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.29	4.67E-01	5.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.459	2.21E-01	2.12E+00	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.028	4.57E-01	5.12E+00	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.023	2.95E-01	3.33E+00	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.679	3.63E-01	3.96E+00	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	1.26	3.67E-01	4.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.188	5.00E-01	4.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.593	2.10E-01	2.14E+00	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.8	1.91E-01	4.12E+00	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.13	5.07E-01	4.41E+00	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.188	5.33E-02	5.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0522	3.17E-02	3.90E-01	—	pCi/L	U	U	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.255	4.23E-02	4.04E-01	—	pCi/L	U	U	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.199	2.30E-02	3.62E-01	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0184	2.56E-02	3.91E-01	—	pCi/L	U	U	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	-0.0277	1.05E-02	1.28E-01	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0451	3.67E-02	3.90E-01	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0363	4.67E-02	5.20E-01	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.117	2.34E-02	3.05E-01	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0542	2.41E-02	3.11E-01	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.124	2.76E-02	3.51E-01	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.750355	3.59E-01	3.68E+00	—	pCi/L	U	U	09-29	CAWR-08-15493	ARSL
Spring 3A	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.357025	3.44E-01	3.52E+00	—	pCi/L	U	U	09-29	CAWR-08-15491	ARSL
Spring 3A	04/23/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.6386	9.58E-02	2.87E-01	—	pCi/L	—	U	08-1075	CAWR-08-12098	UMTL
Spring 3A	09/24/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.76632	9.58E-02	2.87E-01	—	pCi/L	—	J	2409	UU070900GA3S01	UMTL
Spring 3A	04/30/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.57474	9.58E-02	2.87E-01	—	pCi/L	—	U	2336	UU070400GA3S01	UMTL

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	09/18/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.18141	9.58E-02	2.87E-01	—	pCi/L	—	—	2273	UU060900GA3S01	UMTL
Spring 3A	09/29/08	WG	F	CS	FD	Rad	HASL-300	Uranium-234	—	0.944	4.33E-02	4.70E-01	—	pCi/L	—	—	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.75	2.00E-02	7.50E-02	—	pCi/L	—	—	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.862	2.19E-02	4.68E-02	—	pCi/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.849	2.26E-02	5.09E-02	—	pCi/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.799	1.88E-02	6.57E-02	—	pCi/L	—	—	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.742	1.68E-02	7.00E-02	—	pCi/L	—	—	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.904	4.33E-02	5.10E-01	—	pCi/L	—	—	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.724	1.97E-02	8.00E-02	—	pCi/L	—	—	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.799	1.92E-02	4.72E-02	—	pCi/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.888	2.21E-02	5.13E-02	—	pCi/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.792	1.90E-02	6.90E-02	—	pCi/L	—	—	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0657	1.33E-02	2.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0422	4.00E-03	3.90E-02	—	pCi/L	—	—	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0615	4.83E-03	3.63E-02	—	pCi/L	—	J	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	4.70E-03	4.29E-02	—	pCi/L	U	U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0665	4.73E-03	4.94E-02	—	pCi/L	—	J	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0293	3.07E-03	4.50E-02	—	pCi/L	U	U	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0541	1.03E-02	2.70E-01	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0252	3.33E-03	4.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0207	3.01E-03	3.66E-02	—	pCi/L	U	U	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0365	4.33E-03	4.33E-02	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0531	4.73E-03	5.20E-02	—	pCi/L	—	J	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	F	CS	FD	Rad	HASL-300	Uranium-238	—	0.545	3.13E-02	2.60E-01	—	pCi/L	—	—	09-21	CAWR-08-15494	GELC
Spring 3A	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.431	1.33E-02	4.20E-02	—	pCi/L	—	—	09-21	CAWR-08-15492	GELC
Spring 3A	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.388	1.21E-02	4.10E-02	—	pCi/L	—	—	194647	GF070900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.498	1.54E-02	5.41E-02	—	pCi/L	—	—	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.484	1.33E-02	4.65E-02	—	pCi/L	—	—	146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.505	1.31E-02	5.00E-02	—	pCi/L	—	—	121724	GF04090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.248	2.57E-02	2.80E-01	—	pCi/L	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.457	1.40E-02	4.40E-02	—	pCi/L	—	—	09-21	CAWR-08-15491	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.492	1.36E-02	4.14E-02	—	pCi/L	—	—	194647	GU070900GA3S02	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.48	1.45E-02	5.46E-02	—	pCi/L	—	—	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.446	1.29E-02	4.89E-02	—	pCi/L	—	—	146887	GU05090GA3S01	GELC
Spring 3A	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.38	—	—	1.30E+00	µg/L	J	J	08-2044	CAWR-08-15489	GELC
Spring 3A	04/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.33	—	—	1.30E+00	µg/L	J	J	08-1047	CAWR-08-12098	GELC
Spring 3A	09/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	µg/L	U	—	194557	GU070900GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	µg/L	U	—	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	µg/L	U	—	172334	GU060900GA3S02	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	7.25E-01	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.6	—	—	7.25E-01	mg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.2	—	—	1.45E+00	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.1	—	—	1.45E+00	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.7	—	—	7.25E-01	mg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.3	—	—	3.00E-02	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	3.60E-02	mg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	3.60E-02	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.2	—	—	5.54E-03	mg/L	—	—	89802	GF03080GAA301	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.1	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	3.00E-02	mg/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.60E-02	mg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.60E-02	mg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.45	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.27	—	—	6.60E-02	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	6.60E-02	mg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.38	—	—	5.30E-02	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.53	—	—	3.22E-02	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.43	—	—	6.60E-02	mg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.443	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.377	—	—	3.30E-02	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.419	—	—	3.30E-02	mg/L	—	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.418	—	—	3.00E-02	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.331	—	—	5.53E-02	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.419	—	—	3.30E-02	mg/L	—	U	172500	GU060900GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.4	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.1	—	—	4.25E-01	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.7	—	—	8.50E-02	mg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45	—	—	8.50E-02	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	47.3	—	—	4.00E-02	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.5	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	4.25E-01	mg/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.5	—	—	8.50E-02	mg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	8.50E-02	mg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.267	—	—	8.50E-02	mg/L	J	J	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.304	—	—	8.50E-02	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.275	—	—	8.50E-02	mg/L	J	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.276	—	—	8.50E-02	mg/L	J	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.293	—	—	5.18E-03	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.3	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.327	—	—	8.50E-02	mg/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.292	—	—	8.50E-02	mg/L	J	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.398	—	—	8.50E-02	mg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.468	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.434	—	—	5.00E-02	µg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172500	GF060900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.428	—	—	5.00E-02	µg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146887	GF05090GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.424	—	—	5.00E-02	µg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	03/08/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.43	—	—	—	µg/L	—	—	108593	GU04030GAA301	GELC
Spring 3AA	03/08/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	108593	GU04030GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.92	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	5.00E-02	mg/L	E	J	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.73	—	—	5.00E-02	mg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.08	—	—	1.65E-02	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	5.00E-02	mg/L	E	J	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.78	—	—	5.00E-02	mg/L	—	—	172500	GU060900GAA301	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.82	—	—	5.00E-02	mg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41.6	—	—	3.20E-02	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	40.2	—	—	3.20E-02	mg/L	E	J	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.4	—	—	3.20E-02	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.7	—	—	2.12E-02	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41.5	—	—	3.20E-02	mg/L	E	J	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	45	—	—	3.20E-02	mg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	4.50E-02	mg/L	E	J	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	4.50E-02	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	1.44E-02	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	4.50E-02	mg/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	4.50E-02	mg/L	E	J	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	4.50E-02	mg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	170	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1.00E+00	µS/cm	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1.00E+00	µS/cm	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	µS/cm	—	—	146887	GF05090GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1.00E+00	µS/cm	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.53	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	1.00E-01	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.42	—	—	1.00E-01	mg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.58	—	—	5.70E-02	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.45	—	—	1.93E-01	mg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.41	—	—	1.00E-01	mg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.38E+00	mg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.38E+00	mg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	122	—	—	2.38E+00	mg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.38E+00	mg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	94	—	—	3.07E+00	mg/L	H	J	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.779	—	—	3.30E-01	mg/L	J	J	09-19	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.426	—	—	3.30E-01	mg/L	J	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.764	—	—	3.30E-01	mg/L	J	—	172334	GU060900GAA302	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.74	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	1.00E-02	SU	H	J	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.13	—	—	1.00E-02	SU	H	J	146887	GF05090GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J	172500	GU060900GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.6	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	µg/L	J	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	µg/L	U	—	89802	GF03080GAA301	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	µg/L	J	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.5	—	—	1.00E+00	µg/L	E	—	09-20	CAWR-08-15488	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.8	—	—	1.00E+00	µg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.1	—	—	1.00E+00	µg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9	—	—	1.00E+00	µg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.49	—	—	2.22E-01	µg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1.00E+00	µg/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9	—	—	1.00E+00	µg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.8	—	—	1.00E+00	µg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.5	—	—	1.00E+00	µg/L	J	JN-	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	7.3	—	—	1.00E+00	µg/L	—	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.9	—	—	1.00E+00	µg/L	J	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	4.34	—	—	5.03E-01	µg/L	B	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	1.00E+00	µg/L	J	JN-	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7.3	—	—	1.00E+00	µg/L	—	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	6.2	—	—	1.00E+00	µg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.8	—	—	2.00E+00	µg/L	J	J+, U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	1.51	—	—	1.43E+00	µg/L	B	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2.00E+00	µg/L	J	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.5	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	µg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	154	—	—	1.00E+00	µg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1.00E+00	µg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1.78E-01	µg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	µg/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	µg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1.00E+00	µg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.21	—	—	2.00E-02	µg/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.2	—	—	5.00E-02	µg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.5	—	—	1.00E+00	µg/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.2	—	—	1.00E+00	µg/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.8	—	—	1.00E+00	µg/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.5	—	—	6.06E-01	µg/L	—	—	89802	GF03080GAA301	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15	—	—	1.00E+00	µg/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.3	—	—	1.00E+00	µg/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.3	—	—	1.00E+00	µg/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.2	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.7	—	—	2.00E+00	µg/L	J	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	0.883	—	—	8.83E-01	µg/L	U	UJ	89802	GF03080GAA301	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2.00E+00	µg/L	J	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	7.2	—	—	2.00E+00	µg/L	J	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.019	2.77E-03	2.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00899	1.72E-03	4.19E-02	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0135	4.00E-03	2.42E-02	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0226	7.00E-03	5.07E-02	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.0125	2.20E-03	3.00E-02	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:901.1	Americium-241	<	0.704	8.50E-01	8.77E+00	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00333	1.60E-03	2.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00277	7.83E-04	4.12E-02	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0111	3.83E-03	2.14E-02	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0116	3.70E-03	3.97E-02	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.76	4.00E-01	4.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.583	2.11E-01	2.04E+00	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.91	4.10E-01	4.68E+00	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.896	3.53E-01	3.66E+00	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.53	4.33E-01	5.27E+00	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.93	6.33E-01	4.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.49	1.68E-01	1.58E+00	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.642	5.57E-01	5.51E+00	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.51	3.63E-01	4.15E+00	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.39	5.00E-01	4.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.384	2.08E-01	2.11E+00	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.171	3.90E-01	4.48E+00	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.64	3.57E-01	4.29E+00	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.00716	5.33E-01	6.16E+00	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.43	4.33E-01	4.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.66	1.92E-01	1.75E+00	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.6	5.47E-01	5.79E+00	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.532	3.50E-01	4.04E+00	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	26.9	7.33E+00	2.30E+01	—	pCi/L	—	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	58.4	2.37E+01	2.02E+02	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	140	3.06E+01	4.18E+02	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	73.4	2.20E+01	2.90E+02	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	95.6	3.50E+01	3.51E+02	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	7.43	1.43E+01	1.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	48.7	1.39E+01	1.38E+02	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	53	1.65E+01	2.00E+02	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	123	5.43E+01	3.74E+02	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.7	3.10E+00	2.90E+01	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.6	2.04E+00	1.62E+01	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.617	3.33E+00	3.25E+01	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.57	2.57E+00	2.58E+01	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.45	2.46E+00	2.49E+01	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.8	3.27E+00	3.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.58	1.39E+00	1.05E+01	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.9	3.40E+00	3.42E+01	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.589	2.80E+00	2.79E+01	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.47E-03	3.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0134	2.31E-03	3.06E-02	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00408	1.36E-03	1.96E-02	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0107	3.57E-03	5.55E-02	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0	3.50E-03	3.10E-02	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	10/06/03	WG	F	DUP	—	Rad	Alpha-Spec	Plutonium-238	<	0	2.85E-03	2.70E-02	—	pCi/L	U	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0194	3.03E-03	3.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00172	9.97E-04	2.76E-02	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00411	1.19E-03	1.98E-02	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00925	2.88E-03	4.80E-02	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00439	2.30E-03	3.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00382	2.38E-03	3.61E-02	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0204	2.90E-03	2.28E-02	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00535	2.18E-03	4.69E-02	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.00223	1.66E-03	2.70E-02	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	10/06/03	WG	F	DUP	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.0172	2.30E-03	2.30E-02	—	pCi/L	U	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0146	2.00E-03	4.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00861	1.29E-03	3.26E-02	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0226	2.67E-03	2.30E-02	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00924	2.67E-03	4.05E-02	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-10	5.33E+00	5.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.5	3.97E+00	3.05E+01	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	10.6	7.03E+00	4.41E+01	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14.6	4.17E+00	3.73E+01	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.1	8.40E+00	4.31E+01	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.4	5.33E+00	5.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.3	3.37E+00	1.26E+01	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.57	1.05E+01	6.48E+01	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	—	56.4	5.43E+00	3.44E+01	—	pCi/L	—	J	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.334	4.33E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.57	2.63E-01	2.13E+00	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.182	4.03E-01	4.63E+00	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.303	3.37E-01	3.64E+00	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.54	6.03E-01	7.29E+00	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.77	3.33E-01	2.60E+00	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.469	1.71E-01	1.60E+00	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.69	5.47E-01	6.09E+00	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.29	3.53E-01	3.63E+00	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0702	3.00E-02	3.90E-01	—	pCi/L	U	U	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.342	4.30E-02	3.82E-01	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0423	3.31E-02	3.72E-01	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0541	2.40E-02	3.86E-01	—	pCi/L	U	U	146887	GF05090GAA301	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	10/06/03	WG	F	CS	—	Rad	GFPC	Strontium-90	<	-0.0497	1.19E-02	1.26E-01	—	pCi/L	U	U	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.193	4.33E-02	4.20E-01	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0379	3.37E-02	3.69E-01	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0201	3.30E-02	3.76E-01	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0853	2.45E-02	3.23E-01	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.643804	3.47E-01	3.45E+00	—	pCi/L	U	U	09-29	CAWR-08-15486	ARSL
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900GAA301	UMTL
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	9.58E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900GAA301	UMTL
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	71.9	1.92E+01	1.91E+02	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	10/06/03	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	588	2.18E+01	1.70E+02	—	pCi/L	—	—	89802	GU03080GAA301	GELC
Spring 3AA	10/06/03	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.28737	9.58E-02	—	2.87E-01	pCi/L	—	U	1805	UU03080GAA301	UMTL
Spring 3AA	10/06/03	WG	UF	DUP	—	Rad	LLEE	Tritium	—	-0.38316	1.17E-01	—	2.87E-01	pCi/L	—	—	1805	UU03080GAA301	UMTL
Spring 3AA	10/06/03	WG	UF	RE	—	Rad	EPA:906.0	Tritium	<	43.7	1.44E+01	1.39E+02	—	pCi/L	U	U	104174	GU03080GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.657	1.80E-02	7.50E-02	—	pCi/L	—	—	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.726	1.79E-02	4.68E-02	—	pCi/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.687	1.81E-02	4.10E-02	—	pCi/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.766	1.78E-02	6.15E-02	—	pCi/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.645	1.92E-02	5.60E-02	—	pCi/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.625	1.97E-02	1.10E-01	—	pCi/L	—	—	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.805	1.99E-02	5.13E-02	—	pCi/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.746	2.15E-02	6.85E-02	—	pCi/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.08	2.54E-02	7.83E-02	—	pCi/L	—	—	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0396	4.00E-03	3.90E-02	—	pCi/L	—	—	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0256	3.43E-03	3.63E-02	—	pCi/L	U	U	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.017	3.73E-03	3.45E-02	—	pCi/L	U	U	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0449	3.97E-03	4.63E-02	—	pCi/L	U	U	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	—	0.255	1.01E-02	3.20E-02	—	pCi/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.012	3.00E-03	5.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0253	3.40E-03	3.98E-02	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0528	5.67E-03	5.78E-02	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0856	5.67E-03	5.89E-02	—	pCi/L	—	J	146887	GU05090GAA301	GELC
Spring 3AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.442	1.33E-02	4.20E-02	—	pCi/L	—	—	09-21	CAWR-08-15488	GELC
Spring 3AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.396	1.16E-02	4.10E-02	—	pCi/L	—	—	194647	GF070900GAA301	GELC
Spring 3AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.389	1.20E-02	4.36E-02	—	pCi/L	—	—	172500	GF060900GAA301	GELC
Spring 3AA	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.436	1.20E-02	4.35E-02	—	pCi/L	—	—	146887	GF05090GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.364	1.27E-02	3.60E-02	—	pCi/L	—	—	89802	GF03080GAA301	GELC
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:901.1	Uranium-238	<	0	1.14E+01	1.17E+02	—	pCi/L	UUI	R	89802	GF03080GAA301	GELC
Spring 3AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.382	1.40E-02	6.30E-02	—	pCi/L	—	—	09-21	CAWR-08-15486	GELC
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.532	1.47E-02	4.50E-02	—	pCi/L	—	—	194647	GU070900GAA301	GELC
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.417	1.46E-02	7.29E-02	—	pCi/L	—	—	172500	GU060900GAA301	GELC
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.644	1.74E-02	5.54E-02	—	pCi/L	—	—	146887	GU05090GAA301	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.7	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.6	—	—	7.30E-01	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.6	—	—	7.25E-01	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.6	—	—	7.25E-01	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.3	—	—	7.25E-01	mg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.3	—	—	7.25E-01	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.096	—	—	6.70E-02	mg/L	J	J	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.104	—	—	6.70E-02	mg/L	J	J	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	194647	GF070900G4SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.101	—	—	6.60E-02	mg/L	J	—	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	—	0.095	—	—	6.60E-02	mg/L	J	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.9	—	—	3.00E-02	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.3	—	—	3.60E-02	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.60E-02	mg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24	—	—	3.00E-02	mg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	3.60E-02	mg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	3.60E-02	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.47	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.53	—	—	6.60E-02	mg/L	—	J	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.47	—	—	6.60E-02	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.31	—	—	6.60E-02	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.53	—	—	6.60E-02	mg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	6.55	—	—	6.60E-02	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.511	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.466	—	—	3.30E-02	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.438	—	—	3.30E-02	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.474	—	—	3.30E-02	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.472	—	—	3.30E-02	mg/L	—	U	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.471	—	—	3.30E-02	mg/L	—	U	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.2	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.1	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.9	—	—	4.25E-01	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.2	—	—	4.40E-01	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.1	—	—	8.50E-02	mg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.5	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.5	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.5	—	—	4.25E-01	mg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.5	—	—	4.40E-01	mg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.5	—	—	8.50E-02	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.72	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.45	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.54	—	—	8.50E-02	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.64	—	—	8.50E-02	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.27	—	—	8.50E-02	mg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.44	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	8.50E-02	mg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.33	—	—	8.50E-02	mg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.31	—	—	8.50E-02	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.22	—	—	5.00E-02	mg/L	—	J	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.35	—	—	5.00E-02	mg/L	—	J	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.25	—	—	5.00E-02	mg/L	—	J	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.61	—	—	1.00E-01	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.3	—	—	1.40E-02	mg/L	—	—	172500	GF060900G4SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.43	—	—	1.40E-02	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.679	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.653	—	—	5.00E-02	µg/L	—	J	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.64	—	—	5.00E-02	µg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185526	GF070400G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.638	—	—	5.00E-02	µg/L	—	J-	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.598	—	—	5.00E-02	µg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.79	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.64	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.47	—	—	5.00E-02	mg/L	E	J	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.85	—	—	5.00E-02	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	5.00E-02	mg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.86	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	5.00E-02	mg/L	E	J	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.38	—	—	5.00E-02	mg/L	E	J	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.64	—	—	5.00E-02	mg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	5.00E-02	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.2	—	—	3.20E-02	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.2	—	—	3.20E-02	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	52.2	—	—	3.20E-02	mg/L	E	J	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	3.20E-02	mg/L	E	J	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	4.50E-02	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	E	J	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	4.50E-02	mg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	4.50E-02	mg/L	E	J	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1.00E+00	µS/cm	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	220	—	—	1.00E+00	µS/cm	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	226	—	—	1.00E+00	µS/cm	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	226	—	—	1.00E+00	µS/cm	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	219	—	—	1.00E+00	µS/cm	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.48	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.45	—	—	1.00E-01	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.24	—	—	1.00E-01	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.33	—	—	1.00E-01	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.44	—	—	1.00E-01	mg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.5	—	—	1.00E-01	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.79	—	—	1.30E+00	mg/L	J	J	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.8	—	—	1.10E+00	mg/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.4	—	—	1.14E+00	mg/L	J	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.8	—	—	2.28E+00	mg/L	J	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.43	—	—	1.43E+00	mg/L	U	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15503	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	175	—	—	2.38E+00	mg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	179	—	—	2.38E+00	mg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.38E+00	mg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.38E+00	mg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.84	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.899	—	—	3.30E-01	mg/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.478	—	—	3.30E-01	mg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.94	—	—	3.30E-01	mg/L	J	—	172334	GU060900G4SW02	GELC
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	1.00E-02	SU	H	J-	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.36	—	—	1.00E-02	SU	H	J	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.65	—	—	1.00E-02	SU	H	J	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	1.00E-02	SU	H	J	172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.62	—	—	1.00E-02	SU	H	J	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.2	—	—	1.50E+00	µg/L	J	J	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.8	—	—	1.50E+00	µg/L	J	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	5.5	—	—	1.50E+00	µg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172500	GF060900G4SW01	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.50E+00	µg/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	5.3	—	—	1.50E+00	µg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	5.5	—	—	1.50E+00	µg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.8	—	—	1.00E+00	µg/L	E	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.5	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.2	—	—	1.00E+00	µg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44.5	—	—	1.00E+00	µg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.6	—	—	1.00E+00	µg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.7	—	—	1.00E+00	µg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.3	—	—	1.00E+00	µg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39	—	—	1.00E+00	µg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	µg/L	J	J	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.1	—	—	1.00E+00	µg/L	J	JN-	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.00E+00	µg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.1	—	—	1.00E+00	µg/L	—	U	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	2.50E+00	µg/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.00E+00	µg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.2	—	—	1.00E+00	µg/L	—	U	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	µg/L	—	U	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.6	—	—	2.00E+00	µg/L	J	J+, U	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2.00E+00	µg/L	J	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GF060900G4SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	µg/L	—	U	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.62	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	5.00E-01	µg/L	J	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	5.00E-01	µg/L	J	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.71	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.68	—	—	5.00E-01	µg/L	J	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	µg/L	J	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	2.2	—	—	1.00E+00	µg/L	J	J	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	µg/L	U	U	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.2	—	—	1.00E+00	µg/L	J	J	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.1	—	—	1.00E+00	µg/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.9	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.3	—	—	3.20E-02	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	134	—	—	1.00E+00	µg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	µg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	µg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	137	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	139	—	—	1.00E+00	µg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1.00E+00	µg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	µg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.95	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.98	—	—	5.00E-02	µg/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	µg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	µg/L	—	—	194647	GF070900G4SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1.00E+00	µg/L	—	J+	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	µg/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.2	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	µg/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.8	—	—	1.00E+00	µg/L	—	J+	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.6	—	—	1.00E+00	µg/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1065	CAWR-08-12101	GELC
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194647	GF070900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.4	—	—	2.00E+00	µg/L	J	—	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.6	—	—	2.00E+00	µg/L	J	U	172500	GF060900G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15502	GELC
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1065	CAWR-08-12099	GELC
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.2	—	—	2.00E+00	µg/L	J	—	194647	GU070900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.6	—	—	2.00E+00	µg/L	J	U	172500	GU060900G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00397	1.10E-03	3.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0032	1.66E-03	4.10E-02	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0301	1.30E-02	2.91E-02	—	pCi/L	U	R	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00765	2.66E-03	3.76E-02	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00391	9.23E-04	3.10E-02	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00917	2.00E-03	3.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00125	7.67E-04	4.08E-02	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000718	1.89E-03	2.58E-02	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00394	2.98E-03	4.18E-02	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0453	4.33E-01	4.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.412	2.93E-01	2.25E+00	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.82	3.77E-01	4.26E+00	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.147	3.47E-01	3.67E+00	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.403	3.67E-01	3.93E+00	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.74	4.67E-01	5.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.58	1.71E-01	1.72E+00	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.426	4.63E-01	4.60E+00	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.41	3.32E-01	3.88E+00	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.38	4.67E-01	4.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.322	1.90E-01	1.93E+00	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.686	3.53E-01	3.83E+00	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.142	3.10E-01	3.51E+00	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.886	3.93E-01	4.20E+00	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.593	5.33E-01	5.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.145	2.05E-01	1.74E+00	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.03	4.87E-01	4.06E+00	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.324	3.01E-01	3.33E+00	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.1	4.67E+00	3.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	49.2	1.98E+01	1.68E+02	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	106	3.40E+01	2.68E+02	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	83.3	2.34E+01	2.94E+02	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	85.8	2.68E+01	3.00E+02	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.1	4.67E+00	2.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	44.7	1.04E+01	9.87E+01	—	pCi/L	U	U	194647	GU070900G4SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.3	1.50E+01	1.77E+02	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.4	3.83E+01	1.74E+02	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.31	2.93E+00	3.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.42	2.07E+00	1.37E+01	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.24	2.62E+00	2.90E+01	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.24	1.62E+00	1.52E+01	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.61	2.72E+00	2.78E+01	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.08	3.67E+00	3.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.63	1.69E+00	1.33E+01	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.84	3.43E+00	2.89E+01	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.74	2.20E+00	2.33E+01	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0136	4.67E-03	5.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00179	1.03E-03	2.86E-02	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00397	1.32E-03	1.91E-02	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00282	4.10E-03	5.86E-02	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0	5.10E-03	4.00E-02	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00431	4.00E-03	3.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.44E-03	2.82E-02	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00243	1.40E-03	2.33E-02	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.012	3.31E-03	4.99E-02	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00681	3.67E-03	5.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00358	1.46E-03	3.38E-02	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00397	1.62E-03	2.22E-02	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.30E-03	4.95E-02	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0	2.40E-03	4.10E-02	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0108	2.60E-03	3.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00528	1.31E-03	3.32E-02	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.16E-09	2.56E-03	2.72E-02	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0024	1.39E-03	4.21E-02	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.7	6.33E+00	6.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.56	3.70E+00	2.83E+01	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	64.2	5.07E+00	6.92E+01	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	13.9	5.60E+00	3.54E+01	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	22.7	4.33E+00	5.28E+01	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.2	6.33E+00	7.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.1	4.40E+00	1.77E+01	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.7	5.10E+00	4.99E+01	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	30.2	4.43E+00	5.42E+01	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.602	3.67E-01	3.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.652	1.90E-01	1.80E+00	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.846	3.63E-01	3.90E+00	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.66	3.90E-01	3.83E+00	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0171	4.07E-01	3.99E+00	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.565	4.33E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.169	1.84E-01	1.78E+00	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.23	5.20E-01	5.47E+00	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.866	3.13E-01	3.30E+00	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.183	4.00E-02	5.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.182	4.07E-02	4.03E-01	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0779	3.53E-02	3.86E-01	—	pCi/L	U	U	172500	GF060900G4SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	09/26/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0417	2.93E-02	4.11E-01	—	pCi/L	U	U	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0	1.13E-02	1.34E-01	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.192	4.00E-02	4.00E-01	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.134	3.63E-02	3.72E-01	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00078	2.82E-02	3.30E-01	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0251	2.45E-02	3.52E-01	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.496335	4.12E-01	3.58E+00	—	pCi/L	U	U	09-29	CAWR-08-15502	ARSL
Spring 4	04/24/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.17408	9.58E-02	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12099	UMTL
Spring 4	09/24/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.72706	9.58E-02	2.87E-01	—	pCi/L	—	—	2409	UU070900G4SW01	UMTL
Spring 4	05/03/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.40776	9.58E-02	2.87E-01	—	pCi/L	—	—	2337	UU070400G4SW01	UMTL
Spring 4	09/18/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.33373	1.06E-01	2.87E-01	—	pCi/L	—	—	2273	UU060900G4SW01	UMTL
Spring 4	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.769	4.00E-02	5.10E-01	—	pCi/L	—	—	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.527	1.44E-02	4.78E-02	—	pCi/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.635	1.75E-02	4.47E-02	—	pCi/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.658	1.80E-02	8.29E-02	—	pCi/L	—	—	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.476	1.43E-02	7.40E-02	—	pCi/L	—	—	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.83	4.33E-02	5.40E-01	—	pCi/L	—	—	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.637	1.64E-02	3.88E-02	—	pCi/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.681	1.81E-02	4.98E-02	—	pCi/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.509	1.46E-02	7.39E-02	—	pCi/L	—	JN+	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0538	1.03E-02	2.70E-01	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0288	2.93E-03	3.70E-02	—	pCi/L	U	U	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0133	1.99E-03	3.77E-02	—	pCi/L	U	U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0672	6.63E-03	6.24E-02	—	pCi/L	—	J	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0285	3.37E-03	4.80E-02	—	pCi/L	U	U	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.038	1.27E-02	2.80E-01	—	pCi/L	U	U	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0319	2.98E-03	3.01E-02	—	pCi/L	—	J	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0443	4.37E-03	4.20E-02	—	pCi/L	—	J	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0359	4.70E-03	5.56E-02	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.261	2.70E-02	2.80E-01	—	pCi/L	U	U	09-21	CAWR-08-15503	GELC
Spring 4	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.33	1.05E-02	4.19E-02	—	pCi/L	—	—	194647	GF070900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.352	1.15E-02	4.76E-02	—	pCi/L	—	—	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.307	1.26E-02	5.87E-02	—	pCi/L	—	—	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.332	1.17E-02	5.30E-02	—	pCi/L	—	—	121724	GF04090G4SW01	GELC
Spring 4	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.308	2.57E-02	3.00E-01	—	pCi/L	—	—	09-21	CAWR-08-15502	GELC
Spring 4	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.379	1.12E-02	3.40E-02	—	pCi/L	—	—	194647	GU070900G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.385	1.23E-02	5.30E-02	—	pCi/L	—	—	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.334	1.13E-02	5.23E-02	—	pCi/L	—	JN+	146889	GU05090G4SW01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.5	—	—	7.30E-01	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.6	—	—	7.30E-01	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79	—	—	7.25E-01	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.3	—	—	7.25E-01	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.7	—	—	7.25E-01	mg/L	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.2	—	—	7.25E-01	mg/L	—	—	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	3.00E-02	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.7	—	—	3.00E-02	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.60E-02	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.9	—	—	3.00E-02	mg/L	—	—	08-1061	CAWR-08-12111	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	3.00E-02	mg/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	3.60E-02	mg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.1	—	—	6.60E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.22	—	—	6.60E-02	mg/L	—	J	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.53	—	—	6.60E-02	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.12	—	—	6.60E-02	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.66	—	—	6.60E-02	mg/L	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	4.65	—	—	6.60E-02	mg/L	—	—	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.519	—	—	3.30E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.535	—	—	3.30E-02	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.388	—	—	3.30E-02	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.494	—	—	3.30E-02	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.459	—	—	3.30E-02	mg/L	—	U	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.472	—	—	3.30E-02	mg/L	—	U	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.4	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.8	—	—	4.30E-01	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.2	—	—	4.25E-01	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.1	—	—	4.40E-01	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.7	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.5	—	—	4.30E-01	mg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.6	—	—	4.25E-01	mg/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.5	—	—	4.40E-01	mg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.25	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.76	—	—	8.50E-02	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.6	—	—	8.50E-02	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.01	—	—	8.50E-02	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.13	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.7	—	—	8.50E-02	mg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.85	—	—	8.50E-02	mg/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.86	—	—	8.50E-02	mg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.975	—	—	5.00E-02	mg/L	—	J	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.16	—	—	5.00E-02	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.995	—	—	5.00E-02	mg/L	—	J	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.6	—	—	1.00E-01	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.923	—	—	1.40E-02	mg/L	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.994	—	—	1.40E-02	mg/L	—	—	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.551	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.531	—	—	5.00E-02	µg/L	—	J	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.529	—	—	5.00E-02	µg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185416	GF070400GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.527	—	—	5.00E-02	µg/L	—	J-	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.457	—	—	5.00E-02	µg/L	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.28	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.17	—	—	5.00E-02	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	E	J	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	5.00E-02	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.3	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.19	—	—	5.00E-02	mg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.92	—	—	5.00E-02	mg/L	E	J	194647	GU070900GA4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.27	—	—	5.00E-02	mg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67.4	—	—	3.20E-02	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	69	—	—	3.20E-02	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	66.1	—	—	3.20E-02	mg/L	E	J	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67.5	—	—	3.20E-02	mg/L	E	J	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	4.50E-02	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	µS/cm	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	193	—	—	1.00E+00	µS/cm	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	189	—	—	1.00E+00	µS/cm	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	µS/cm	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	200	—	—	1.00E+00	µS/cm	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	195	—	—	1.00E+00	µS/cm	—	—	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.28	—	—	1.00E-01	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.22	—	—	1.00E-01	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.29	—	—	1.00E-01	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.38	—	—	1.00E-01	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.43	—	—	1.00E-01	mg/L	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.45	—	—	1.00E-01	mg/L	—	—	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	21.4	—	—	1.30E+00	mg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5	—	—	1.10E+00	mg/L	U	U	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.14	—	—	1.14E+00	mg/L	U	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.14	—	—	1.14E+00	mg/L	U	—	185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.43	—	—	1.43E+00	mg/L	U	—	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.40E+00	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.40E+00	mg/L	—	J	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	2.38E+00	mg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	185	—	—	2.38E+00	mg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.38E+00	mg/L	—	—	172500	GU060900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	167	—	—	2.38E+00	mg/L	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.04	—	—	3.30E-01	mg/L	—	—	09-25	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.958	—	—	3.30E-01	mg/L	J	J	08-1061	CAWR-08-12111	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.736	—	—	3.30E-01	mg/L	J	—	185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.453	—	—	3.30E-01	mg/L	J	—	172311	GU060900GA4S02	GELC
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J-	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	1.00E-02	SU	H	J	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	1.00E-02	SU	H	J	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J	172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	1.00E-02	SU	H	J	172500	GU060900GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	43.6	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	µg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1.00E+00	µg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.6	—	—	1.00E+00	µg/L	—	—	185416	GF070400GA4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.9	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.4	—	—	1.00E+00	µg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.1	—	—	1.00E+00	µg/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	44.6	—	—	1.00E+00	µg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	µg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	2.50E+00	µg/L	J	J	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.5	—	—	1.00E+00	µg/L	J	JN-	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.3	—	—	1.00E+00	µg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.50E+00	µg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	2.50E+00	µg/L	J	J	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.4	—	—	1.00E+00	µg/L	J	JN-	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.5	—	—	1.00E+00	µg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	µg/L	—	U	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	µg/L	—	U	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.1	—	—	2.00E+00	µg/L	J	J+, U	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.5	—	—	3.20E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.4	—	—	3.20E-02	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.7	—	—	1.00E+00	µg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.6	—	—	1.00E+00	µg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1.00E+00	µg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.7	—	—	1.00E+00	µg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	100	—	—	1.00E+00	µg/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	µg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	µg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	µg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.98	—	—	5.00E-02	µg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	µg/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	µg/L	—	—	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.4	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	µg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	µg/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.6	—	—	1.00E+00	µg/L	—	J+	185416	GF070400GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	µg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	µg/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	6.7	—	—	1.00E+00	µg/L	—	U	185416	GU070400GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	4.67E-03	4.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0093	1.01E-03	4.45E-02	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00541	1.04E-02	2.97E-02	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00118	6.17E-03	4.12E-02	—	pCi/L	U	U	146887	GF05090GA4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0	1.61E-03	3.10E-02	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00639	3.33E-03	3.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00136	1.15E-03	4.41E-02	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0032	2.60E-03	2.46E-02	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00183	3.77E-03	3.34E-02	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.79	5.67E-01	4.60E+00	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.517	2.36E-01	1.65E+00	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.336	3.73E-01	4.03E+00	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.673	3.26E-01	3.69E+00	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.19	3.37E-01	3.83E+00	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.059	3.67E-01	3.80E+00	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.388	4.33E-01	4.12E+00	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.46	3.77E-01	4.23E+00	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.06	3.15E-01	3.42E+00	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.998	5.00E-01	5.20E+00	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.251	2.10E-01	1.66E+00	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.93	3.04E-01	3.81E+00	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.679	3.77E-01	4.34E+00	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.68	2.51E-01	4.53E+00	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.56	5.00E-01	5.10E+00	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.189	4.47E-01	4.28E+00	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.12	4.70E-01	6.08E+00	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.79	3.09E-01	4.05E+00	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	14.4	7.00E+00	3.90E+01	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	47.9	1.02E+01	1.33E+02	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	150	3.87E+01	3.73E+02	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	68.5	1.49E+01	1.95E+02	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	119	2.83E+01	2.93E+02	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.49	1.27E+00	1.50E+01	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	106	6.33E+01	2.18E+02	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	77.6	3.05E+01	2.43E+02	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81.6	1.88E+01	2.25E+02	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13	3.17E+00	3.10E+01	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.2	1.57E+00	1.14E+01	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.63	2.78E+00	2.87E+01	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.03	2.23E+00	2.29E+01	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	28.2	3.43E+00	2.80E+01	—	pCi/L	UI	J	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.22	3.17E+00	3.10E+01	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.735	2.77E+00	2.74E+01	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.93	3.17E+00	3.29E+01	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.334	2.79E+00	2.53E+01	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00387	1.57E-03	2.90E-02	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00579	2.14E-03	3.09E-02	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00562	1.65E-03	1.80E-02	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00604	4.27E-03	6.27E-02	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.00426	2.01E-03	3.30E-02	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00191	1.10E-03	2.90E-02	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00241	1.39E-03	3.86E-02	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.27E-04	1.81E-02	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0255	6.63E-03	5.88E-02	—	pCi/L	U	U	146887	GU05090GA4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00193	1.13E-03	3.30E-02	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.29E-03	3.65E-02	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00562	2.07E-03	2.10E-02	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00604	3.50E-03	5.29E-02	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.00426	1.74E-03	3.40E-02	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.57E-03	3.30E-02	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.61E-03	4.55E-02	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00188	2.08E-03	2.10E-02	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00566	2.67E-03	4.97E-02	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-14.2	5.67E+00	5.70E+01	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.2	2.79E+00	2.11E+01	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.2	5.47E+00	3.46E+01	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	18.7	4.43E+00	5.18E+01	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	18.1	4.63E+00	3.50E+01	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.23	5.00E+00	5.50E+01	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.5	5.07E+00	4.24E+01	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	36.7	8.07E+00	3.88E+01	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	43.5	4.70E+00	5.93E+01	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.172	4.00E-01	3.90E+00	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0173	1.60E-01	1.54E+00	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.731	3.57E-01	3.80E+00	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0215	3.18E-01	3.60E+00	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.772	3.29E-01	3.52E+00	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.25	4.00E-01	3.70E+00	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.82	4.63E-01	5.07E+00	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.141	3.17E-01	4.20E+00	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0396	3.27E-01	3.70E+00	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.122	2.47E-02	3.40E-01	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.145	2.17E-02	3.08E-01	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.118	2.40E-02	3.31E-01	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.112	2.54E-02	4.32E-01	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.025	1.03E-02	1.19E-01	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/14/04	WG	F	DUP	—	Rad	GFPC	Strontium-90	<	0.07	2.16E-02	2.73E-01	—	pCi/L	U	—	122098	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.006	2.50E-02	3.00E-01	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00627	2.56E-02	3.00E-01	—	pCi/L	U	U	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0706	3.33E-02	4.09E-01	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.000721	2.09E-02	3.15E-01	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.28737	2.62E-01	2.68E+00	—	pCi/L	U	U	09-31	CAWR-08-15512	ARSL
Spring 4A	04/24/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.57474	9.58E-02	2.87E-01	—	pCi/L	—	U	08-1079	CAWR-08-12111	UMTL
Spring 4A	09/24/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35123	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900GA4S01	UMTL
Spring 4A	05/02/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.98983	9.58E-02	2.87E-01	—	pCi/L	—	J	2337	UU070400GA4S01	UMTL
Spring 4A	09/18/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.51088	9.58E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900GA4S01	UMTL
Spring 4A	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.798	2.73E-02	1.70E-01	—	pCi/L	—	—	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.68	1.76E-02	4.05E-02	—	pCi/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.669	1.76E-02	4.05E-02	—	pCi/L	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.752	1.93E-02	7.91E-02	—	pCi/L	—	—	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.635	1.69E-02	7.70E-02	—	pCi/L	—	—	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.877	2.90E-02	1.60E-01	—	pCi/L	—	—	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.61	1.63E-02	4.06E-02	—	pCi/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.741	1.91E-02	5.00E-02	—	pCi/L	—	—	172500	GU060900GA4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.678	1.77E-02	7.41E-02	—	pCi/L	—	—	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0411	6.67E-03	8.70E-02	—	pCi/L	U	U	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0311	3.37E-03	3.14E-02	—	pCi/L	U	U	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00719	2.40E-03	3.41E-02	—	pCi/L	U	U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0545	4.97E-03	5.96E-02	—	pCi/L	U	U	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0267	2.84E-03	5.00E-02	—	pCi/L	U	U	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0229	5.33E-03	8.50E-02	—	pCi/L	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0511	3.83E-03	3.15E-02	—	pCi/L	—	J	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0474	4.27E-03	4.22E-02	—	pCi/L	—	J	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0631	5.30E-03	5.58E-02	—	pCi/L	—	J	146887	GU05090GA4S01	GELC
Spring 4A	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.399	1.73E-02	9.30E-02	—	pCi/L	—	—	09-27	CAWR-08-15515	GELC
Spring 4A	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.285	1.01E-02	3.55E-02	—	pCi/L	—	—	194647	GF070900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.299	1.01E-02	4.30E-02	—	pCi/L	—	—	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.319	1.12E-02	5.60E-02	—	pCi/L	—	—	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.336	1.12E-02	5.40E-02	—	pCi/L	—	—	121724	GF04090GA4S01	GELC
Spring 4A	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.399	1.73E-02	9.00E-02	—	pCi/L	—	—	09-27	CAWR-08-15512	GELC
Spring 4A	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.371	1.13E-02	3.56E-02	—	pCi/L	—	—	194647	GU070900GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.362	1.16E-02	5.32E-02	—	pCi/L	—	—	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.323	1.13E-02	5.25E-02	—	pCi/L	—	—	146887	GU05090GA4S01	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.2	—	—	7.30E-01	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.2	—	—	7.30E-01	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.7	—	—	7.25E-01	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.4	—	—	7.25E-01	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.9	—	—	7.25E-01	mg/L	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.9	—	—	7.25E-01	mg/L	—	—	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.084	—	—	6.70E-02	mg/L	J	J	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0689	—	—	6.70E-02	mg/L	J	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.1	—	—	6.60E-02	mg/L	J	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.081	—	—	6.60E-02	mg/L	J	—	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	—	0.075	—	—	6.60E-02	mg/L	J	—	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	3.00E-02	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.8	—	—	3.00E-02	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.60E-02	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	3.00E-02	mg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	3.00E-02	mg/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	3.60E-02	mg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.75	—	—	6.60E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.67	—	—	6.60E-02	mg/L	—	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.7	—	—	6.60E-02	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.52	—	—	6.60E-02	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.74	—	—	6.60E-02	mg/L	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	5.74	—	—	6.60E-02	mg/L	—	—	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.527	—	—	3.30E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.488	—	—	3.30E-02	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.48	—	—	3.30E-02	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.492	—	—	3.30E-02	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.507	—	—	3.30E-02	mg/L	—	J+	172500	GF060900GAA401	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.499	—	—	3.30E-02	mg/L	—	J+	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74	—	—	4.30E-01	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.1	—	—	4.25E-01	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.8	—	—	4.40E-01	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.4	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	4.30E-01	mg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.7	—	—	4.25E-01	mg/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.8	—	—	4.40E-01	mg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.13	—	—	8.50E-02	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.66	—	—	8.50E-02	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.55	—	—	8.50E-02	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.74	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.29	—	—	8.50E-02	mg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	8.50E-02	mg/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.29	—	—	8.50E-02	mg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.86	—	—	5.00E-02	mg/L	—	J	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.22	—	—	5.00E-02	mg/L	—	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.02	—	—	5.00E-02	mg/L	—	J	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.66	—	—	1.00E-01	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.02	—	—	1.40E-02	mg/L	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.05	—	—	1.40E-02	mg/L	—	—	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.564	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.56	—	—	5.00E-02	µg/L	—	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.58	—	—	5.00E-02	µg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185416	GF070400GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.568	—	—	5.00E-02	µg/L	—	J-	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.545	—	—	5.00E-02	µg/L	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.17	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.19	—	—	5.00E-02	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	5.00E-02	mg/L	E	J	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.43	—	—	5.00E-02	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.18	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.25	—	—	5.00E-02	mg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	E	J	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.27	—	—	5.00E-02	mg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	69.6	—	—	3.20E-02	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	68	—	—	3.20E-02	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	65	—	—	3.20E-02	mg/L	E	J	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	66.8	—	—	3.20E-02	mg/L	E	J	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	4.50E-02	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	4.50E-02	mg/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	185416	GU070400GAA401	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1.00E+00	µS/cm	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	198	—	—	1.00E+00	µS/cm	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	207	—	—	1.00E+00	µS/cm	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	212	—	—	1.00E+00	µS/cm	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	216	—	—	1.00E+00	µS/cm	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	216	—	—	1.00E+00	µS/cm	—	—	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.96	—	—	1.00E-01	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.79	—	—	1.00E-01	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.78	—	—	1.00E-01	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.71	—	—	1.00E-01	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.82	—	—	1.00E-01	mg/L	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.82	—	—	1.00E-01	mg/L	—	—	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.12	—	—	1.30E+00	mg/L	J	J	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.8	—	—	1.10E+00	mg/L	J	J	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.4	—	—	1.14E+00	mg/L	J	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	18.2	—	—	1.14E+00	mg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.40E+00	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.40E+00	mg/L	—	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.38E+00	mg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.38E+00	mg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	181	—	—	2.38E+00	mg/L	—	—	172500	GU060900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.38E+00	mg/L	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.958	—	—	3.30E-01	mg/L	J	J	09-25	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.2	—	—	3.30E-01	mg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.454	—	—	3.30E-01	mg/L	J	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.384	—	—	3.30E-01	mg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	1.00E-02	SU	H	J-	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.65	—	—	1.00E-02	SU	H	J	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	1.00E-02	SU	H	J	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.46	—	—	1.00E-02	SU	H	J	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.6	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37	—	—	1.00E+00	µg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	µg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.2	—	—	1.00E+00	µg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.2	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.6	—	—	1.00E+00	µg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.9	—	—	1.00E+00	µg/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40	—	—	1.00E+00	µg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.50E+00	µg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	2.50E+00	µg/L	J	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	1.00E+00	µg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.50E+00	µg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	µg/L	J	J	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.00E+00	µg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	1.00E-01	µg/L	—	U	08-1059	CAWR-08-12108	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3	—	—	2.00E+00	µg/L	J	J+, U	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	µg/L	—	U	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.1	—	—	2.00E+00	µg/L	J	U, J+	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185416	GU070400GAA401	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	µg/L	U	U	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1	—	—	1.00E+00	µg/L	J	J	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	µg/L	U	U	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	3.20E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.7	—	—	3.20E-02	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.4	—	—	1.00E+00	µg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	µg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	µg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.1	—	—	1.00E+00	µg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	µg/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	µg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.89	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.85	—	—	5.00E-02	µg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.83	—	—	5.00E-02	µg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.92	—	—	5.00E-02	µg/L	—	—	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.94	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.97	—	—	5.00E-02	µg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.91	—	—	5.00E-02	µg/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.81	—	—	5.00E-02	µg/L	—	—	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.9	—	—	1.00E+00	µg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	µg/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.7	—	—	1.00E+00	µg/L	—	J+	185416	GF070400GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.1	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	µg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.1	—	—	1.00E+00	µg/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	6.3	—	—	1.00E+00	µg/L	—	U	185416	GU070400GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0405	6.33E-03	5.40E-02	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00372	1.73E-03	4.51E-02	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00743	9.00E-03	2.78E-02	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0439	4.67E-03	5.10E-02	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00511	1.18E-03	4.23E-02	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00743	2.80E-03	2.86E-02	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.16	3.67E-01	3.30E+00	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.25	5.73E-01	5.29E+00	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.45	6.20E-01	3.55E+00	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.16	4.00E-01	4.30E+00	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.88	5.47E-01	4.88E+00	—	pCi/L	U	U	194647	GU070900GAA401	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.23	4.57E-01	5.42E+00	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.218	3.67E-01	3.60E+00	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.228	3.53E-01	3.41E+00	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.04	3.23E-01	4.35E+00	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.31	4.67E-01	4.10E+00	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.898	4.67E-01	4.24E+00	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0817	4.73E-01	5.55E+00	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	19.5	8.67E+00	2.50E+01	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	115	2.97E+01	2.47E+02	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	97.5	2.47E+01	3.48E+02	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.4	6.33E+00	2.60E+01	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	84	2.30E+01	2.90E+02	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67.6	1.39E+01	1.64E+02	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.6	3.33E+00	3.00E+01	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.99	3.77E+00	3.67E+01	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.9	2.78E+00	2.89E+01	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.32	3.33E+00	3.00E+01	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.83	3.63E+00	3.45E+01	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.21	3.60E+00	3.82E+01	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.53E-03	4.70E-02	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00345	2.15E-03	2.76E-02	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-2.89E-10	1.14E-03	2.33E-02	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00404	1.90E-03	3.10E-02	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.011	3.67E-03	3.51E-02	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00216	1.61E-03	2.08E-02	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00927	1.80E-03	5.30E-02	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00172	1.28E-03	3.26E-02	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.16E-09	2.29E-03	2.72E-02	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00606	1.50E-03	3.50E-02	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00876	2.31E-03	4.14E-02	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00216	1.61E-03	2.42E-02	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.3	4.67E+00	4.20E+01	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.57	1.01E+01	4.55E+01	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	34.4	4.13E+00	5.35E+01	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-28.3	5.67E+00	5.10E+01	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.9	5.67E+00	5.49E+01	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.7	4.90E+00	7.12E+01	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.543	4.00E-01	4.20E+00	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0366	4.43E-01	4.43E+00	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.16	3.77E-01	3.91E+00	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.725	5.00E-01	4.90E+00	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.28	5.57E-01	5.08E+00	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.781	4.03E-01	5.24E+00	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0246	3.33E-02	3.80E-01	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.113	3.57E-02	3.70E-01	—	pCi/L	U	U	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.167	2.99E-02	4.14E-01	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0908	3.67E-02	3.80E-01	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.281	3.43E-02	4.49E-01	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0513	2.95E-02	3.67E-01	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.526254	2.99E-01	2.85E+00	—	pCi/L	U	U	09-31	CAWR-08-15516	ARSL

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	04/24/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.13931	9.58E-02	2.87E-01	—	pCi/L	—	—	08-1077	CAWR-08-12109	UMTL
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.13931	9.58E-02	2.87E-01	—	pCi/L	—	—	2409	UU070900GAA401	UMTL
Spring 4AA	05/02/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.20317	9.58E-02	2.87E-01	—	pCi/L	—	—	2337	UU070400GAA401	UMTL
Spring 4AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.647	1.77E-02	7.60E-02	—	pCi/L	—	—	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.547	1.50E-02	4.06E-02	—	pCi/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.543	1.50E-02	4.64E-02	—	pCi/L	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.716	2.87E-02	2.20E-01	—	pCi/L	—	—	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.572	1.55E-02	4.00E-02	—	pCi/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.676	1.81E-02	4.34E-02	—	pCi/L	—	—	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0241	3.00E-03	4.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0422	4.07E-03	3.15E-02	—	pCi/L	—	J	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0275	2.94E-03	3.91E-02	—	pCi/L	U	U	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0233	5.67E-03	1.20E-01	—	pCi/L	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0241	3.37E-03	3.10E-02	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0257	3.47E-03	3.66E-02	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.284	1.00E-02	4.20E-02	—	pCi/L	—	—	09-27	CAWR-08-15518	GELC
Spring 4AA	09/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.279	9.57E-03	3.55E-02	—	pCi/L	—	—	194647	GF070900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.287	9.90E-03	4.94E-02	—	pCi/L	—	—	172500	GF060900GAA401	GELC
Spring 4AA	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.302	1.70E-02	1.20E-01	—	pCi/L	—	—	09-27	CAWR-08-15516	GELC
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.296	9.57E-03	3.50E-02	—	pCi/L	—	—	194647	GU070900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.272	9.63E-03	4.61E-02	—	pCi/L	—	—	172500	GU060900GAA401	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89	—	—	7.30E-01	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.6	—	—	7.25E-01	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.2	—	—	7.25E-01	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	95.8	—	—	7.25E-01	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.8	—	—	7.25E-01	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.081	—	—	6.70E-02	mg/L	J	J	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.109	—	—	6.60E-02	mg/L	J	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.078	—	—	6.60E-02	mg/L	J	—	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	—	0.077	—	—	6.60E-02	mg/L	J	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.3	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.8	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.4	—	—	3.00E-02	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.8	—	—	3.60E-02	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	3.60E-02	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.5	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	3.00E-02	mg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.3	—	—	3.60E-02	mg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.5	—	—	3.60E-02	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.61	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.53	—	—	6.60E-02	mg/L	—	J	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.46	—	—	6.60E-02	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.19	—	—	6.60E-02	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.71	—	—	6.60E-02	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	7.73	—	—	6.60E-02	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.517	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.482	—	—	3.30E-02	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.428	—	—	3.30E-02	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.459	—	—	3.30E-02	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.472	—	—	3.30E-02	mg/L	—	U	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.466	—	—	3.30E-02	mg/L	—	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.1	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	88.3	—	—	4.25E-01	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	90.1	—	—	4.40E-01	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	85	—	—	8.50E-02	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.4	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	84.9	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.6	—	—	4.25E-01	mg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	92.3	—	—	4.40E-01	mg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	89.1	—	—	8.50E-02	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.79	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.15	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.41	—	—	8.50E-02	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.6	—	—	8.50E-02	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.21	—	—	8.50E-02	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.79	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.24	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.65	—	—	8.50E-02	mg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.87	—	—	8.50E-02	mg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.59	—	—	8.50E-02	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.875	—	—	5.00E-02	mg/L	—	J	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.91	—	—	5.00E-02	mg/L	—	J	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.795	—	—	5.00E-02	mg/L	—	J	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.671	—	—	1.00E-02	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.383	—	—	1.40E-02	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.451	—	—	1.40E-02	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.563	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.515	—	—	5.00E-02	µg/L	—	J	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.452	—	—	5.00E-02	µg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185322	GF070400GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.426	—	—	5.00E-02	µg/L	—	J-	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.371	—	—	5.00E-02	µg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.74	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	5.00E-02	mg/L	E	J	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	5.00E-02	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.63	—	—	5.00E-02	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.9	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	5.00E-02	mg/L	E	J	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.95	—	—	5.00E-02	mg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.85	—	—	5.00E-02	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.5	—	—	3.20E-02	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.2	—	—	3.20E-02	mg/L	—	—	185322	GF070400GB4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.4	—	—	3.20E-02	mg/L	E	J	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	59.4	—	—	3.20E-02	mg/L	E	J	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	4.50E-02	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	4.50E-02	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	E	J	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	4.50E-02	mg/L	E	J	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	234	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	227	—	—	1.00E+00	µS/cm	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	234	—	—	1.00E+00	µS/cm	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	245	—	—	1.00E+00	µS/cm	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	246	—	—	1.00E+00	µS/cm	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	247	—	—	1.00E+00	µS/cm	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.08	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.56	—	—	1.00E-01	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.87	—	—	1.00E-01	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.64	—	—	1.00E-01	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.87	—	—	1.00E-01	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.87	—	—	1.00E-01	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	88.8	—	—	1.30E+00	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6.4	—	—	1.10E+00	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	17.6	—	—	1.14E+00	mg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	30	—	—	2.28E+00	mg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	23.3	—	—	1.43E+00	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	179	—	—	2.40E+00	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	178	—	—	2.38E+00	mg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	190	—	—	2.38E+00	mg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	176	—	—	2.38E+00	mg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	181	—	—	2.38E+00	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.024	—	—	1.00E-02	mg/L	J	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.324	—	—	2.90E-02	mg/L	—	J	09-19	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.053	—	—	2.90E-02	mg/L	J	J	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.094	—	—	2.90E-02	mg/L	J	JN-	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.184	—	—	2.90E-02	mg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.265	—	—	1.00E-02	mg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.38	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.54	—	—	3.30E-01	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.992	—	—	3.30E-01	mg/L	J	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.979	—	—	3.30E-01	mg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.53	—	—	3.30E-01	mg/L	—	—	172311	GU060900GB4S02	GELC
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	08-1065	CAWR-08-12104	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	1.00E-02	SU	H	J	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.16	—	—	1.00E-02	SU	H	J	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	1.00E-02	SU	H	J	172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.23	—	—	1.00E-02	SU	H	J	172500	GU060900GB4S01	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	µg/L	U	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	560	—	—	6.80E+01	µg/L	N	J+	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	280	—	—	6.80E+01	µg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	381	—	—	6.80E+01	µg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1280	—	—	6.80E+01	µg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	741	—	—	6.80E+01	µg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.1	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.6	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	52.2	—	—	1.00E+00	µg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	51.4	—	—	1.00E+00	µg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45	—	—	1.00E+00	µg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	49.2	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	53.3	—	—	1.00E+00	µg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	60.8	—	—	1.00E+00	µg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.3	—	—	1.00E+00	µg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.7	—	—	2.50E+00	µg/L	J	J	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.00E+00	µg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.3	—	—	1.00E+00	µg/L	—	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	2.50E+00	µg/L	J	J	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.6	—	—	1.00E+00	µg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.8	—	—	1.00E+00	µg/L	—	U	172500	GU060900GB4S01	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	µg/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	41.9	—	—	2.50E+01	µg/L	J	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	138	—	—	1.80E+01	µg/L	—	J+	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	38.7	—	—	1.80E+01	µg/L	J	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	417	—	—	2.50E+01	µg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	218	—	—	2.50E+01	µg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	332	—	—	2.50E+01	µg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1150	—	—	1.80E+01	µg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	650	—	—	1.80E+01	µg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.51	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.59	—	—	5.00E-01	µg/L	J	—	185322	GU070400GB4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	µg/L	U	—	172500	GU060900GB4S01	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.4	—	—	2.00E+00	µg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.8	—	—	2.00E+00	µg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.7	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.5	—	—	2.00E+00	µg/L	J	J	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.7	—	—	2.00E+00	µg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.7	—	—	2.00E+00	µg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12	—	—	2.00E+00	µg/L	—	J+	172500	GU060900GB4S01	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	µg/L	—	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	µg/L	—	U	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.8	—	—	2.00E+00	µg/L	J	U, J+	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	5.00E-01	µg/L	J	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.7	—	—	5.00E-01	µg/L	J	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	µg/L	J	J	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	5.00E-01	µg/L	J	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	µg/L	J	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	µg/L	J	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.9	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.7	—	—	3.20E-02	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	µg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1.00E+00	µg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	µg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	µg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1.00E+00	µg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1.00E+00	µg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.65	—	—	3.00E-01	µg/L	J	J	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	µg/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.47	—	—	4.00E-01	µg/L	J	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	172500	GF060900GB4S01	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	µg/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	172500	GU060900GB4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	µg/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	µg/L	—	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	µg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	µg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	µg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1.00E+00	µg/L	J	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.2	—	—	1.00E+00	µg/L	—	J+	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	µg/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	µg/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.3	—	—	1.00E+00	µg/L	—	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.3	—	—	1.00E+00	µg/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15507	GELC
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.9	—	—	2.00E+00	µg/L	J	—	194647	GF070900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.2	—	—	2.00E+00	µg/L	J	—	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5	—	—	2.00E+00	µg/L	J	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15504	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2.00E+00	µg/L	J	—	194647	GU070900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.4	—	—	2.00E+00	µg/L	J	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6	—	—	2.00E+00	µg/L	J	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00142	1.10E-03	2.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00131	7.47E-04	4.04E-02	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00488	2.35E-03	2.94E-02	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00504	1.20E-03	2.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00895	1.87E-03	4.77E-02	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0145	4.23E-03	2.53E-02	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.12	5.00E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.1	3.02E-01	2.63E+00	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.85	4.13E-01	4.79E+00	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.704	3.67E-01	3.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.458	1.78E-01	1.79E+00	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.03	5.13E-01	5.23E+00	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.93	4.33E-01	4.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.937	2.68E-01	2.70E+00	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.52	3.93E-01	4.74E+00	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.37	3.33E-01	2.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.44	1.98E-01	1.88E+00	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.9	4.97E-01	5.15E+00	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.36	5.33E+00	3.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	46.1	5.30E+01	1.33E+02	—	pCi/L	U	U	194647	GF070900GB4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	117	2.39E+01	3.57E+02	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	14.8	6.00E+00	3.50E+01	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	53.7	1.33E+01	1.50E+02	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	95.2	2.12E+01	3.01E+02	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.66	3.33E+00	3.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.28	1.28E+00	1.11E+01	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.82	3.07E+00	3.19E+01	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13	3.33E+00	2.90E+01	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.82	1.40E+00	1.29E+01	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	25.4	4.10E+00	4.35E+01	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-1.37E-09	2.33E-03	4.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0071	2.37E-03	2.84E-02	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00191	1.69E-03	1.84E-02	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00611	2.03E-03	4.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00355	1.45E-03	2.84E-02	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00237	1.37E-03	2.28E-02	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.37E-09	2.33E-03	4.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00886	1.78E-03	3.35E-02	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00765	2.02E-03	2.14E-02	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0122	2.50E-03	5.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00355	1.87E-03	3.36E-02	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00237	2.62E-03	2.65E-02	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.5	6.33E+00	5.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	18.3	2.66E+00	2.87E+01	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.6	5.33E+00	3.58E+01	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.88	5.33E+00	5.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.2	3.12E+00	1.72E+01	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	37.3	6.93E+00	8.83E+01	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.98	4.33E-01	4.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.03	2.62E-01	2.43E+00	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.97	4.37E-01	3.33E+00	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.2	4.00E-01	4.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.725	1.82E-01	1.91E+00	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.44	5.53E-01	5.64E+00	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.153	3.67E-02	3.90E-01	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0202	4.10E-02	4.48E-01	—	pCi/L	U	U	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.128	2.98E-02	3.02E-01	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.271	3.67E-02	5.00E-01	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.206	3.77E-02	3.62E-01	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0505	2.52E-02	3.21E-01	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	16.961216	9.61E-01	3.63E+00	—	pCi/L	—	U	09-29	CAWR-08-15504	ARSL
Spring 4B	04/24/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	26.5019	2.87E-01	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12102	UMTL
Spring 4B	09/25/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.64121	3.19E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900GB4S01	UMTL
Spring 4B	05/01/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	31.6107	3.19E-01	2.87E-01	—	pCi/L	—	—	2336	UU070400GB4S01	UMTL
Spring 4B	09/18/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	31.2914	3.19E-01	2.87E-01	—	pCi/L	—	—	2273	UU060900GB4S01	UMTL
Spring 4B	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.635	4.00E-02	4.10E-01	—	pCi/L	—	—	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.702	1.74E-02	3.75E-02	—	pCi/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.645	1.86E-02	4.95E-02	—	pCi/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.38	5.67E-02	4.70E-01	—	pCi/L	—	—	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.754	1.93E-02	3.94E-02	—	pCi/L	—	—	194647	GU070900GB4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.78	1.93E-02	3.66E-02	—	pCi/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0872	1.70E-02	2.20E-01	—	pCi/L	U	U	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0308	3.04E-03	2.90E-02	—	pCi/L	—	J	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0117	1.97E-03	4.17E-02	—	pCi/L	U	U	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0166	1.67E-02	2.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0129	4.77E-03	3.05E-02	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0585	3.90E-03	3.08E-02	—	pCi/L	—	J	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.447	2.63E-02	2.30E-01	—	pCi/L	—	—	09-21	CAWR-08-15507	GELC
Spring 4B	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.372	1.09E-02	3.28E-02	—	pCi/L	—	—	194647	GF070900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.382	1.27E-02	5.26E-02	—	pCi/L	—	—	172500	GF060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.59	4.00E-02	2.60E-01	—	pCi/L	—	—	09-21	CAWR-08-15504	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.401	1.24E-02	3.45E-02	—	pCi/L	—	—	194647	GU070900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.422	1.21E-02	3.89E-02	—	pCi/L	—	—	172500	GU060900GB4S01	GELC
Spring 4B	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.62	—	—	1.30E+00	µg/L	J	J	09-19	CAWR-08-15506	GELC
Spring 4B	04/24/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.77	—	—	1.30E+00	µg/L	J	J	08-1064	CAWR-08-12102	GELC
Spring 4B	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	µg/L	U	—	194557	GU070900GB4S02	GELC
Spring 4B	05/01/07	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	µg/L	U	—	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	µg/L	U	—	172311	GU060900GB4S02	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	7.30E-01	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.5	—	—	7.30E-01	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79	—	—	7.25E-01	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.3	—	—	7.25E-01	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.7	—	—	7.25E-01	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.7	—	—	7.25E-01	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.093	—	—	6.70E-02	mg/L	J	J	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0757	—	—	6.70E-02	mg/L	J	J	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.185	—	—	6.60E-02	mg/L	J	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	3.00E-02	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.1	—	—	3.60E-02	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	3.60E-02	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.8	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23	—	—	3.00E-02	mg/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.1	—	—	3.60E-02	mg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.60E-02	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.3	—	—	6.60E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.38	—	—	6.60E-02	mg/L	—	J	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.29	—	—	6.60E-02	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.34	—	—	6.60E-02	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.42	—	—	6.60E-02	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	6.4	—	—	6.60E-02	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.49	—	—	3.30E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.472	—	—	3.30E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.445	—	—	3.30E-02	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.487	—	—	3.30E-02	mg/L	—	—	185322	GF070400GC4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.465	—	—	3.30E-02	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.469	—	—	3.30E-02	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.8	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.6	—	—	4.25E-01	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.8	—	—	4.40E-01	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.6	—	—	8.50E-02	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.1	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.8	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.7	—	—	4.25E-01	mg/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.9	—	—	4.40E-01	mg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.6	—	—	8.50E-02	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.55	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.29	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.36	—	—	8.50E-02	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.66	—	—	8.50E-02	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.38	—	—	8.50E-02	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.88	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.67	—	—	8.50E-02	mg/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.67	—	—	8.50E-02	mg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.52	—	—	8.50E-02	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.32	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.27	—	—	5.00E-02	mg/L	—	J	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.38	—	—	5.00E-02	mg/L	—	J	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.32	—	—	1.00E-02	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.36	—	—	1.40E-02	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.43	—	—	1.40E-02	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.626	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.628	—	—	5.00E-02	µg/L	—	J	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.653	—	—	5.00E-02	µg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185322	GF070400GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.702	—	—	5.00E-02	µg/L	—	J-	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.606	—	—	5.00E-02	µg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.75	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.16	—	—	5.00E-02	mg/L	E	J	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	5.00E-02	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	5.00E-02	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.92	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	5.00E-02	mg/L	E	J	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.94	—	—	5.00E-02	mg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	5.00E-02	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	51.1	—	—	3.20E-02	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.4	—	—	3.20E-02	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	3.20E-02	mg/L	—	J-	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.3	—	—	3.20E-02	mg/L	—	J-	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	4.50E-02	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	4.50E-02	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	4.50E-02	mg/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	4.50E-02	mg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	4.50E-02	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1.00E+00	µS/cm	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1.00E+00	µS/cm	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	µS/cm	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	222	—	—	1.00E+00	µS/cm	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	222	—	—	1.00E+00	µS/cm	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	220	—	—	1.00E+00	µS/cm	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.18	—	—	1.00E-01	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.33	—	—	1.00E-01	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.99	—	—	1.00E-01	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.3	—	—	1.00E-01	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.36	—	—	1.00E-01	mg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.48	—	—	1.00E-01	mg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8.49	—	—	2.70E+00	mg/L	J	J	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5	—	—	1.10E+00	mg/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.14	—	—	1.14E+00	mg/L	U	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	95.4	—	—	1.14E+00	mg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	2.28	—	—	2.28E+00	mg/L	UH	UJ	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.38E+00	mg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.38E+00	mg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	179	—	—	2.38E+00	mg/L	H	J	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	181	—	—	2.38E+00	mg/L	H	J	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.936	—	—	3.30E-01	mg/L	J	J	09-25	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.858	—	—	3.30E-01	mg/L	J	J	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.528	—	—	3.30E-01	mg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.647	—	—	3.30E-01	mg/L	J	U	172311	GU060900GC4S02	GELC
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	1.00E-02	SU	H	J-	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	1.00E-02	SU	H	J	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J	172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	1.00E-02	SU	H	J	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.9	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.8	—	—	1.00E+00	µg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.3	—	—	1.00E+00	µg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.9	—	—	1.00E+00	µg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.1	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.7	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12106	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.1	—	—	1.00E+00	µg/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	45.3	—	—	1.00E+00	µg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.7	—	—	1.00E+00	µg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	1.50E+00	µg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	2.50E+00	µg/L	J	J	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.00E+00	µg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.2	—	—	1.00E+00	µg/L	—	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.50E+00	µg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	2.50E+00	µg/L	J	J	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.00E+00	µg/L	J	JN-	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.6	—	—	1.00E+00	µg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.6	—	—	1.00E+00	µg/L	—	U	172551	GU060900GC4S01	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	µg/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	75.7	—	—	2.50E+01	µg/L	J	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	29.1	—	—	2.50E+01	µg/L	J	J	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	µg/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	25.3	—	—	2.50E+01	µg/L	J	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	41.3	—	—	1.80E+01	µg/L	J	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	µg/L	—	U	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.4	—	—	2.00E+00	µg/L	J	U, J+	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	1.00E-01	µg/L	—	U	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3	—	—	2.00E+00	µg/L	J	J+, U	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172551	GU060900GC4S01	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.54	—	—	5.00E-01	µg/L	J	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	5.00E-01	µg/L	J	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.66	—	—	5.00E-01	µg/L	J	J	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.56	—	—	5.00E-01	µg/L	J	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.2	—	—	1.00E+00	µg/L	J	J	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.4	—	—	1.00E+00	µg/L	J	J	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	172551	GF060900GC4S01	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.5	—	—	1.00E+00	µg/L	J	J	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	µg/L	U	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	µg/L	U	—	172551	GU060900GC4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.5	—	—	3.20E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.7	—	—	3.20E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	119	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1.00E+00	µg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	131	—	—	1.00E+00	µg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	121	—	—	1.00E+00	µg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	µg/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	131	—	—	1.00E+00	µg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	124	—	—	1.00E+00	µg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	µg/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1.7	—	—	4.00E-01	µg/L	*	U, J	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.53	—	—	3.00E-01	µg/L	J	J	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	µg/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.55	—	—	4.00E-01	µg/L	J*	U, J	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.93	—	—	5.00E-02	µg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	µg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.96	—	—	5.00E-02	µg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	µg/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	µg/L	—	—	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	µg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.3	—	—	1.00E+00	µg/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	µg/L	—	J+	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.6	—	—	1.00E+00	µg/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	µg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	µg/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10	—	—	1.00E+00	µg/L	—	J+	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	µg/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00726	1.83E-03	2.70E-02	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000494	1.26E-03	5.29E-02	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.026	5.03E-03	4.58E-02	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-12.2	2.37E+00	2.20E+01	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00419	7.33E-04	3.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00304	3.53E-03	5.28E-02	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0154	3.40E-03	4.22E-02	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.00936	4.67E-01	4.40E+00	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.15	4.33E-01	3.63E+00	—	pCi/L	U	U	194647	GF070900GC4S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.88	3.57E-01	3.82E+00	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.287	5.00E-01	4.60E+00	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.15	3.67E-01	3.93E+00	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.5	4.17E-01	3.88E+00	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0418	4.67E-01	4.50E+00	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.119	4.70E-01	4.63E+00	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.727	3.40E-01	3.56E+00	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.265	4.67E-01	4.50E+00	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.46	4.57E-01	4.99E+00	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.18	4.50E-01	4.79E+00	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	9.83	4.00E+00	3.30E+01	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	82	2.78E+01	3.26E+02	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	96.8	3.22E+01	3.25E+02	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.3	5.67E+00	3.10E+01	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	57.9	1.56E+01	1.84E+02	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	73.7	2.41E+01	2.59E+02	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.59	3.33E+00	3.30E+01	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.1	3.67E+00	3.41E+01	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.1	3.01E+00	2.72E+01	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.28	3.33E+00	3.20E+01	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.257	3.43E+00	3.19E+01	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	18.8	3.67E+00	3.85E+01	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00349	1.00E-03	2.60E-02	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.000417	1.64E-03	3.92E-02	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	1.85E-10	1.46E-03	2.98E-02	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.63E-03	3.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00201	6.70E-04	4.20E-02	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00625	2.09E-03	3.00E-02	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00174	1.30E-03	3.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00406	1.74E-03	4.61E-02	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0217	3.43E-03	3.47E-02	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00597	1.17E-03	3.40E-02	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0101	1.51E-03	4.95E-02	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00312	1.80E-03	3.50E-02	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.8	6.00E+00	5.50E+01	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.57	5.87E+00	5.18E+01	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.5	5.27E+00	4.68E+01	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.66	6.00E+00	6.40E+01	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.9	5.20E+00	4.60E+01	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.8	5.03E+00	6.32E+01	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.15	4.67E-01	4.90E+00	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.13	3.93E-01	4.25E+00	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.214	5.53E-01	4.63E+00	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.16	4.67E-01	3.80E+00	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.01	5.17E-01	4.82E+00	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.04	4.40E-01	5.44E+00	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0585	4.00E-02	4.30E-01	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0496	2.96E-02	3.22E-01	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0202	1.83E-02	1.91E-01	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0188	3.67E-02	4.40E-01	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0855	2.25E-02	3.00E-01	—	pCi/L	U	U	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.044	2.08E-02	2.19E-01	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	4.66178	3.73E-01	2.68E+00	—	pCi/L	—	U	09-31	CAWR-08-15508	ARSL
Spring 4C	04/24/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.91864	9.58E-02	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12106	UMTL
Spring 4C	09/25/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.11022	9.58E-02	2.87E-01	—	pCi/L	—	—	2409	UU070900GC4S01	UMTL
Spring 4C	05/01/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	9.38742	1.06E-01	2.87E-01	—	pCi/L	—	—	2336	UU070400GC4S01	UMTL
Spring 4C	09/19/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.78075	9.58E-02	2.87E-01	—	pCi/L	—	—	2273	UU060900GC4S01	UMTL
Spring 4C	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.744	2.70E-02	1.70E-01	—	pCi/L	—	—	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.13	2.73E-02	4.78E-02	—	pCi/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.973	2.56E-02	5.39E-02	—	pCi/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.777	2.80E-02	1.80E-01	—	pCi/L	—	—	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.08	2.58E-02	4.48E-02	—	pCi/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.08	2.63E-02	4.52E-02	—	pCi/L	—	—	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00605	6.00E-03	9.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.034	3.67E-03	3.70E-02	—	pCi/L	U	U	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0287	4.17E-03	4.54E-02	—	pCi/L	U	U	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	5.33E-03	9.40E-02	—	pCi/L	U	U	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0564	4.53E-03	3.47E-02	—	pCi/L	—	J	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.059	4.33E-03	3.82E-02	—	pCi/L	—	J	172551	GU060900GC4S01	GELC
Spring 4C	09/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.43	1.80E-02	9.50E-02	—	pCi/L	—	—	09-27	CAWR-08-15510	GELC
Spring 4C	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.626	1.71E-02	4.18E-02	—	pCi/L	—	—	194647	GF070900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.537	1.66E-02	5.73E-02	—	pCi/L	—	—	172551	GF060900GC4S01	GELC
Spring 4C	09/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.396	1.97E-02	1.00E-01	—	pCi/L	—	—	09-27	CAWR-08-15508	GELC
Spring 4C	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.548	1.55E-02	3.92E-02	—	pCi/L	—	—	194647	GU070900GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.547	1.57E-02	4.81E-02	—	pCi/L	—	—	172551	GU060900GC4S01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.3	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76	—	—	7.30E-01	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.9	—	—	7.25E-01	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74	—	—	7.25E-01	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.2	—	—	7.25E-01	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.2	—	—	7.25E-01	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.00E-02	mg/L	N	J+	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	3.00E-02	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	3.60E-02	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	3.60E-02	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.00E-02	mg/L	N	J+	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	3.00E-02	mg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.2	—	—	3.60E-02	mg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.3	—	—	3.60E-02	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.08	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.94	—	—	6.60E-02	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4	—	—	6.60E-02	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.96	—	—	6.60E-02	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.1	—	—	6.60E-02	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	4.11	—	—	6.60E-02	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.443	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.38	—	—	3.30E-02	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.352	—	—	3.30E-02	mg/L	—	—	194659	GF070900G5SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.41	—	—	3.30E-02	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.424	—	—	3.30E-02	mg/L	—	U	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.423	—	—	3.30E-02	mg/L	—	U	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.3	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.1	—	—	4.30E-01	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.5	—	—	4.25E-01	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	67.5	—	—	4.40E-01	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.2	—	—	8.50E-02	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.8	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63	—	—	4.30E-01	mg/L	—	—	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.1	—	—	4.25E-01	mg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.4	—	—	4.40E-01	mg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64.9	—	—	8.50E-02	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.91	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.61	—	—	8.50E-02	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.48	—	—	8.50E-02	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.96	—	—	8.50E-02	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.69	—	—	8.50E-02	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.08	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.57	—	—	8.50E-02	mg/L	—	—	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.58	—	—	8.50E-02	mg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.82	—	—	8.50E-02	mg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.64	—	—	8.50E-02	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.705	—	—	5.00E-02	mg/L	—	J	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.76	—	—	5.00E-02	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.688	—	—	1.00E-02	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.726	—	—	1.00E-02	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.664	—	—	1.40E-02	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.66	—	—	1.40E-02	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.463	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.412	—	—	5.00E-02	µg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.413	—	—	5.00E-02	µg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.415	—	—	5.00E-02	µg/L	—	J-	185322	GF070400G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.392	—	—	5.00E-02	µg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.04	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	5.00E-02	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.13	—	—	5.00E-02	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	5.00E-02	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.8	—	—	5.00E-02	mg/L	—	—	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	5.00E-02	mg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.92	—	—	5.00E-02	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67.4	—	—	3.20E-02	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	68.8	—	—	3.20E-02	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67	—	—	3.20E-02	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	66.1	—	—	3.20E-02	mg/L	—	—	172411	GU060900G5SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	4.50E-02	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	4.50E-02	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	4.50E-02	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1.00E+00	µS/cm	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	177	—	—	1.00E+00	µS/cm	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	188	—	—	1.00E+00	µS/cm	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	188	—	—	1.00E+00	µS/cm	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	187	—	—	1.00E+00	µS/cm	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.92	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.52	—	—	1.00E-01	mg/L	—	J-	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.75	—	—	1.00E-01	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.73	—	—	1.00E-01	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.73	—	—	1.00E-01	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.72	—	—	1.00E-01	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.38E+00	mg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.38E+00	mg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	2.38E+00	mg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.38E+00	mg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.742	—	—	3.30E-01	mg/L	J	J	09-19	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.663	—	—	3.30E-01	mg/L	J	J	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.338	—	—	3.30E-01	mg/L	J	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.433	—	—	3.30E-01	mg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.892	—	—	3.30E-01	mg/L	J	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	1.00E-02	SU	H	J	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	1.00E-02	SU	H	J	172411	GF060900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	1.00E-02	SU	H	J	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3	—	—	1.50E+00	µg/L	J	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.4	—	—	1.50E+00	µg/L	J	U	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172411	GF060900G5SW01	GELC
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.4	—	—	1.50E+00	µg/L	J	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.5	—	—	1.50E+00	µg/L	J	U	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.9	—	—	1.00E+00	µg/L	—	—	08-1087	CAWR-08-12116	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	µg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.8	—	—	1.00E+00	µg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.1	—	—	1.00E+00	µg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.1	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	µg/L	—	—	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.5	—	—	1.00E+00	µg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	µg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.1	—	—	1.00E+00	µg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.6	—	—	2.50E+00	µg/L	J	J	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.1	—	—	1.00E+00	µg/L	—	U	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1.00E+00	µg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.00E+00	µg/L	J	JN-	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.1	—	—	2.50E+00	µg/L	J	J	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.8	—	—	1.00E+00	µg/L	—	U	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.9	—	—	1.00E+00	µg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1.00E+00	µg/L	J	JN-	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.6	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.3	—	—	3.20E-02	mg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	91.9	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	85	—	—	1.00E+00	µg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	89.6	—	—	1.00E+00	µg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	91.7	—	—	1.00E+00	µg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.5	—	—	1.00E+00	µg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93.2	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.6	—	—	1.00E+00	µg/L	—	—	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.7	—	—	1.00E+00	µg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.1	—	—	1.00E+00	µg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.4	—	—	1.00E+00	µg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	5.00E-02	µg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	µg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	5.00E-02	µg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	5.00E-02	µg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.7	—	—	5.00E-02	µg/L	—	—	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.83	—	—	5.00E-02	µg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.66	—	—	5.00E-02	µg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.57	—	—	5.00E-02	µg/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15520	GELC
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.9	—	—	1.00E+00	µg/L	—	—	08-1087	CAWR-08-12116	GELC
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10	—	—	1.00E+00	µg/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	µg/L	—	—	185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	µg/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.4	—	—	1.00E+00	µg/L	—	—	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.1	—	—	1.00E+00	µg/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	µg/L	—	J+	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1.00E+00	µg/L	—	—	172411	GU060900G5SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	09/30/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00398	1.50E-03	2.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00064	2.68E-03	4.50E-02	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0103	2.76E-03	3.22E-02	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00585	2.68E-03	3.94E-02	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000929	8.67E-04	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0127	2.93E-03	4.58E-02	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0146	3.21E-03	2.71E-02	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0252	4.87E-03	3.68E-02	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	4.56	6.67E-01	4.00E+00	—	pCi/L	UI	R	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.72	3.25E-01	2.52E+00	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.02	3.90E-01	4.42E+00	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.185	2.16E-01	2.31E+00	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.499	4.00E-01	4.10E+00	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.415	2.38E-01	2.26E+00	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.55	4.60E-01	3.82E+00	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.25	4.53E-01	4.68E+00	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.314	3.67E-01	3.60E+00	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.174	2.27E-01	2.28E+00	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.6	4.30E-01	5.75E+00	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.38	2.65E-01	2.53E+00	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.1	4.67E-01	3.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.566	2.37E-01	2.22E+00	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.49	4.13E-01	5.06E+00	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.57	3.73E-01	4.57E+00	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	29.5	6.33E+00	3.50E+01	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	45.9	1.14E+01	1.26E+02	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	97.4	3.19E+01	4.30E+02	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	59.6	2.10E+01	2.36E+02	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8	1.63E+00	2.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	56.2	2.24E+01	1.73E+02	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	44.4	2.32E+01	1.42E+02	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	84.8	1.71E+01	3.12E+02	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.4	2.90E+00	3.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.58	2.69E+00	1.65E+01	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.89	1.97E+00	1.92E+01	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.31	1.82E+00	1.81E+01	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.17	3.13E+00	3.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.94	2.05E+00	1.66E+01	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.64	2.81E+00	2.93E+01	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.8	3.03E+00	3.01E+01	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00758	2.23E-03	3.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00214	1.01E-03	3.42E-02	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00403	1.90E-03	3.87E-02	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0273	4.67E-03	5.67E-02	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0107	3.13E-03	3.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.47E-04	3.58E-02	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0057	1.35E-03	2.74E-02	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0122	2.93E-03	5.05E-02	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00253	1.90E-03	4.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00427	1.74E-03	4.03E-02	—	pCi/L	U	U	194659	GF070900G5SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0161	3.80E-03	4.51E-02	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00273	3.28E-03	4.79E-02	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.02E-09	1.77E-03	3.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00224	1.29E-03	4.23E-02	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0228	3.57E-03	3.19E-02	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.017	3.53E-03	4.26E-02	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.9	5.67E+00	5.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.4	3.73E+00	2.59E+01	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	11.4	8.13E+00	5.30E+01	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	—	38.7	4.07E+00	2.24E+01	—	pCi/L	—	J	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.9	5.00E+00	3.60E+01	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.71	3.60E+00	2.70E+01	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	38.1	5.07E+00	6.37E+01	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.4	4.20E+00	4.97E+01	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.257	3.13E-01	3.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.177	2.36E-01	2.33E+00	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.645	3.50E-01	4.23E+00	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.447	2.77E-01	2.45E+00	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.688	4.33E-01	3.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.452	2.52E-01	2.41E+00	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.38	4.37E-01	5.47E+00	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.422	4.03E-01	4.32E+00	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.242	4.67E-02	4.60E-01	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.164	4.70E-02	4.74E-01	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.029	1.41E-02	1.41E-01	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.045	2.46E-02	3.99E-01	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.125	4.67E-02	5.00E-01	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.089	3.43E-02	4.15E-01	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.14	2.46E-02	2.93E-01	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.000838	2.75E-02	4.03E-01	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.231907	3.65E-01	3.68E+00	—	pCi/L	U	U	09-29	CAWR-08-15521	ARSL
Spring 5	04/30/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.62843	8.20E-01	8.24E+00	—	pCi/L	U	U	08-1116	CAWR-08-12114	ARSL
Spring 5	09/25/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900G5SW01	UMTL
Spring 5	05/01/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	9.58E-02	2.87E-01	—	pCi/L	—	U	2336	UU070400G5SW01	UMTL
Spring 5	09/19/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900G5SW01	UMTL
Spring 5	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.451	4.00E-02	6.60E-01	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.397	1.19E-02	4.29E-02	—	pCi/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.416	1.70E-02	8.96E-02	—	pCi/L	—	—	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.336	1.15E-02	8.06E-02	—	pCi/L	—	—	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.562	3.07E-02	4.50E-01	—	pCi/L	—	—	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.424	1.36E-02	5.35E-02	—	pCi/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.427	1.80E-02	9.19E-02	—	pCi/L	—	—	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.349	1.13E-02	6.77E-02	—	pCi/L	—	JN+	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0465	1.57E-02	3.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0258	2.64E-03	3.32E-02	—	pCi/L	U	U	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0106	3.53E-03	7.55E-02	—	pCi/L	U	U	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0261	3.47E-03	6.07E-02	—	pCi/L	U	U	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0316	1.07E-02	2.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0322	3.30E-03	4.15E-02	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0109	3.63E-03	7.75E-02	—	pCi/L	U	U	172411	GU060900G5SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00275	2.05E-03	5.10E-02	—	pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.169	1.90E-02	3.70E-01	—	pCi/L	U	U	09-21	CAWR-08-15520	GELC
Spring 5	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.184	7.37E-03	3.75E-02	—	pCi/L	—	—	194659	GF070900G5SW01	GELC
Spring 5	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.202	1.14E-02	9.52E-02	—	pCi/L	—	J	172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.167	8.10E-03	5.71E-02	—	pCi/L	—	J	146889	GF05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.357	2.33E-02	2.50E-01	—	pCi/L	—	—	09-21	CAWR-08-15521	GELC
Spring 5	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.249	9.50E-03	4.69E-02	—	pCi/L	—	—	194659	GU070900G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.211	1.19E-02	9.77E-02	—	pCi/L	—	J	172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.2	8.07E-03	4.80E-02	—	pCi/L	—	JN+	146889	GU05090G5SW01	GELC
Spring 5	09/30/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	6.48	—	—	1.30E+00	µg/L	—	J	09-19	CAWR-08-15521	GELC
Spring 5	04/30/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.56	—	—	1.30E+00	µg/L	J	J	08-1087	CAWR-08-12114	GELC
Spring 5	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	µg/L	U	—	194659	GU070900G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	6.08	—	—	1.25E+00	µg/L	—	—	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	µg/L	U	—	172411	GU060900G5SW01	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	109	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	101	—	—	1.45E+00	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SM:A2320B	Alkalinity-CO3+HCO3	—	109	—	—	1.00E+00	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.7	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.54E-03	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.4	—	—	3.55E-02	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.5	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.02	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.04	—	—	3.22E-02	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SW-846:9056	Chloride	—	4.14	—	—	2.60E-02	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.368	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.4	—	—	5.53E-02	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	EPA:340.2	Fluoride	—	0.387	—	—	7.00E-03	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.1	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	64.9	—	—	5.54E-03	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.9	—	—	1.03E-01	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.3	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	5.18E-03	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.42	—	—	3.54E-03	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.91	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.39	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	121725	GU04090GA5S01	GELC
Spring 5A	09/14/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.334	—	—	5.00E-02	µg/L	—	—	121725	GU04090GA5S01	GELC
Spring 5A	09/26/00	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	1.04	—	—	1.04E+00	µg/L	U	—	32223	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.26	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.71	—	—	1.65E-02	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.94	—	—	1.64E-02	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.99	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.1	—	—	2.12E-02	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	57.5	—	—	1.86E-02	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.8	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.2	—	—	1.44E-02	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.2	—	—	1.30E-02	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.2	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	249	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15527	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	212	—	—	1.00E+00	µS/cm	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	187	—	—	1.00E+00	µS/cm	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.4	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.99	—	—	1.93E-01	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	SW-846:9056	Sulfate	—	6.76	—	—	7.90E-02	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	664	—	—	3.20E+00	mg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	3.07E+00	mg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	184	—	—	6.29E+00	mg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/26/00	WG	F	DUP	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	199	—	—	6.29E+00	mg/L	—	J	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.18	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.58	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.97	—	—	—	SU	H	J	121724	GF04090GA5S01	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	14.7	—	—	1.47E+01	µg/L	U	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	18.5	—	—	2.34E+01	µg/L	B	U	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2950	—	—	6.80E+01	µg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	—	3.9	—	—	2.24E+00	µg/L	J	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.57	—	—	2.57E+00	µg/L	U	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.5	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.3	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.1	—	—	2.22E-01	µg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	46.9	—	—	7.48E-01	µg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	71	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.8	—	—	1.00E+01	µg/L	J	J	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	33.1	—	—	4.88E+00	µg/L	J	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	30.1	—	—	4.74E+00	µg/L	B	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.6	—	—	1.00E+01	µg/L	J	J	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.4	—	—	5.03E-01	µg/L	J	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	2.07	—	—	1.06E+00	µg/L	B	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.8	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	12.6	—	—	1.26E+01	µg/L	U	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	23.1	—	—	1.99E+01	µg/L	B	U	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2420	—	—	2.50E+01	µg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.05	—	—	5.00E-02	µg/L	U	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Lead	<	1.83	—	—	1.83E+00	µg/L	U	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.1	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15528	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	19.3	—	—	2.96E-01	µg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	53.6	—	—	1.15E+00	µg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	71.9	—	—	2.00E+00	µg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.66	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	6.90E-01	µg/L	U	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	3.09	—	—	3.09E+00	µg/L	U	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	µg/L	J	J	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.3	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	198	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	178	—	—	1.78E-01	µg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	175	—	—	4.69E-01	µg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	211	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15527	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	2.00E-02	µg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.2	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.3	—	—	6.06E-01	µg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	8.90E-01	µg/L	—	—	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.9	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.7	—	—	8.83E-01	µg/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	1.22	—	—	3.89E+00	µg/L	B	U	32208	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.8	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0111	1.17E-03	3.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00715	1.46E-03	2.80E-02	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.0129	3.05E-03	3.00E-02	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	EPA:901.1	Americium-241	<	-2.11	2.54E+00	2.49E+01	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00369	1.17E-03	3.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0179	3.67E-01	3.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.739	2.71E-01	2.95E+00	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	—	3.92	4.87E-01	3.38E+00	—	pCi/L	—	J	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.12	4.00E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0523	4.00E-01	3.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0317	2.88E-01	3.12E+00	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.611	3.04E-01	3.68E+00	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0882	4.67E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	10.4	4.67E+00	2.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	99.1	2.01E+01	2.86E+02	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	5.17	2.43E+00	1.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.12	3.33E+00	3.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.62	1.86E+00	1.97E+01	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.28	2.43E+00	2.69E+01	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.79	3.00E+00	2.90E+01	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0041	1.37E-03	3.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.00388	1.29E-03	3.00E-02	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	-0.00344	1.99E-03	3.19E-02	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0153	3.07E-03	4.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00615	1.53E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.00582	1.45E-03	3.10E-02	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.0103	3.07E-03	3.19E-02	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00306	1.77E-03	5.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.5	5.00E+00	5.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	26.6	3.13E+00	3.87E+01	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	37.3	3.90E+00	5.12E+01	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.7	6.33E+00	6.90E+01	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.24	3.17E-01	2.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.269	2.33E-01	2.66E+00	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.353	3.05E-01	3.61E+00	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.38	4.00E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.107	4.33E-02	4.90E-01	—	pCi/L	U	U	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	-0.0145	2.45E-02	3.40E-01	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.239	3.47E-02	3.42E-01	—	pCi/L	—	U	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.196	4.00E-02	4.70E-01	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5A	09/30/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.300142	3.65E-01	3.73E+00	—	pCi/L	U	U	09-29	CAWR-08-15528	ARSL
Spring 5A	09/14/04	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-34.8	1.63E+01	1.64E+02	—	pCi/L	U	U	121725	GU04090GA5S01	GELC
Spring 5A	09/14/04	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.08562	9.58E-02	—	2.87E-01	pCi/L	—	J	1948	UU04090GA5S01	UMTL
Spring 5A	09/14/04	WG	UF	DUP	—	Rad	LLEE	Tritium	—	0.76632	9.58E-02	—	2.87E-01	pCi/L	—	J	1948	UU04090GA5S01	UMTL
Spring 5A	09/26/00	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-148	1.73E+01	1.89E+02	—	pCi/L	—	U	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.46	5.33E-02	4.50E-01	—	pCi/L	—	—	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.624	1.45E-02	6.30E-02	—	pCi/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.922	4.00E-02	1.06E-01	—	pCi/L	—	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.16	4.67E-02	4.30E-01	—	pCi/L	—	—	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.251	2.27E-02	2.30E-01	—	pCi/L	—	—	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.00876	2.53E-03	4.10E-02	—	pCi/L	U	U	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.015	4.93E-03	7.27E-02	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0916	1.27E-02	2.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.763	3.67E-02	2.50E-01	—	pCi/L	—	—	09-21	CAWR-08-15527	GELC
Spring 5A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.365	1.02E-02	4.40E-02	—	pCi/L	—	—	121724	GF04090GA5S01	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.488	2.68E-02	1.06E-01	—	pCi/L	—	—	32009	GM00091GA5S	GELC
Spring 5A	09/26/00	WG	F	CS	—	Rad	EPA:901.1	Uranium-238	<	51.4	2.72E+01	1.91E+02	—	pCi/L	U	—	32009	GM00091GA5S	GELC
Spring 5A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.593	3.07E-02	2.40E-01	—	pCi/L	—	—	09-21	CAWR-08-15528	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.2	—	—	7.25E-01	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.1	—	—	7.25E-01	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	1.45E+00	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65	—	—	1.45E+00	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.1	—	—	7.25E-01	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	3.00E-02	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	3.60E-02	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	3.60E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.54E-03	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	3.00E-02	mg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	3.60E-02	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	3.60E-02	mg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.15	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.15	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.04	—	—	6.60E-02	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.12	—	—	6.60E-02	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.14	—	—	5.30E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.17	—	—	3.22E-02	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.07	—	—	6.60E-02	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.365	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.363	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.308	—	—	3.30E-02	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.376	—	—	3.30E-02	mg/L	—	J+, U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.343	—	—	3.00E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.371	—	—	5.53E-02	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.418	—	—	3.30E-02	mg/L	—	U	172456	GU060900G6SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	45	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.6	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.8	—	—	4.25E-01	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.2	—	—	8.50E-02	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	42.9	—	—	5.54E-03	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	47	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.2	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.6	—	—	4.25E-01	mg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.7	—	—	8.50E-02	mg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.78	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.83	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.44	—	—	8.50E-02	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	8.50E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.58	—	—	5.18E-03	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.95	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.92	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	8.50E-02	mg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	8.50E-02	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.346	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.341	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.301	—	—	5.00E-02	µg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172456	GF060900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.277	—	—	5.00E-02	µg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.311	—	—	5.00E-02	µg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.349	—	—	5.00E-02	µg/L	—	—	121725	GU04090G6SW01	GELC
Spring 6	09/14/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	121725	GU04090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.07	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.06	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	1.65E-02	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.15	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	5.00E-02	mg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.4	—	—	3.20E-02	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	3.20E-02	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.8	—	—	3.20E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	69.9	—	—	2.12E-02	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.5	—	—	3.20E-02	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.4	—	—	3.20E-02	mg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15531	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.98	—	—	1.44E-02	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	4.50E-02	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	µS/cm	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	146	—	—	1.00E+00	µS/cm	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	µS/cm	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	µS/cm	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	2.64	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.63	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.4	—	—	1.00E-01	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.39	—	—	1.00E-01	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.56	—	—	5.70E-02	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.61	—	—	1.93E-01	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.34	—	—	1.00E-01	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.38E+00	mg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.38E+00	mg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.38E+00	mg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.38E+00	mg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	3.07E+00	mg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	1.1	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.01	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.392	—	—	3.30E-01	mg/L	J	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.609	—	—	3.30E-01	mg/L	J	U	172456	GU060900G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.75	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	1.00E-02	SU	H	J	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	1.00E-02	SU	H	J	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.06	—	—	1.00E-02	SU	H	J	146889	GF05090G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	1.00E-02	SU	H	J	172456	GU060900G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	25	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.7	—	—	1.00E+00	µg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	µg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.6	—	—	1.00E+00	µg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.9	—	—	2.22E-01	µg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	25.3	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	µg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.7	—	—	1.00E+00	µg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.9	—	—	1.00E+00	µg/L	—	—	146889	GU05090G6SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	09/30/08	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.6	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.9	—	—	1.00E+00	µg/L	—	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.00E+00	µg/L	—	JN-	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	4.1	—	—	1.00E+00	µg/L	J	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	4.4	—	—	5.03E-01	µg/L	J	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.1	—	—	1.00E+00	µg/L	—	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.00E+00	µg/L	—	JN-	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	4.1	—	—	1.00E+00	µg/L	J	—	146889	GU05090G6SW01	GELC
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	12.6	—	—	1.26E+01	µg/L	U	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	135	—	—	2.50E+01	µg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	72	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.1	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/30/08	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	60.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	61.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.5	—	—	1.00E+00	µg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.1	—	—	1.00E+00	µg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.2	—	—	1.00E+00	µg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57	—	—	1.78E-01	µg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	63.2	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.7	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.1	—	—	1.00E+00	µg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.8	—	—	1.00E+00	µg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.8	—	—	1.00E+00	µg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	5.00E-02	µg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	µg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	5.00E-02	µg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.36	—	—	2.00E-02	µg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.33	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.47	—	—	5.00E-02	µg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.28	—	—	5.00E-02	µg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	5.00E-02	µg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	µg/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	µg/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1.00E+00	µg/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	6.06E-01	µg/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	8.3	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15534	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	µg/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1.00E+00	µg/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.9	—	—	1.00E+00	µg/L	—	—	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	HASL-300	Americium-241	<	-0.00263	1.97E-03	2.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00381	1.03E-03	3.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00327	2.44E-03	4.02E-02	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0075	2.26E-03	4.33E-02	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00814	5.27E-03	4.67E-02	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00364	1.21E-03	2.90E-02	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00688	2.37E-03	2.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0219	2.47E-03	2.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00113	3.24E-03	4.16E-02	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00785	5.37E-03	4.72E-02	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0174	4.00E-03	4.27E-02	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	EPA:901.1	Cesium-137	<	3.8	5.00E-01	5.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.31	5.33E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.164	2.38E-01	2.35E+00	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.558	3.83E-01	4.12E+00	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.602	3.29E-01	3.45E+00	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.699	2.35E-01	2.38E+00	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-0.765	4.67E-01	4.10E+00	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0797	4.67E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.347	2.31E-01	2.28E+00	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.7	4.10E-01	4.74E+00	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.05	4.00E-01	4.41E+00	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	EPA:901.1	Cobalt-60	<	1.75	4.33E-01	5.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.55	5.00E-01	5.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.52	2.60E-01	2.47E+00	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.227	4.43E-01	5.16E+00	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.89	3.63E-01	4.40E+00	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.377	2.65E-01	3.00E+00	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.781	4.00E-01	3.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.505	4.67E-01	4.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.481	2.45E-01	2.46E+00	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.4	4.23E-01	5.18E+00	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2	3.47E-01	4.84E+00	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	EPA:901.1	Gross gamma	<	19.1	3.67E+00	1.20E+01	—	pCi/L	—	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	17	5.33E+00	1.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	103	4.07E+01	2.66E+02	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	90.3	2.99E+01	3.77E+02	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.2	9.53E+01	2.85E+02	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	85.9	2.99E+01	2.32E+02	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	10	3.67E+00	2.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	7.5	1.83E+00	1.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66	1.83E+01	1.93E+02	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	101	2.61E+01	3.78E+02	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	92.8	3.01E+01	3.78E+02	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	EPA:901.1	Neptunium-237	<	3.34	3.33E+00	3.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.87	3.67E+00	3.50E+01	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.41	1.16E+00	1.15E+01	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.71	3.40E+00	3.39E+01	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.13	2.60E+00	2.65E+01	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.67	1.82E+00	1.91E+01	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	4.55	3.33E+00	3.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.5	4.00E+00	3.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.04	1.79E+00	1.54E+01	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.47	2.95E+00	3.16E+01	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.59	2.96E+00	3.05E+01	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00224	1.30E-03	3.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	3.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	1.29E-10	1.02E-03	3.46E-02	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00265	1.53E-03	2.55E-02	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0025	4.50E-03	5.19E-02	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.0048	1.96E-03	3.70E-02	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00228	1.07E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.00E-04	3.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.61E-10	1.03E-03	3.50E-02	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00533	3.97E-03	2.56E-02	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00771	2.27E-03	5.34E-02	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00894	2.10E-03	3.80E-02	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00226	1.70E-03	3.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00865	1.45E-03	4.09E-02	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0053	2.17E-03	2.97E-02	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00749	4.00E-03	4.38E-02	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.00961	2.27E-03	3.80E-02	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00455	2.13E-03	3.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00209	1.20E-03	3.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00656	1.93E-03	4.13E-02	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0187	4.07E-03	2.98E-02	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00257	3.32E-03	4.51E-02	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	EPA:901.1	Potassium-40	<	-13.7	5.00E+00	5.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	13.2	6.67E+00	7.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	50	4.73E+00	2.33E+01	—	pCi/L	UI	R	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	71	6.00E+00	7.98E+01	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	37.2	4.20E+00	5.22E+01	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	—	53.7	5.73E+00	2.64E+01	—	pCi/L	—	J	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	4.25	6.67E+00	6.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.1	5.33E+00	5.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.8	4.87E+00	2.03E+01	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	58.7	4.07E+00	5.90E+01	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.69	3.97E+00	4.51E+01	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	EPA:901.1	Sodium-22	<	1.63	5.67E-01	5.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.582	4.67E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.533	3.12E-01	2.46E+00	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.82	4.40E-01	5.52E+00	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.04	2.39E-01	3.18E+00	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.75	2.77E-01	2.88E+00	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	1.17	4.00E-01	4.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.759	4.33E-01	4.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.384	2.31E-01	2.02E+00	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.36	3.60E-01	4.12E+00	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.67	3.80E-01	4.39E+00	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.0273	3.67E-02	4.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.219	4.67E-02	4.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.114	4.43E-02	5.08E-01	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00494	3.29E-02	3.77E-01	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0222	2.57E-02	3.87E-01	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.0344	1.73E-02	2.32E-01	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0217	2.57E-02	3.00E-01	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0397	3.20E-02	3.90E-01	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0684	2.81E-02	2.98E-01	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0485	2.44E-02	3.07E-01	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0435	2.67E-02	3.75E-01	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-2.049906	3.73E-01	3.78E+00	—	pCi/L	U	U	09-29	CAWR-08-15534	ARSL
Spring 6	09/30/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.376183	3.44E-01	3.52E+00	—	pCi/L	U	U	09-29	CAWR-08-15532	ARSL
Spring 6	09/25/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.41509	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900G6SW01	UMTL
Spring 6	09/19/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.57474	9.58E-02	2.87E-01	—	pCi/L	—	J	2273	UU060900G6SW01	UMTL
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	46.3	2.56E+01	2.59E+02	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/14/04	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-33.5	1.68E+01	1.69E+02	—	pCi/L	U	U	121725	GU04090G6SW01	GELC
Spring 6	09/14/04	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.86211	9.58E-02	—	2.87E-01	pCi/L	—	J	1952	UU04090G6SW01	UMTL
Spring 6	09/14/04	WG	UF	DUP	—	Rad	LLEE	Tritium	<	0.51088	9.58E-02	—	2.87E-01	pCi/L	—	U	1952	UU04090G6SW01	UMTL
Spring 6	09/30/08	WG	F	CS	FD	Rad	HASL-300	Uranium-234	<	0.378	2.80E-02	4.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.454	2.80E-02	4.70E-01	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.209	8.30E-03	4.77E-02	—	pCi/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.22	9.47E-03	4.78E-02	—	pCi/L	—	—	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.237	9.17E-03	7.44E-02	—	pCi/L	—	—	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.256	1.20E-02	8.20E-02	—	pCi/L	—	—	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.462	2.73E-02	4.40E-01	—	pCi/L	—	—	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.49	2.97E-02	4.40E-01	—	pCi/L	—	—	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.201	9.00E-03	5.35E-02	—	pCi/L	—	—	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.246	9.70E-03	5.04E-02	—	pCi/L	—	—	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.261	1.02E-02	8.85E-02	—	pCi/L	—	JN+	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0622	1.03E-02	2.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0165	1.23E-02	2.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0183	3.16E-03	3.69E-02	—	pCi/L	U	U	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0142	3.14E-03	4.03E-02	—	pCi/L	U	U	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0121	2.85E-03	5.60E-02	—	pCi/L	U	U	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	-0.00573	5.57E-03	5.30E-02	—	pCi/L	U	U	121724	GF04090G6SW01	GELC
Spring 6	09/30/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0618	1.03E-02	2.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0466	1.17E-02	2.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0147	3.25E-03	4.15E-02	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00896	2.64E-03	4.25E-02	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0251	3.60E-03	6.66E-02	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6	09/30/08	WG	F	CS	FD	Rad	HASL-300	Uranium-238	<	0.0881	1.63E-02	2.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15533	GELC
Spring 6	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.133	1.70E-02	2.60E-01	—	pCi/L	U	U	09-21	CAWR-08-15531	GELC
Spring 6	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.127	6.20E-03	4.17E-02	—	pCi/L	—	—	194659	GF070900G6SW01	GELC
Spring 6	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0871	5.77E-03	5.08E-02	—	pCi/L	—	J	172456	GF060900G6SW01	GELC
Spring 6	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0903	5.53E-03	5.27E-02	—	pCi/L	—	J	146889	GF05090G6SW01	GELC
Spring 6	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.151	8.90E-03	5.80E-02	—	pCi/L	—	J	121724	GF04090G6SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	09/30/08	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.175	1.70E-02	2.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15534	GELC
Spring 6	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.113	1.27E-02	2.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15532	GELC
Spring 6	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0948	5.57E-03	4.69E-02	—	pCi/L	—	J	194659	GU070900G6SW01	GELC
Spring 6	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.106	6.27E-03	5.36E-02	—	pCi/L	—	J	172456	GU060900G6SW01	GELC
Spring 6	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.11	6.80E-03	6.27E-02	—	pCi/L	—	JN+, J	146889	GU05090G6SW01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.9	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.7	—	—	7.25E-01	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.2	—	—	7.25E-01	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.2	—	—	1.45E+00	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.9	—	—	1.45E+00	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.2	—	—	7.25E-01	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	3.00E-02	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	3.60E-02	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.60E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.54E-03	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	3.00E-02	mg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	3.60E-02	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	3.60E-02	mg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.08	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	6.60E-02	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.2	—	—	6.60E-02	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.62	—	—	5.30E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.1	—	—	3.22E-02	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.16	—	—	6.60E-02	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.372	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.382	—	—	3.30E-02	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.436	—	—	3.30E-02	mg/L	—	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.416	—	—	3.00E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.364	—	—	5.53E-02	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.457	—	—	3.30E-02	mg/L	—	U	172456	GU060900GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.8	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	4.25E-01	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	8.50E-02	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	35.7	—	—	5.54E-03	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	4.25E-01	mg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.3	—	—	8.50E-02	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	8.50E-02	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.41	—	—	8.50E-02	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.8	—	—	8.50E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.61	—	—	5.18E-03	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.64	—	—	8.50E-02	mg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.37	—	—	8.50E-02	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.8	—	—	8.50E-02	mg/L	—	—	146889	GU05090GA6S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.339	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.327	—	—	5.00E-02	µg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.283	—	—	5.00E-02	µg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.306	—	—	5.00E-02	µg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.323	—	—	5.00E-02	µg/L	—	—	121725	GU04090GA6S01	GELC
Spring 6A	09/14/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	121725	GU04090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	5.00E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	1.65E-02	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.94	—	—	5.00E-02	mg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.02	—	—	5.00E-02	mg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	3.20E-02	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.5	—	—	3.20E-02	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71	—	—	3.20E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	69.7	—	—	2.12E-02	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.3	—	—	3.20E-02	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	3.20E-02	mg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	4.50E-02	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	4.50E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.57	—	—	1.44E-02	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	4.50E-02	mg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.9	—	—	4.50E-02	mg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	158	—	—	1.00E+00	µS/cm	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	µS/cm	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1.00E+00	µS/cm	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	119	—	—	1.00E+00	µS/cm	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	151	—	—	1.00E+00	µS/cm	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.6	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.56	—	—	1.00E-01	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.83	—	—	1.00E-01	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.02	—	—	5.70E-02	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.54	—	—	1.93E-01	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.75	—	—	1.00E-01	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.3	—	—	1.30E+00	mg/L	J	J	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4	—	—	1.14E+00	mg/L	J	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	10.3	—	—	1.43E+00	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4	—	—	2.28E+00	mg/L	J	—	146889	GU05090GA6S01	GELC
Spring 6A	09/27/05	WG	UF	RE	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.6	—	—	2.28E+00	mg/L	J*	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15541	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.38E+00	mg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.38E+00	mg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.38E+00	mg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.38E+00	mg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	3.07E+00	mg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.06	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.341	—	—	3.30E-01	mg/L	J	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.478	—	—	3.30E-01	mg/L	J	U	172456	GU060900GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.63	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.74	—	—	1.00E-02	SU	H	J	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7	—	—	1.00E-02	SU	H	J	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.45	—	—	1.00E-02	SU	H	J	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.16	—	—	—	SU	H	J	121724	GF04090GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.05	—	—	1.00E-02	SU	H	J	172456	GU060900GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.3	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1.00E+00	µg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.5	—	—	1.00E+00	µg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.9	—	—	1.00E+00	µg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.6	—	—	2.22E-01	µg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.1	—	—	1.00E+00	µg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.4	—	—	1.00E+00	µg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.4	—	—	1.00E+00	µg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.7	—	—	1.00E+00	µg/L	—	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.00E+00	µg/L	J	JN-	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.6	—	—	1.00E+00	µg/L	J	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.8	—	—	5.03E-01	µg/L	J	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.50E+00	µg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.1	—	—	1.00E+00	µg/L	—	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.00E+00	µg/L	—	JN-	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	4	—	—	1.00E+00	µg/L	J	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	78.4	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	60	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	82.5	—	—	1.00E+00	µg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	69.4	—	—	1.00E+00	µg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1.00E+00	µg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.7	—	—	1.78E-01	µg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.7	—	—	1.00E+00	µg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	69.5	—	—	1.00E+00	µg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	75.2	—	—	1.00E+00	µg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	µg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.58	—	—	5.00E-02	µg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.93	—	—	5.00E-02	µg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	2.00E-02	µg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.66	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	µg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.65	—	—	5.00E-02	µg/L	—	—	172456	GU060900GA6S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.98	—	—	5.00E-02	µg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.4	—	—	1.00E+00	µg/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	µg/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	µg/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	6.06E-01	µg/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.7	—	—	1.00E+00	µg/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	µg/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	µg/L	—	—	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00679	8.67E-04	2.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0207	4.63E-03	5.61E-02	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00743	2.25E-03	5.39E-02	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00893	4.20E-03	4.10E-02	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.00356	4.27E-03	5.60E-02	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00176	1.27E-03	2.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	4.13E-03	5.11E-02	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0182	5.50E-03	5.24E-02	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00534	5.77E-03	3.78E-02	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.536	3.67E-01	3.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.26	3.16E-01	3.07E+00	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.911	3.73E-01	3.86E+00	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0787	4.17E-01	3.93E+00	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.768	2.76E-01	2.85E+00	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.959	4.00E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.24	5.30E-01	4.24E+00	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.76	3.67E-01	3.32E+00	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0447	3.29E-01	3.54E+00	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.118	5.00E-01	4.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.875	3.77E-01	2.95E+00	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.457	3.73E-01	4.43E+00	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.18	3.53E-01	4.32E+00	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.56	7.43E-01	2.91E+00	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.126	4.00E-01	3.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.547	4.20E-01	4.36E+00	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.06	3.14E-01	4.90E+00	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.15	3.47E-01	4.31E+00	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.66	2.70E+00	2.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	64	1.94E+01	2.91E+02	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	99.9	3.22E+01	3.36E+02	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	103	3.23E+01	4.43E+02	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	67.4	1.32E+01	2.19E+02	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11	4.00E+00	2.60E+01	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	71.6	2.30E+01	2.55E+02	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	95.3	2.22E+01	3.18E+02	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81.9	2.43E+01	3.21E+02	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.32	1.97E+00	1.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.9	1.43E+00	1.20E+01	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.74	2.87E+00	3.04E+01	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.4	4.93E+00	2.86E+01	—	pCi/L	U	U	146889	GF05090GA6S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.37	1.84E+00	1.97E+01	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.01	3.23E+00	3.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.43	4.23E+00	3.57E+01	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.5	3.19E+00	2.90E+01	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.403	2.58E+00	2.65E+01	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00188	1.40E-03	2.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00223	1.29E-03	3.57E-02	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00677	7.97E-03	3.25E-02	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00798	4.07E-03	5.52E-02	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	-0.0091	1.70E-03	3.50E-02	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.53E-03	2.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.43E-10	9.60E-04	3.26E-02	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00498	4.57E-03	2.39E-02	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0145	3.93E-03	5.01E-02	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.53E-03	3.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00445	1.05E-03	4.21E-02	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	5.30E-03	3.79E-02	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-2.54E-09	3.32E-03	4.66E-02	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0.00455	1.52E-03	3.60E-02	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00189	1.90E-03	3.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00611	1.52E-03	3.85E-02	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0224	2.77E-03	2.79E-02	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0193	2.42E-03	4.23E-02	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	10.4	6.67E+00	3.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	29.9	4.13E+00	2.50E+01	—	pCi/L	UI	R	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	25.4	6.00E+00	3.49E+01	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	25.9	2.94E+00	3.47E+01	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	19	4.70E+00	2.31E+01	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.495	4.33E+00	4.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.3	5.70E+00	5.93E+01	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.5	5.87E+00	3.49E+01	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	65.4	1.11E+01	3.34E+01	—	pCi/L	UI	R	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.05	4.67E-01	4.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.256	2.77E-01	2.62E+00	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.73	4.13E-01	4.44E+00	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.076	3.63E-01	4.07E+00	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.787	1.97E-01	2.46E+00	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0517	3.67E-01	3.60E+00	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.93	5.60E-01	4.12E+00	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.38	3.50E-01	4.07E+00	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.496	3.31E-01	3.55E+00	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.172	3.33E-02	4.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.436	5.00E-02	4.42E-01	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.105	2.06E-02	2.86E-01	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0322	2.62E-02	3.72E-01	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	-0.0047	1.35E-02	1.60E-01	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.121	4.00E-02	4.70E-01	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.136	2.61E-02	3.52E-01	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.101	2.90E-02	3.02E-01	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.177	3.08E-02	3.80E-01	—	pCi/L	U	U	146889	GU05090GA6S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6A	09/30/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.82001	3.57E-01	3.63E+00	—	pCi/L	U	U	09-29	CAWR-08-15542	ARSL
Spring 6A	09/25/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.44702	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900GA6S01	UMTL
Spring 6A	09/19/06	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.57474	9.58E-02	2.87E-01	—	pCi/L	—	J	2273	UU060900GA6S01	UMTL
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	0	2.27E+01	2.34E+02	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/14/04	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-32.9	1.65E+01	1.66E+02	—	pCi/L	U	U	121725	GU04090GA6S01	GELC
Spring 6A	09/14/04	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	9.58E-02	—	2.87E-01	pCi/L	—	U	1948	UU04090GA6S01	UMTL
Spring 6A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.7	4.00E-02	4.70E-01	—	pCi/L	—	—	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.734	2.03E-02	5.58E-02	—	pCi/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.395	1.40E-02	5.02E-02	—	pCi/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.669	1.85E-02	8.61E-02	—	pCi/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.484	1.45E-02	6.90E-02	—	pCi/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.504	3.20E-02	4.70E-01	—	pCi/L	—	—	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.794	2.03E-02	4.58E-02	—	pCi/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.467	1.47E-02	5.16E-02	—	pCi/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.581	1.61E-02	7.41E-02	—	pCi/L	—	JN+	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.183	2.17E-02	2.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0122	2.51E-03	4.33E-02	—	pCi/L	U	U	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00298	3.29E-03	4.24E-02	—	pCi/L	U	U	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0279	4.07E-03	6.48E-02	—	pCi/L	U	U	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0216	3.87E-03	4.50E-02	—	pCi/L	U	U	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.082	1.63E-02	2.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0276	3.06E-03	3.55E-02	—	pCi/L	U	U	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0367	3.87E-03	4.35E-02	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.036	4.73E-03	5.58E-02	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.269	2.43E-02	2.60E-01	—	pCi/L	—	—	09-21	CAWR-08-15541	GELC
Spring 6A	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.395	1.31E-02	4.89E-02	—	pCi/L	—	—	194659	GF070900GA6S01	GELC
Spring 6A	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.197	9.10E-03	5.34E-02	—	pCi/L	—	—	172456	GF060900GA6S01	GELC
Spring 6A	09/27/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.33	1.19E-02	6.09E-02	—	pCi/L	—	—	146889	GF05090GA6S01	GELC
Spring 6A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.228	8.80E-03	4.90E-02	—	pCi/L	—	—	121724	GF04090GA6S01	GELC
Spring 6A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.265	2.13E-02	2.60E-01	—	pCi/L	—	—	09-21	CAWR-08-15542	GELC
Spring 6A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.408	1.24E-02	4.02E-02	—	pCi/L	—	—	194659	GU070900GA6S01	GELC
Spring 6A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.203	8.83E-03	5.49E-02	—	pCi/L	—	—	172456	GU060900GA6S01	GELC
Spring 6A	09/27/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.321	1.07E-02	5.25E-02	—	pCi/L	—	JN+	146889	GU05090GA6S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.4	—	—	7.30E-01	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.3	—	—	7.25E-01	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.2	—	—	7.25E-01	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.5	—	—	1.45E+00	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	1.45E+00	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.6	—	—	7.25E-01	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.15	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.02	—	—	3.00E-02	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	3.60E-02	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.95	—	—	5.54E-03	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.54E-03	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.8	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9	—	—	3.00E-02	mg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	3.60E-02	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.72	—	—	6.60E-02	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.68	—	—	6.60E-02	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.78	—	—	6.60E-02	mg/L	—	—	172411	GF060900GA8S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.61	—	—	3.22E-02	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.89	—	—	3.22E-02	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.78	—	—	6.60E-02	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.415	—	—	3.30E-02	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.344	—	—	3.30E-02	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.409	—	—	3.30E-02	mg/L	—	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.327	—	—	5.53E-02	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.274	—	—	5.53E-02	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.413	—	—	3.30E-02	mg/L	—	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.5	—	—	4.25E-01	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	8.50E-02	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	5.54E-03	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	38	—	—	4.00E-02	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.5	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.4	—	—	4.25E-01	mg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	8.50E-02	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	8.50E-02	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	5.18E-03	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.23	—	—	5.18E-03	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	8.50E-02	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.274	—	—	5.00E-02	µg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172411	GF060900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.123	—	—	5.00E-02	µg/L	J	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.237	—	—	5.00E-02	µg/L	—	—	129631	GU05010GA8S01	GELC
Spring 8A	01/26/05	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	129631	GU05010GA8S01	GELC
Spring 8A	03/18/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.26	—	—	—	µg/L	—	—	109395	GU04030GA8S01	GELC
Spring 8A	03/18/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	109395	GU04030GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.15	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.94	—	—	1.65E-02	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.2	—	—	1.65E-02	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.04	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	81.6	—	—	3.20E-02	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	79.4	—	—	3.20E-02	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	84.9	—	—	2.12E-02	mg/L	—	J	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	82.1	—	—	2.12E-02	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	79.2	—	—	3.20E-02	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.44E-02	mg/L	—	—	129631	GF05010GA8S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.44E-02	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	4.50E-02	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	µS/cm	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1.00E+00	µS/cm	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	µS/cm	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	118	—	—	1.00E+00	µS/cm	—	—	129631	GF05010GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1.00E+00	µS/cm	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.9	—	—	1.00E-01	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.84	—	—	1.00E-01	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.14	—	—	1.00E-01	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.65	—	—	1.93E-01	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.72	—	—	1.93E-01	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.15	—	—	1.00E-01	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.40E+00	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.38E+00	mg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.38E+00	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.38E+00	mg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	3.07E+00	mg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	3.07E+00	mg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.79	—	—	3.30E-01	mg/L	J	J	09-25	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.37	—	—	3.30E-01	mg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J-	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	1.00E-02	SU	H	J	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	—	SU	H	J	129631	GF05010GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.5	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1.00E+00	µg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.5	—	—	1.00E+00	µg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	2.22E-01	µg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.8	—	—	2.22E-01	µg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.1	—	—	1.00E+00	µg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	µg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	30.5	—	—	2.50E+01	µg/L	J	J	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	43.2	—	—	1.80E+01	µg/L	J	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	12.6	—	—	1.26E+01	µg/L	U	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	12.6	—	—	1.26E+01	µg/L	U	—	89802	GF03080GA8S01	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	104	—	—	1.80E+01	µg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.97	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	J	U, J+	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	1.43	—	—	1.43E+00	µg/L	U	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.27	—	—	1.43E+00	µg/L	B	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.97	—	—	1.00E-01	µg/L	—	—	09-26	CAWR-08-15550	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.7	—	—	2.00E+00	µg/L	J	U, J+	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	86.6	—	—	3.20E-02	mg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.4	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1.00E+00	µg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1.00E+00	µg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.9	—	—	1.78E-01	µg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49	—	—	1.78E-01	µg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.5	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1.00E+00	µg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1.00E+00	µg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.19	—	—	5.00E-02	µg/L	J	J	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	5.00E-02	µg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.085	—	—	5.00E-02	µg/L	J	—	172411	GF060900GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.058	—	—	2.00E-02	µg/L	B	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.21	—	—	5.00E-02	µg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	µg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.1	—	—	5.00E-02	µg/L	J	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.5	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	µg/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	µg/L	—	—	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	6.06E-01	µg/L	—	—	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.38	—	—	6.06E-01	µg/L	—	—	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	µg/L	—	—	09-26	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1.00E+00	µg/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1.00E+00	µg/L	—	—	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00332	6.00E-03	5.40E-02	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0134	1.97E-03	5.34E-02	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00166	2.14E-03	2.17E-02	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00205	3.27E-03	3.20E-02	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.0131	3.12E-03	2.70E-02	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Americium-241	<	-5.33	3.05E+00	2.73E+01	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	5.67E-03	5.20E-02	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0131	3.97E-03	6.22E-02	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0108	3.37E-03	3.84E-02	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.26	5.67E-01	4.60E+00	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.71	4.33E-01	4.52E+00	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.25	5.73E-01	4.97E+00	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.78	3.70E-01	3.72E+00	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.25	5.47E-01	5.57E+00	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.388	4.67E-01	4.60E+00	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.34	4.50E-01	4.90E+00	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.439	4.60E-01	5.08E+00	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.64	4.00E-01	2.80E+00	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.762	4.53E-01	4.29E+00	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.39	4.07E-01	5.22E+00	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.59	3.57E-01	4.21E+00	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0	1.47E+00	7.69E+00	—	pCi/L	UUI	R	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.05	5.33E-01	4.80E+00	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.686	4.73E-01	4.93E+00	—	pCi/L	U	U	194658	GU070900GA8S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.71	4.67E-01	3.96E+00	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.9	2.60E+00	2.30E+01	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	62.6	1.84E+01	2.09E+02	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	74.2	2.68E+01	2.55E+02	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	148	2.30E+01	3.36E+02	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	91	4.07E+01	3.55E+02	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.7	6.67E+00	2.20E+01	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	101	3.00E+01	3.44E+02	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	439	1.44E+02	1.04E+03	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.3	2.90E+00	2.60E+01	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.3	3.26E+00	3.14E+01	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.953	3.37E+00	3.26E+01	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.47	3.00E+00	3.17E+01	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.4	3.73E+00	3.85E+01	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.4	3.03E+00	2.90E+01	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.79	3.57E+00	3.43E+01	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.29	3.33E+00	3.26E+01	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00353	1.67E-03	2.70E-02	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.000752	1.10E-03	4.04E-02	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00432	1.44E-03	2.08E-02	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00641	2.57E-03	3.30E-02	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	-0.00776	1.59E-03	2.70E-02	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00188	1.67E-03	2.80E-02	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.000654	9.60E-04	3.51E-02	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.27E-04	2.09E-02	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00706	1.43E-03	3.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0134	2.01E-03	4.76E-02	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00648	1.91E-03	2.42E-02	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00427	2.01E-03	3.40E-02	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	-0.0174	2.97E-03	2.40E-02	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00375	1.27E-03	3.20E-02	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00495	2.07E-03	4.14E-02	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00436	2.05E-03	2.44E-02	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-33.1	5.33E+00	4.80E+01	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.8	4.33E+00	3.95E+01	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	31.3	5.93E+00	7.35E+01	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	23.5	6.80E+00	4.64E+01	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	50.2	6.80E+00	8.59E+01	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.44	6.00E+00	6.50E+01	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.6	8.20E+00	4.78E+01	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.3	9.67E+00	5.57E+01	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.523	4.67E-01	4.80E+00	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.72	4.17E-01	3.33E+00	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.215	4.17E-01	5.21E+00	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.788	4.20E-01	4.49E+00	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.758	4.80E-01	5.79E+00	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.644	4.67E-01	4.90E+00	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.72	4.90E-01	3.51E+00	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.64	4.90E-01	5.78E+00	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0898	2.53E-02	3.40E-01	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0325	2.77E-02	2.87E-01	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00826	1.76E-02	1.78E-01	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0066	2.45E-02	2.96E-01	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.1	2.39E-02	2.94E-01	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0366	3.07E-02	3.40E-01	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0286	1.84E-02	1.91E-01	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0505	2.75E-02	2.88E-01	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.498108	2.65E-01	2.66E+00	—	pCi/L	U	U	09-31	CAWR-08-15550	ARSL
Spring 8A	09/25/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900GA8S01	UMTL
Spring 8A	09/19/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.41509	9.58E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900GA8S01	UMTL
Spring 8A	01/26/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	39.9	1.90E+01	1.85E+02	—	pCi/L	U	U	129631	GU05010GA8S01	GELC
Spring 8A	01/26/05	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	—	2.87E-01	pCi/L	—	U	2006	UU05010GA8S01	UMTL
Spring 8A	10/07/03	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	276	1.84E+01	1.60E+02	—	pCi/L	—	J	89802	GU03080GA8S01	GELC
Spring 8A	10/07/03	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.14948	1.06E-01	—	2.87E-01	pCi/L	—	—	1805	UU03080GA8S01	UMTL
Spring 8A	10/07/03	WG	UF	DUP	—	Rad	LLEE	Tritium	—	0.89404	9.58E-02	—	2.87E-01	pCi/L	—	—	1805	UU03080GA8S01	UMTL
Spring 8A	10/07/03	WG	UF	RE	—	Rad	LLEE	Tritium	—	0.98983	9.58E-02	—	2.87E-01	pCi/L	—	—	1805	UU03080GA8S01	UMTL
Spring 8A	10/07/03	WG	UF	RE	—	Rad	EPA:906.0	Tritium	<	-52.9	1.59E+01	1.61E+02	—	pCi/L	U	U	104174	GU03080GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.138	7.00E-03	7.60E-02	—	pCi/L	—	—	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.502	1.51E-02	4.89E-02	—	pCi/L	—	—	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0963	5.80E-03	3.94E-02	—	pCi/L	—	J	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.142	7.70E-03	7.60E-02	—	pCi/L	—	J	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	<	0.0441	4.23E-03	4.90E-02	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0995	6.33E-03	7.30E-02	—	pCi/L	—	—	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.204	7.83E-03	4.51E-02	—	pCi/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0747	5.53E-03	5.20E-02	—	pCi/L	—	J	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00267	2.37E-03	4.00E-02	—	pCi/L	U	U	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0107	2.83E-03	3.79E-02	—	pCi/L	U	U	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00933	2.47E-03	3.32E-02	—	pCi/L	U	U	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0132	2.65E-03	4.90E-02	—	pCi/L	U	U	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	-2.01E-09	2.43E-03	2.80E-02	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0128	3.10E-03	3.80E-02	—	pCi/L	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0124	1.86E-03	3.50E-02	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00308	2.72E-03	4.38E-02	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0669	4.67E-03	4.20E-02	—	pCi/L	—	—	09-27	CAWR-08-15549	GELC
Spring 8A	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.11	5.77E-03	4.28E-02	—	pCi/L	—	J	194658	GF070900GA8S01	GELC
Spring 8A	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0623	4.10E-03	4.19E-02	—	pCi/L	—	J	172411	GF060900GA8S01	GELC
Spring 8A	01/26/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0795	5.00E-03	5.40E-02	—	pCi/L	—	J	129631	GF05010GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Uranium-238	<	69	3.50E+01	2.38E+02	—	pCi/L	U	U	89802	GF03080GA8S01	GELC
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.0399	3.47E-03	3.10E-02	—	pCi/L	—	J	89802	GF03080GA8S01	GELC
Spring 8A	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0664	5.00E-03	4.00E-02	—	pCi/L	—	—	09-27	CAWR-08-15550	GELC
Spring 8A	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.138	6.27E-03	3.95E-02	—	pCi/L	—	—	194658	GU070900GA8S01	GELC
Spring 8A	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0224	3.24E-03	5.53E-02	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	7.25E-01	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	7.25E-01	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.1	—	—	1.45E+00	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.9	—	—	1.45E+00	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	7.25E-01	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	3.00E-02	mg/L	—	—	194658	GF070900G9SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.60E-02	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.60E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.54E-03	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	3.00E-02	mg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.60E-02	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	3.60E-02	mg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.98	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.85	—	—	6.60E-02	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	6.60E-02	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	5.30E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	3.22E-02	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.93	—	—	6.60E-02	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.453	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.41	—	—	3.30E-02	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.438	—	—	3.30E-02	mg/L	—	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.425	—	—	3.00E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.477	—	—	5.53E-02	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.437	—	—	3.30E-02	mg/L	—	U	172411	GU060900G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	4.25E-01	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.7	—	—	8.50E-02	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	8.50E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	38.1	—	—	5.54E-03	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.9	—	—	4.25E-01	mg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	8.50E-02	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	8.50E-02	mg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.26	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.23	—	—	8.50E-02	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	5.18E-03	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.253	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.261	—	—	5.00E-02	µg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172411	GF060900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.241	—	—	5.00E-02	µg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.263	—	—	5.00E-02	µg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	121725	GU04090G9SW01	GELC
Spring 9	09/14/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.143	—	—	5.00E-02	µg/L	J	—	121725	GU04090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	5.00E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	1.65E-02	mg/L	—	—	121724	GF04090G9SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	5.00E-02	mg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	5.00E-02	mg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	75.3	—	—	3.20E-02	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74	—	—	3.20E-02	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.8	—	—	3.20E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.8	—	—	2.12E-02	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.4	—	—	3.20E-02	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.9	—	—	3.20E-02	mg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.44E-02	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	µS/cm	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1.00E+00	µS/cm	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1.00E+00	µS/cm	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	126	—	—	1.00E+00	µS/cm	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	131	—	—	1.00E+00	µS/cm	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.17	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.98	—	—	1.00E-01	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	1.00E-01	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.07	—	—	5.70E-02	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.87	—	—	1.93E-01	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.01	—	—	1.00E-01	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.26	—	—	1.30E+00	mg/L	J	J	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8	—	—	1.14E+00	mg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.5	—	—	2.85E+00	mg/L	J	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.61	—	—	1.06E+00	mg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.38E+00	mg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.38E+00	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.38E+00	mg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.38E+00	mg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	3.07E+00	mg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.931	—	—	3.30E-01	mg/L	J	J	09-19	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.05	—	—	3.30E-01	mg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.3	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	1.00E-02	SU	H	J	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	1.00E-02	SU	H	J	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.46	—	—	—	SU	H	J	121724	GF04090G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.58	—	—	1.00E-02	SU	H	J	172411	GU060900G9SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.5	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.4	—	—	1.00E+00	µg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.3	—	—	1.00E+00	µg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1.00E+00	µg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.8	—	—	2.22E-01	µg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.9	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.1	—	—	1.00E+00	µg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.1	—	—	1.00E+00	µg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1.00E+00	µg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	32.5	—	—	1.26E+01	µg/L	J	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	36.8	—	—	2.50E+01	µg/L	J	J	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	127	—	—	2.50E+01	µg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	44.1	—	—	1.80E+01	µg/L	J	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	104	—	—	1.80E+01	µg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.9	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.3	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.9	—	—	1.00E+00	µg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.1	—	—	1.00E+00	µg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.5	—	—	1.00E+00	µg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.9	—	—	1.78E-01	µg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1.00E+00	µg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.9	—	—	1.00E+00	µg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1.00E+00	µg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.15	—	—	5.00E-02	µg/L	J	J	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	5.00E-02	µg/L	J	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.14	—	—	5.00E-02	µg/L	J	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.2	—	—	5.00E-02	µg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	2.00E-02	µg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.2	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	5.00E-02	µg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	µg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.47	—	—	5.00E-02	µg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	µg/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1.00E+00	µg/L	—	—	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1.00E+00	µg/L	—	—	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.8	—	—	6.06E-01	µg/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1.00E+00	µg/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	µg/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	µg/L	—	—	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000867	2.87E-03	2.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0181	2.82E-03	5.69E-02	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00743	2.61E-03	2.32E-02	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00945	4.07E-03	4.47E-02	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	-0.00665	5.43E-03	5.30E-02	—	pCi/L	U	U	121724	GF04090G9SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	09/30/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00144	2.00E-03	2.40E-02	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00433	1.33E-03	5.85E-02	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00743	3.67E-03	2.71E-02	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00982	4.97E-03	3.71E-02	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0805	4.00E-01	4.00E+00	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.429	3.87E-01	3.54E+00	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.69	4.30E-01	4.83E+00	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.3	4.00E-01	2.63E+00	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.128	2.67E-01	2.90E+00	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0877	8.67E-01	3.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.629	6.13E-01	4.90E+00	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.1	3.87E-01	3.78E+00	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.607	3.03E-01	3.32E+00	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.14	5.33E-01	4.50E+00	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.234	4.40E-01	4.25E+00	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.08	3.53E-01	3.78E+00	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.791	3.73E-01	3.88E+00	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.681	2.58E-01	2.71E+00	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.37	4.00E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.5	5.43E-01	3.62E+00	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.3	4.53E-01	3.34E+00	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.485	3.21E-01	3.61E+00	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	16.8	4.33E+00	1.60E+01	—	pCi/L	—	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	73.4	3.14E+01	2.28E+02	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	78.7	4.37E+01	2.93E+02	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	85.6	3.23E+01	3.05E+02	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.7	2.55E+01	2.52E+02	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	22	1.93E+01	3.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	59.1	1.19E+01	1.92E+02	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	69.4	2.27E+01	3.27E+02	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	75.9	2.51E+01	2.53E+02	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.236	3.13E+00	3.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.44	2.96E+00	2.91E+01	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.92	3.53E+00	3.64E+01	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.05	3.40E+00	2.16E+01	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.4	2.21E+00	2.32E+01	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-29.4	3.27E+00	2.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.796	3.50E+00	3.34E+01	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.77	2.83E+00	2.53E+01	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.71	3.43E+00	2.16E+01	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00245	1.83E-03	3.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0026	8.67E-04	3.90E-02	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.002	1.15E-03	1.92E-02	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00549	1.83E-03	5.70E-02	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	-0.00185	1.63E-03	2.90E-02	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00287	9.67E-04	4.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.000708	1.04E-03	3.80E-02	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	8.47E-04	2.44E-02	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0111	3.70E-03	5.76E-02	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00245	1.40E-03	4.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00519	1.23E-03	4.60E-02	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00799	2.31E-03	2.24E-02	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00274	2.42E-03	4.81E-02	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0	1.23E-03	3.00E-02	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00287	3.17E-03	4.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00899	2.07E-03	4.48E-02	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.21E-09	2.07E-03	2.84E-02	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0194	2.79E-03	4.87E-02	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.73	5.00E+00	5.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	77.3	5.90E+00	3.26E+01	—	pCi/L	UI	R	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	22.5	4.60E+00	5.68E+01	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	20.4	7.47E+00	3.93E+01	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.03	5.47E+00	2.60E+01	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.7	5.00E+00	5.00E+01	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.2	8.13E+00	5.11E+01	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.7	4.93E+00	4.45E+01	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.17	4.30E+00	3.35E+01	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0858	4.33E-01	4.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.046	3.97E-01	3.34E+00	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.65	3.43E-01	4.53E+00	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.658	2.96E-01	3.54E+00	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0763	2.30E-01	2.56E+00	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.7	4.00E-01	4.60E+00	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.08	4.93E-01	5.12E+00	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.75	4.33E-01	4.09E+00	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.047	3.20E-01	3.56E+00	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0709	4.33E-02	5.00E-01	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00596	2.51E-02	2.59E-01	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.057	1.41E-02	1.41E-01	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0665	2.08E-02	3.48E-01	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.0638	1.41E-02	1.56E-01	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0373	3.67E-02	4.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0305	1.90E-02	2.01E-01	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0166	1.46E-02	1.50E-01	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0252	2.28E-02	3.53E-01	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.554991	3.44E-01	3.51E+00	—	pCi/L	U	U	09-29	CAWR-08-15537	ARSL
Spring 9	09/25/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900G9SW01	UMTL
Spring 9	09/19/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900G9SW01	UMTL
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-91.2	2.40E+01	2.55E+02	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/14/04	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-4.8	1.70E+01	1.68E+02	—	pCi/L	U	U	121725	GU04090G9SW01	GELC
Spring 9	09/14/04	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35123	9.58E-02	—	2.87E-01	pCi/L	—	U	1952	UU04090G9SW01	UMTL
Spring 9	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.132	1.87E-02	4.20E-01	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.167	7.90E-03	5.38E-02	—	pCi/L	—	—	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0796	7.67E-03	5.73E-02	—	pCi/L	—	J	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.144	7.47E-03	7.71E-02	—	pCi/L	—	J	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.356	1.20E-02	6.20E-02	—	pCi/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.432	2.67E-02	4.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.423	1.24E-02	4.24E-02	—	pCi/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.218	9.33E-03	4.78E-02	—	pCi/L	—	—	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.558	1.63E-02	8.59E-02	—	pCi/L	—	JN+	146889	GU05090G9SW01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0446	1.10E-02	2.20E-01	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00589	1.97E-03	4.17E-02	—	pCi/L	U	U	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0238	3.43E-03	4.83E-02	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0281	3.77E-03	5.80E-02	—	pCi/L	U	U	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.026	2.91E-03	4.00E-02	—	pCi/L	U	U	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0785	1.57E-02	2.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0325	3.16E-03	3.29E-02	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	2.99E-03	4.03E-02	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0453	5.10E-03	6.47E-02	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9	09/30/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0721	1.00E-02	2.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15538	GELC
Spring 9	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0834	5.33E-03	4.71E-02	—	pCi/L	—	J	194658	GF070900G9SW01	GELC
Spring 9	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0357	6.30E-03	6.09E-02	—	pCi/L	U	U	172411	GF060900G9SW01	GELC
Spring 9	09/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0708	5.47E-03	5.46E-02	—	pCi/L	—	J	146889	GF05090G9SW01	GELC
Spring 9	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.287	9.57E-03	4.40E-02	—	pCi/L	—	—	121724	GF04090G9SW01	GELC
Spring 9	09/30/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.178	1.73E-02	2.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15537	GELC
Spring 9	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.214	7.97E-03	3.72E-02	—	pCi/L	—	—	194658	GU070900G9SW01	GELC
Spring 9	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0664	5.07E-03	5.08E-02	—	pCi/L	—	J	172411	GU060900G9SW01	GELC
Spring 9	09/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.27	1.05E-02	6.08E-02	—	pCi/L	—	JN+	146889	GU05090G9SW01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.6	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	7.25E-01	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	7.25E-01	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	1.45E+00	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.6	—	—	1.45E+00	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	7.25E-01	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	3.00E-02	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	3.60E-02	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.60E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.54E-03	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	3.00E-02	mg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	3.60E-02	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.60E-02	mg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.98	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.96	—	—	6.60E-02	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	6.60E-02	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.95	—	—	5.30E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.98	—	—	3.22E-02	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.9	—	—	6.60E-02	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.495	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.444	—	—	3.30E-02	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.477	—	—	3.30E-02	mg/L	—	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.464	—	—	3.00E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.483	—	—	5.53E-02	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.478	—	—	3.30E-02	mg/L	—	U	172411	GU060900GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	4.25E-01	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	8.50E-02	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	8.50E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	37.6	—	—	5.54E-03	mg/L	—	—	121724	GF04090GA9S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	10/01/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.6	—	—	4.25E-01	mg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	8.50E-02	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	8.50E-02	mg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.14	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	8.50E-02	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	8.50E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	5.18E-03	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.33	—	—	8.50E-02	mg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.296	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.27	—	—	5.00E-02	µg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.226	—	—	5.00E-02	µg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.27	—	—	5.00E-02	µg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.26	—	—	5.00E-02	µg/L	—	—	121725	GU04090GA9S01	GELC
Spring 9A	09/14/04	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	121725	GU04090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	5.00E-02	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	1.65E-02	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	5.00E-02	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.38	—	—	5.00E-02	mg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.7	—	—	3.20E-02	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70.6	—	—	3.20E-02	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.5	—	—	3.20E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70	—	—	2.12E-02	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.8	—	—	3.20E-02	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.5	—	—	3.20E-02	mg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.44E-02	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	4.50E-02	mg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	4.50E-02	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	µS/cm	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1.00E+00	µS/cm	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1.00E+00	µS/cm	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1.00E+00	µS/cm	—	—	172411	GU060900GA9S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.08	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.97	—	—	1.00E-01	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.99	—	—	1.00E-01	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.09	—	—	5.70E-02	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.09	—	—	1.93E-01	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.98	—	—	1.00E-01	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.71	—	—	1.40E+00	mg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.4	—	—	2.28E+00	mg/L	J	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.43	—	—	1.43E+00	mg/L	U	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	5.78	—	—	1.06E+00	mg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.38E+00	mg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.38E+00	mg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.38E+00	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.38E+00	mg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	3.07E+00	mg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.2	—	—	3.30E-01	mg/L	—	—	09-19	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.649	—	—	3.30E-01	mg/L	J	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.09	—	—	3.30E-01	mg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.48	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	1.00E-02	SU	H	J	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.79	—	—	1.00E-02	SU	H	J	146889	GF05090GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J	172411	GU060900GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.5	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1.00E+00	µg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	µg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	1.00E+00	µg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.9	—	—	2.22E-01	µg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1.00E+00	µg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1.00E+00	µg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11	—	—	1.00E+00	µg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	2.5	—	—	1.00E+00	µg/L	J	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	2.6	—	—	5.03E-01	µg/L	J	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	µg/L	U	UJ	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	3.4	—	—	1.00E+00	µg/L	J	—	146889	GU05090GA9S01	GELC
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	µg/L	U	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	16	—	—	1.26E+01	µg/L	J	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	29.2	—	—	2.50E+01	µg/L	J	J	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	30.4	—	—	2.50E+01	µg/L	J	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	25.6	—	—	1.80E+01	µg/L	J	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	59.4	—	—	1.80E+01	µg/L	J	—	146889	GU05090GA9S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.6	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1.00E+00	µg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49	—	—	1.00E+00	µg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.1	—	—	1.00E+00	µg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49	—	—	1.78E-01	µg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1.00E+00	µg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.2	—	—	1.00E+00	µg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.5	—	—	1.00E+00	µg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.21	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.15	—	—	5.00E-02	µg/L	J	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.17	—	—	5.00E-02	µg/L	J	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	µg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.73	—	—	2.00E-02	µg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.28	—	—	5.00E-02	µg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.19	—	—	5.00E-02	µg/L	J	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.39	—	—	5.00E-02	µg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1.00E+00	µg/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	µg/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	µg/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	6.06E-01	µg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.6	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	µg/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1.00E+00	µg/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	µg/L	—	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2.00E+00	µg/L	J	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.2	—	—	2.00E+00	µg/L	J	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.7	—	—	8.83E-01	µg/L	—	—	121724	GF04090GA9S01	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.2	—	—	2.00E+00	µg/L	J	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0104	2.57E-03	2.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000542	3.93E-04	5.32E-02	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0114	3.63E-03	2.24E-02	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0143	4.03E-03	4.13E-02	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Americium-241	<	0.0076	2.01E-03	3.00E-02	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00101	2.80E-03	2.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	2.19E-03	5.83E-02	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00341	1.63E-03	3.05E-02	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00202	2.56E-03	3.64E-02	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.725	3.67E-01	3.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.613	2.86E-01	2.91E+00	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.607	3.57E-01	3.95E+00	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.577	3.23E-01	3.55E+00	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0416	2.47E-01	2.62E+00	—	pCi/L	U	U	121724	GF04090GA9S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.59	5.00E-01	4.60E+00	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.89	2.94E-01	2.17E+00	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.362	2.64E-01	3.06E+00	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.66	6.47E-01	3.30E+00	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.72	4.33E-01	3.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0502	2.84E-01	2.86E+00	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.445	3.80E-01	4.40E+00	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0748	3.33E-01	3.74E+00	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.534	3.09E-01	3.45E+00	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.6	5.33E-01	6.20E+00	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.675	2.14E-01	1.96E+00	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.13	2.93E-01	3.78E+00	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.16	4.63E-01	3.63E+00	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	7.95	3.20E+00	1.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	51.4	1.82E+01	1.68E+02	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	78.6	4.17E+01	3.34E+02	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	66.1	2.14E+01	2.67E+02	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.9	5.63E+01	1.97E+02	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.2	1.47E+01	2.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	49.4	2.29E+01	1.66E+02	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	106	2.81E+01	3.23E+02	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	71.5	2.65E+01	2.53E+02	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.6	3.33E+00	3.10E+01	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11	2.17E+00	2.10E+01	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.81	2.70E+00	2.80E+01	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.9	2.85E+00	2.77E+01	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.29	1.81E+00	1.94E+01	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.86	3.10E+00	2.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.95	1.83E+00	1.77E+01	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.52	2.43E+00	2.28E+01	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.76	2.48E+00	1.64E+01	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00384	1.57E-03	2.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00199	6.63E-04	4.15E-02	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00667	1.29E-03	2.13E-02	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00925	5.77E-03	4.80E-02	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-238	<	0.00427	2.01E-03	3.30E-02	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00242	2.13E-03	3.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00377	8.90E-04	3.94E-02	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00672	2.24E-03	3.23E-02	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0282	6.03E-03	6.51E-02	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00192	1.10E-03	3.30E-02	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00783	2.36E-03	4.89E-02	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00888	2.10E-03	2.49E-02	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0139	4.50E-03	4.05E-02	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Plutonium-239/240	<	0	2.01E-03	3.40E-02	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00484	1.63E-03	4.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00492	1.53E-03	4.64E-02	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0134	3.53E-03	3.76E-02	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0188	3.63E-03	5.50E-02	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.87	4.33E+00	4.40E+01	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	09/26/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.1	4.30E+00	3.90E+01	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	24.7	5.00E+00	2.78E+01	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.4	5.13E+00	2.81E+01	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.99	4.00E+00	3.58E+01	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.75	5.67E+00	6.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.509	4.70E+00	1.75E+01	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	25.5	7.23E+00	2.55E+01	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.1	7.07E+00	4.28E+01	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.871	4.33E-01	3.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.34	2.60E-01	2.37E+00	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.4	3.27E-01	3.11E+00	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.05	3.07E-01	3.74E+00	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.103	2.85E-01	3.08E+00	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.7	4.67E-01	5.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0977	2.37E-01	2.36E+00	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.69	2.40E-01	2.10E+00	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.385	3.33E-01	3.59E+00	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.145	3.23E-02	4.20E-01	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0477	1.57E-02	1.71E-01	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00789	1.25E-02	1.28E-01	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.101	1.84E-02	3.43E-01	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	GFPC	Strontium-90	<	-0.0932	1.61E-02	1.94E-01	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.156	2.30E-02	3.60E-01	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0341	1.99E-02	2.10E-01	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0268	2.77E-02	3.04E-01	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.15	2.30E-02	4.07E-01	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.558184	3.68E-01	3.77E+00	—	pCi/L	U	U	09-29	CAWR-08-15539	ARSL
Spring 9A	09/26/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.41509	9.58E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900GA9S01	UMTL
Spring 9A	09/20/06	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	9.58E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900GA9S01	UMTL
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-45.4	2.43E+01	2.54E+02	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9A	09/14/04	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-36.2	1.69E+01	1.70E+02	—	pCi/L	U	U	121725	GU04090GA9S01	GELC
Spring 9A	09/14/04	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	9.58E-02	—	2.87E-01	pCi/L	—	U	1952	UU04090GA9S01	UMTL
Spring 9A	10/01/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.279	2.67E-02	4.40E-01	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.145	6.20E-03	4.14E-02	—	pCi/L	—	—	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.169	7.23E-03	4.31E-02	—	pCi/L	—	—	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.245	9.17E-03	7.49E-02	—	pCi/L	—	—	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-234	—	0.174	7.30E-03	7.10E-02	—	pCi/L	—	J	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.723	3.33E-02	4.20E-01	—	pCi/L	—	—	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.191	8.33E-03	5.38E-02	—	pCi/L	—	—	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.157	7.33E-03	4.74E-02	—	pCi/L	—	—	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.295	1.02E-02	7.26E-02	—	pCi/L	—	JN+	146889	GU05090GA9S01	GELC
Spring 9A	10/01/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.047	1.40E-02	2.30E-01	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0204	2.30E-03	3.21E-02	—	pCi/L	U	U	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00255	8.53E-04	3.63E-02	—	pCi/L	U	U	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0212	3.05E-03	5.64E-02	—	pCi/L	U	U	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-235/236	<	0.0123	2.74E-03	4.60E-02	—	pCi/L	U	U	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0596	1.40E-02	2.20E-01	—	pCi/L	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0118	3.11E-03	4.17E-02	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00562	2.30E-03	4.00E-02	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0236	3.13E-03	5.47E-02	—	pCi/L	U	U	146889	GU05090GA9S01	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	10/01/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.228	1.93E-02	2.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15540	GELC
Spring 9A	09/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0642	4.20E-03	3.63E-02	—	pCi/L	—	J	194658	GF070900GA9S01	GELC
Spring 9A	09/20/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0557	3.97E-03	4.58E-02	—	pCi/L	—	J	172411	GF060900GA9S01	GELC
Spring 9A	09/28/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0933	5.63E-03	5.30E-02	—	pCi/L	—	J	146889	GF05090GA9S01	GELC
Spring 9A	09/14/04	WG	F	CS	—	Rad	Alpha-Spec	Uranium-238	—	0.0673	4.30E-03	5.00E-02	—	pCi/L	—	J	121724	GF04090GA9S01	GELC
Spring 9A	10/01/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.289	2.13E-02	2.40E-01	—	pCi/L	—	—	09-21	CAWR-08-15539	GELC
Spring 9A	09/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.081	6.03E-03	4.71E-02	—	pCi/L	—	J	194658	GU070900GA9S01	GELC
Spring 9A	09/20/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0887	5.17E-03	5.04E-02	—	pCi/L	—	J	172411	GU060900GA9S01	GELC
Spring 9A	09/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.181	7.60E-03	5.14E-02	—	pCi/L	—	JN+	146889	GU05090GA9S01	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.8	—	—	7.30E-01	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.1	—	—	7.30E-01	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.92	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	3.00E-02	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.93	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.88	—	—	3.00E-02	mg/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.11	—	—	6.60E-02	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	6.60E-02	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.504	—	—	3.30E-02	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.429	—	—	3.30E-02	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.3	—	—	4.30E-01	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	4.30E-01	mg/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.16	—	—	8.50E-02	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	8.50E-02	mg/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.324	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.306	—	—	5.00E-02	µg/L	—	J	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	5.00E-02	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	5.00E-02	mg/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1.00E+00	µS/cm	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1.00E+00	µS/cm	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.35	—	—	1.00E-01	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.04	—	—	1.00E-01	mg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8.37	—	—	1.30E+00	mg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.40E+00	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.40E+00	mg/L	—	J	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.923	—	—	3.30E-01	mg/L	J	J	09-19	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.408	—	—	3.30E-01	mg/L	J	J	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	1.00E-02	SU	H	J-	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	4.3	—	—	1.00E+00	µg/L	J	J	09-20	CAWR-08-15551	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	4.3	—	—	1.00E+00	µg/L	J	J	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	4.5	—	—	1.00E+00	µg/L	J	J	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	4.3	—	—	1.00E+00	µg/L	J	J	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.7	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	2.50E+00	µg/L	J	J	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.50E+00	µg/L	J	J	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	µg/L	J	J	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.8	—	—	3.20E-02	mg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.2	—	—	3.20E-02	mg/L	E	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.9	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.2	—	—	1.00E+00	µg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.9	—	—	1.00E+00	µg/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.21	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.21	—	—	5.00E-02	µg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.24	—	—	5.00E-02	µg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	5.00E-02	µg/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12.7	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.6	—	—	1.00E+00	µg/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.4	—	—	1.00E+00	µg/L	—	—	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.8	—	—	1.00E+00	µg/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.2	—	—	2.00E+00	µg/L	J	J	09-20	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	U	U	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.014	1.90E-03	3.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.001	7.00E-04	3.80E-02	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00217	1.23E-03	2.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00952	2.27E-03	6.20E-02	—	pCi/L	U	U	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.83	4.33E-01	4.70E+00	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.93	4.33E-01	3.00E+00	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.737	4.33E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.305	4.67E-01	4.80E+00	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.933	3.67E-01	3.50E+00	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.435	3.67E-01	3.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	2.77	1.27E+00	7.90E+00	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	69.5	2.23E+01	2.50E+02	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	22.2	7.00E+00	5.20E+01	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.23	3.33E+00	3.30E+01	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.41	2.47E+00	2.30E+01	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-22.3	3.07E+00	2.70E+01	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00407	1.17E-03	3.10E-02	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00992	3.03E-03	3.50E-02	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.37E-03	2.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00241	2.90E-03	4.30E-02	—	pCi/L	U	U	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00407	2.13E-03	3.50E-02	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00198	1.13E-03	3.50E-02	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00335	1.37E-03	2.90E-02	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00482	1.97E-03	4.20E-02	—	pCi/L	U	U	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-40.1	5.67E+00	4.80E+01	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC

Table D-1 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9B	04/23/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	22.2	4.67E+00	2.90E+01	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	30.2	7.33E+00	4.90E+01	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.801	4.00E-01	4.30E+00	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.142	3.67E-01	3.80E+00	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.862	3.10E-01	3.40E+00	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.293	5.00E-02	4.90E-01	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0709	2.20E-02	2.30E-01	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0561	3.23E-02	3.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.836566	2.53E-01	2.60E+00	—	pCi/L	U	U	09-29	CAWR-08-15552	ARSL
Spring 9B	04/23/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	08-1076	CAWR-08-12124	UMTL
Spring 9B	10/01/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.128	8.67E-03	1.50E-01	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.121	6.00E-03	7.20E-02	—	pCi/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.166	1.17E-02	1.70E-01	—	pCi/L	—	—	09-21	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.178	8.33E-03	1.10E-01	—	pCi/L	—	—	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0102	2.40E-03	7.60E-02	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.63E-03	3.40E-02	—	pCi/L	U	U	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	4.67E-03	8.70E-02	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0174	2.63E-03	5.20E-02	—	pCi/L	U	U	08-1054	CAWR-08-12124	GELC
Spring 9B	10/01/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0537	7.00E-03	8.00E-02	—	pCi/L	U	U	09-21	CAWR-08-15551	GELC
Spring 9B	04/23/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0699	4.33E-03	4.50E-02	—	pCi/L	—	—	08-1054	CAWR-08-12125	GELC
Spring 9B	10/01/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0189	9.33E-03	9.20E-02	—	pCi/L	U	U	09-21	CAWR-08-15552	GELC
Spring 9B	04/23/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.116	6.67E-03	6.90E-02	—	pCi/L	—	—	08-1054	CAWR-08-12124	GELC

Table D-2 Previously Unreported Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	4/28/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.224	9.60E-02	2.87E-01	—	pCi/L	U	U	08-1080	CAWR-08-12119	UMTL
Ancho Spring	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.032	9.60E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900GSAW01	UMTL
Ancho Spring	5/2/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.128	9.60E-02	2.87E-01	—	pCi/L	—	U	2336	UU070400GSAW01	UMTL
Ancho Spring	9/19/2006	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.16	9.60E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900GSAW01	UMTL
Ancho Spring	2/2/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	37.4	20.2	204	—	pCi/L	U	U	130097	GU05010GSAW01	GELC
Ancho Spring	2/2/2005	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.16	9.60E-02	2.87E-01	—	pCi/L	—	U	2009	UU05010GSAW01	UMTL
Ancho Spring	10/24/2001	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-53.8	1.64E+01	167	—	pCi/L	U	U	51004	GU01101GSAW	GELC
Ancho Spring	9/26/2000	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-89.6	1.81E+01	191	—	pCi/L	—	U	32009	GM00091GSAW	GELC
Spring 10	4/23/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.05	9.60E-02	2.87E-01	—	pCi/L	—	—	08-1076	CAWR-08-12126	UMTL
Spring 10	9/27/2000	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-60	1.85E+01	192	—	pCi/L	—	U	32009	GM00091G01S	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	140	—	—	7.30E-01	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	145	—	—	7.25E-01	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	146	—	—	7.25E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	131	—	—	7.25E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.7	—	—	7.25E-01	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	3.00E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.00E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	3.00E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	3.60E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	3.60E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	3.60E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	3.00E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	23.5	—	—	3.00E-02	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.1	—	—	3.00E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	3.60E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.3	—	—	3.60E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.2	—	—	3.60E-02	mg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.16	—	—	6.60E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.09	—	—	6.60E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.02	—	—	6.60E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.85	—	—	6.60E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.53	—	—	6.60E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.76	—	—	5.30E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.636	—	—	3.30E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.607	—	—	3.30E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.604	—	—	3.30E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.559	—	—	3.30E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.14	—	—	3.30E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.547	—	—	3.00E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.16	—	—	3.30E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	4.30E-01	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	59.9	—	—	4.25E-01	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	4.25E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	4.40E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.9	—	—	8.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	8.50E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.9	—	—	4.30E-01	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	65.2	—	—	4.25E-01	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64	—	—	4.25E-01	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.4	—	—	4.40E-01	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	57.8	—	—	8.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.5	—	—	8.50E-02	mg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.857	—	—	8.50E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.31	—	—	8.50E-02	mg/L	—	—	194451	GF070900G2SW20	GELC

Table D-2 Previously Unreported Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.32	—	—	8.50E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.765	—	—	8.50E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.03	—	—	8.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.833	—	—	8.50E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.15	—	—	8.50E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.55	—	—	8.50E-02	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.55	—	—	8.50E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.812	—	—	8.50E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.13	—	—	8.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.13	—	—	8.50E-02	mg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as N	—	0.849	—	—	1.40E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0551	—	—	5.00E-02	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	5.00E-02	µg/L	U	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.163	—	—	5.00E-02	µg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	172166	GF060900G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	5.00E-02	µg/L	U	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	5.00E-02	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	5.00E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44	—	—	4.50E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	45.6	—	—	4.50E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	45	—	—	4.50E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.8	—	—	4.50E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.6	—	—	4.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	39	—	—	4.50E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.5	—	—	4.50E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	44	—	—	4.50E-02	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	45.4	—	—	4.50E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.3	—	—	4.50E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.5	—	—	4.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	40	—	—	4.50E-02	mg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	296	—	—	1.00E+00	µS/cm	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	291	—	—	1.00E+00	µS/cm	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	288	—	—	1.00E+00	µS/cm	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	274	—	—	1.00E+00	µS/cm	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	338	—	—	1.00E+00	µS/cm	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	230	—	—	1.00E+00	µS/cm	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.83	—	—	1.00E-01	mg/L	—	J-	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.35	—	—	1.00E-01	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.33	—	—	1.00E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.66	—	—	1.00E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.77	—	—	1.00E-01	mg/L	—	—	172166	GF060900G2SW01	GELC

Table D-2 Previously Unreported Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.01	—	—	5.70E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.99	—	—	1.00E-01	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	8.2	—	—	1.10E+00	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	14.8	—	—	1.14E+00	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	3.2	—	—	2.28E+00	mg/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	3	—	—	1.43E+00	mg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	27.6	—	—	1.27E+00	mg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.40E+00	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.38E+00	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	196	—	—	2.38E+00	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.38E+00	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	231	—	—	2.38E+00	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	234	—	—	2.38E+00	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	184	—	—	2.38E+00	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.137	—	—	2.90E-02	mg/L	—	J-	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.09	—	—	2.90E-02	mg/L	J	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.159	—	—	2.90E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.06	—	—	1.00E-02	mg/L	J	J-, U	172166	GU060900G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.39	—	—	3.30E-01	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.27	—	—	3.30E-01	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.29	—	—	3.30E-01	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.41	—	—	3.30E-01	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2	—	—	3.30E-01	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.027	—	—	2.40E-02	mg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.025	—	—	2.40E-02	mg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.042	—	—	2.40E-02	mg/L	J	U	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.026	—	—	1.00E-02	mg/L	J	U	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.109	—	—	1.00E-02	mg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.17	—	—	1.00E-02	SU	H	J-	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.33	—	—	1.00E-02	SU	H	J	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	1.00E-02	SU	H	J	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.58	—	—	1.00E-02	SU	H	J	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.32	—	—	1.00E-02	SU	H	J	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	757	—	—	6.80E+01	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	574	—	—	6.80E+01	µg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	613	—	—	6.80E+01	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	129	—	—	6.80E+01	µg/L	J	U	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	194	—	—	6.80E+01	µg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1060	—	—	6.80E+01	µg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	9	—	—	1.50E+00	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	10.3	—	—	1.50E+00	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	9.7	—	—	1.50E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	—	27.8	—	—	6.00E+00	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	8.8	—	—	1.50E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	10.4	—	—	1.50E+00	µg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	9.8	—	—	1.50E+00	µg/L	—	U	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	11.6	—	—	1.50E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	—	26.6	—	—	6.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	—	10	—	—	6.00E+00	µg/L	J	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	37.6	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW20	GELC

Table D-2 Previously Unreported Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.9	—	—	1.00E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.4	—	—	1.00E+00	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.8	—	—	1.00E+00	µg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.2	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	47.6	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.9	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1.00E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.6	—	—	1.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	45.2	—	—	1.00E+00	µg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	41.3	—	—	1.00E+01	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	47.1	—	—	1.00E+01	µg/L	J	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	46.4	—	—	1.00E+01	µg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	43	—	—	1.00E+01	µg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	72.5	—	—	1.00E+01	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	42.1	—	—	1.00E+01	µg/L	J	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	44.7	—	—	1.00E+01	µg/L	J	J	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	46.3	—	—	1.00E+01	µg/L	J	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	47.4	—	—	1.00E+01	µg/L	J	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	42	—	—	1.00E+01	µg/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	72.7	—	—	1.00E+01	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	46	—	—	1.00E+01	µg/L	J	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.1	—	—	2.50E+00	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2.3	—	—	1.00E+00	µg/L	J	U	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.00E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2	—	—	1.00E+00	µg/L	J	U	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	2.50E+00	µg/L	J	J	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.6	—	—	1.00E+00	µg/L	J	U	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1.00E+00	µg/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.4	—	—	1.00E+00	µg/L	J	U	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	2	—	—	1.00E+00	µg/L	J	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.6	—	—	1.00E+00	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	µg/L	U	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	µg/L	U	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	µg/L	U	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	52.4	—	—	2.50E+01	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	36.1	—	—	2.50E+01	µg/L	J	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	37.1	—	—	2.50E+01	µg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	27.5	—	—	1.80E+01	µg/L	J	U	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	27.5	—	—	1.80E+01	µg/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	692	—	—	2.50E+01	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	434	—	—	2.50E+01	µg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	454	—	—	2.50E+01	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	172	—	—	1.80E+01	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	163	—	—	1.80E+01	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1390	—	—	1.80E+01	µg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2.00E+00	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	µg/L	U	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.2	—	—	2.00E+00	µg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.3	—	—	2.00E+00	µg/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	42.9	—	—	2.00E+00	µg/L	—	—	146657	GF05090G2SW01	GELC

Table D-2 Previously Unreported Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	81.4	—	—	2.00E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	29.4	—	—	2.00E+00	µg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30	—	—	2.00E+00	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	58.5	—	—	2.00E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.2	—	—	2.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	327	—	—	2.00E+00	µg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.1	—	—	1.00E-01	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.3	—	—	2.00E+00	µg/L	J	U, J+	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.8	—	—	2.00E+00	µg/L	J	U	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.4	—	—	2.00E+00	µg/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.5	—	—	2.00E+00	µg/L	J	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.4	—	—	1.00E-01	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	5	—	—	2.00E+00	µg/L	J	U, J+	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.1	—	—	2.00E+00	µg/L	J	U	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.1	—	—	2.00E+00	µg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.5	—	—	2.00E+00	µg/L	J	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	µg/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.82	—	—	5.00E-01	µg/L	J	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.83	—	—	5.00E-01	µg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.97	—	—	5.00E-01	µg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.83	—	—	5.00E-01	µg/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4	—	—	5.00E-01	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	µg/L	J	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	µg/L	J	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	µg/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	µg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	µg/L	J	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.8	—	—	3.20E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	208	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	211	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	230	—	—	1.00E+00	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	175	—	—	1.00E+00	µg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	186	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	216	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	216	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	173	—	—	1.00E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	237	—	—	1.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1.00E+00	µg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.64	—	—	4.00E-01	µg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.54	—	—	4.00E-01	µg/L	J	U	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.76	—	—	3.00E-01	µg/L	J	J	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	µg/L	U	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	µg/L	U	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.1	—	—	5.00E-02	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	µg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.4	—	—	5.00E-02	µg/L	—	—	172166	GF060900G2SW01	GELC

Table D-2 Previously Unreported Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	5.00E-02	µg/L	—	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3	—	—	5.00E-02	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	2.4	—	—	5.00E-02	µg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.4	—	—	5.00E-02	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.97	—	—	5.00E-02	µg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	20.3	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.8	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1.00E+00	µg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.1	—	—	1.00E+00	µg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	20.7	—	—	1.00E+00	µg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	µg/L	J	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	24	—	—	1.00E+00	µg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	12.1	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.2	—	—	1.00E+00	µg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.7	—	—	1.00E+00	µg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	20.7	—	—	1.00E+00	µg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1.00E+00	µg/L	—	—	146657	GU05090G2SW01	GELC
Spring 2	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.7	—	—	2.00E+00	µg/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185674	GF070400G2SW01	GELC
Spring 2	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.9	—	—	2.00E+00	µg/L	J	U	172166	GF060900G2SW01	GELC
Spring 2	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	146657	GF05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.2	—	—	2.00E+00	µg/L	J	J	08-1082	CAWR-08-12092	GELC
Spring 2	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	194451	GU070900G2SW01	GELC
Spring 2	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	µg/L	U	—	185674	GU070400G2SW01	GELC
Spring 2	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.8	—	—	2.00E+00	µg/L	J	U	172166	GU060900G2SW01	GELC
Spring 2	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4	—	—	2.00E+00	µg/L	J	—	146657	GU05090G2SW01	GELC
Spring 2	4/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.096	9.60E-02	2.87E-01	—	pCi/L	U	U	08-1083	CAWR-08-12092	UMTL
Spring 2	9/24/2007	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.224	9.60E-02	2.87E-01	—	pCi/L	—	U	2407	UU070900G2SW20	UMTL
Spring 2	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.96	9.60E-02	2.87E-01	—	pCi/L	—	—	2407	UU070900G2SW01	UMTL
Spring 2	5/7/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35	9.60E-02	2.87E-01	—	pCi/L	—	U	2337	UU070400G2SW01	UMTL
Spring 2	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.83	9.60E-02	2.87E-01	—	pCi/L	—	J	/G-05217-Uf	UU060900G2SW01	UMTL
Spring 2	9/26/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	238	2.09E+01	201	—	pCi/L	—	J	146657	GU05090G2SW01	GELC
Spring 3	4/23/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.05	9.60E-02	2.87E-01	—	pCi/L	—	—	08-1075	CAWR-08-12093	UMTL
Spring 3	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.99	9.60E-02	2.87E-01	—	pCi/L	—	—	2409	UU070900G3SW01	UMTL
Spring 3	4/30/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.4	9.60E-02	2.87E-01	—	pCi/L	—	—	2336	UU070400G3SW01	UMTL
Spring 3	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.3	9.60E-02	2.87E-01	—	pCi/L	—	—	2273	UU060900G3SW01	UMTL
Spring 3	9/26/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	19.3	1.94E+01	198	—	pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3A	4/23/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.671	9.60E-02	2.87E-01	—	pCi/L	—	U	08-1075	CAWR-08-12130	UMTL
Spring 3A	4/23/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.639	9.60E-02	2.87E-01	—	pCi/L	—	U	08-1075	CAWR-08-12098	UMTL
Spring 3A	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.77	9.60E-02	2.87E-01	—	pCi/L	—	J	2409	UU070900GA3S01	UMTL
Spring 3A	4/30/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.57	9.60E-02	2.87E-01	—	pCi/L	—	U	2336	UU070400GA3S01	UMTL
Spring 3A	9/18/2006	WG	UF	CS	FD	Rad	LLEE	Tritium	—	1.12	9.60E-02	2.87E-01	—	pCi/L	—	—	2273	UU060900GA3S90	UMTL
Spring 3A	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.18	9.60E-02	2.87E-01	—	pCi/L	—	—	2273	UU060900GA3S01	UMTL
Spring 3A	9/26/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	36.1	19.7	200	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 4	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.17	9.60E-02	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12099	UMTL
Spring 4	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.73	9.60E-02	2.87E-01	—	pCi/L	—	—	2409	UU070900G4SW01	UMTL
Spring 4	5/3/2007	WG	UF	CS	FD	Rad	LLEE	Tritium	—	8.46	9.60E-02	2.87E-01	—	pCi/L	—	—	2337	UU070400G4SW20	UMTL
Spring 4	5/3/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.41	9.60E-02	2.87E-01	—	pCi/L	—	—	2337	UU070400G4SW01	UMTL
Spring 4	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.33	1.06E-01	2.87E-01	—	pCi/L	—	—	2273	UU060900G4SW01	UMTL
Spring 4	9/26/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	92.7	26	259	—	pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4A	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.575	9.60E-02	2.87E-01	—	pCi/L	—	U	08-1079	CAWR-08-12111	UMTL
Spring 4A	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.351	9.60E-02	2.87E-01	—	pCi/L	—	U	2409	UU070900GA4S01	UMTL

Table D-2 Previously Unreported Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	5/2/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.99	9.60E-02	2.87E-01	—	pCi/L	—	J	2337	UU070400GA4S01	UMTL
Spring 4A	9/18/2006	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.54	9.60E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900GA4S90	UMTL
Spring 4A	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.51	9.60E-02	2.87E-01	—	pCi/L	—	U	2273	UU060900GA4S01	UMTL
Spring 4A	9/27/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	63.1	19.7	197	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4AA	4/24/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	—	2.1	9.60E-02	2.87E-01	—	pCi/L	—	—	08-1077	CAWR-08-12131	UMTL
Spring 4AA	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.1	9.60E-02	2.87E-01	—	pCi/L	—	—	08-1077	CAWR-08-12109	UMTL
Spring 4AA	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.1	9.60E-02	2.87E-01	—	pCi/L	—	—	2409	UU070900GAA401	UMTL
Spring 4AA	5/2/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.2	9.60E-02	2.87E-01	—	pCi/L	—	—	2337	UU070400GAA401	UMTL
Spring 4AA	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.62	9.60E-02	2.87E-01	—	pCi/L	—	—	2273	UU060900GAA401	UMTL
Spring 4AA	1/28/2002	WG	UF	CS	—	Rad	LLEE	Tritium	—	3.19	6.40E-02	2.87E-01	—	pCi/L	—	—	JB1575	MU02011GAA4	UMTL
Spring 4B	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	26.5	2.90E-01	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12102	UMTL
Spring 4B	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.64	3.19E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900GB4S01	UMTL
Spring 4B	5/1/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	31.61	3.19E-01	2.87E-01	—	pCi/L	—	—	2336	UU070400GB4S01	UMTL
Spring 4B	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	31.29	3.19E-01	2.87E-01	—	pCi/L	—	—	2273	UU060900GB4S01	UMTL
Spring 4B	1/28/2002	WG	UF	CS	—	Rad	LLEE	Tritium	—	45.1	3.41E-01	2.87E-01	—	pCi/L	—	—	JB1575	MU02011GB4S	UMTL
Spring 4C	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.92	9.60E-02	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12106	UMTL
Spring 4C	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.1	9.60E-02	2.87E-01	—	pCi/L	—	—	2409	UU070900GC4S01	UMTL
Spring 4C	5/1/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	9.4	1.06E-01	2.87E-01	—	pCi/L	—	—	2336	UU070400GC4S01	UMTL
Spring 4C	9/19/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.8	9.60E-02	2.87E-01	—	pCi/L	—	—	2273	UU060900GC4S01	UMTL
Spring 4C	1/28/2002	WG	UF	CS	—	Rad	LLEE	Tritium	—	11.3	1.70E-01	2.87E-01	—	pCi/L	—	—	JB1575	MU02011GC4S	UMTL
Spring 9B	4/23/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.128	—	2.87E-01	—	pCi/L	U	U	08-1076	CAWR-08-12124	UMTL

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	Description
ASHED	Ashed
CRUSH	Crushed
F	Filtered
NA	Not Analyzed
SV	Sieved
UA	Unassigned
UF	Unfiltered
UNK	Unknown
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
n/a	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)

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	**Description**
BLIND	Blind QC
BS	Blank Spike
BSD	Blank Spike Duplicate
CS	Client Sample
DL	Dilution
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory 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 Contract Laboratory Program (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 laboratory 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 Chemical Sciences and Technology (CST) laboratory code should not be used.
UL	UL (all suites)—Not detected legacy—This laboratory 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 laboratory 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 laboratory 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 (IS).
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 because of 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	CST validators assigned a J-qualifier to this sample result. The hard copy 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 be 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 5 times 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 relative error ratio (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) because of 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 laboratory qualifier. CST validators assigned the J-qualifier. The hard copy 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 laboratory qualifier.
GUP_R	Gamma: Units and matrix are inconsistent.
GZR	The result for this radionuclide was reported as zero (0); therefore, this analyte should be regarded as not detected.
GZUNC	CST 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 because of 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 min 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 5 times.
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 are 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 the (1) reporting limit is approximate and probably biased low for nondetected results and (2) 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 are 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 laboratory 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 laboratory 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 (LAL), which indicates a potential low bias in the results.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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.
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 2 times 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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
I14	I14
I14a	Insufficient sample volume was received for a matrix-spike analysis.
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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
I3b	INORGANIC_I3b
I3c	INORGANIC_I3c
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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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.
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 were 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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
IMS30	IMS30
INONE	No reason for historical inorganic data
INQ	INQ
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 laboratory 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 laboratory qualifier.
IUP_R	Inorganic: Units and matrix are inconsistent.
IUUJ	This analyte should be regarded as not detected because the laboratory assigned a U laboratory qualifier. CST assigned the J-qualifier; need hard copy to determine CST's reason.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
IV3a	INORGANIC_IV3a
IWQ1	The sample temperature was elevated
IWQ2	Negative blank samples results were greater than the MDL
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 <5 times 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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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 a detect.
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-h 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 were 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 >30 s 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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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.
LOW S	VOC_LOW STD
LOWST	VOC_LOWSTD
LP1	The sample was improperly preserved.
LP3	Sample was 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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
NS1a	SVOC_SVVS1a
NUA	NONE_NUA
NULAB	NONE_U_LAB This analyte should be regarded as not detected because the laboratory assigned a U laboratory qualifier.
NUP_R	Units and matrix are inconsistent.
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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
OP12b	ORGANIC_OP12b
OP3	ORGANIC_OP3
OP3a	ORGANIC_OP3a
OP3b	ORGANIC_OP3b
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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
OULAB	O_U_LAB This analyte should be regarded as not detected because the laboratory assigned a U laboratory qualifier.
OV3	OV3
OV36	ORGANIC_OV36
OV3a	ORGANIC_OV3a
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 because of 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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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).
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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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.
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 are 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%

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
PUJCS	This analyte should be regarded as not detected because the laboratory assigned a U laboratory qualifier. CST assigned the J-qualifier; need hard copy to determine CST's reason.
PUJLA	P_U_LAB
PULAB	This analyte should be regarded as not detected because the laboratory assigned a U laboratory qualifier.
PV3	PESTPCB_PV3
PV4	PESTPCB_PV4
PWQ1	No MS/MSD data were 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 3 times the 1 sigma TPU.
R11a	RAD_R11a

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
R11b	RAD_R11b
R11c	RAD_R11c
R11d	RAD_R11d
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 request number (RN).
R16	RAD_R16
R16a	Result is greater than the MDC for the following fission and activation products with half-lives less than 365 d: 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 laboratories 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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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.
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 5 times the associated sample concentration.
R4b	Blank data are 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 prevent 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 are 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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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.
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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
RQCBL	RQCBL_RAD
RQCMX	R_Samp_QC_Mixed
RRLAB	R LAB RAD
RSQLP	RAD_SQLPLUR9B
RT30	R_Tracer < 30%
RUJCS	This analyte should be regarded as not detected because the laboratory assigned a U laboratory 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 laboratory qualifier.
RUP_R	RAD: Units and matrix are 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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
SQCBL	SQCBL
SQLPL	RAD_SQLPLUR9B
SRO9	ORGANIC_SRO9
SSU10	SSU10
SUJCS	This analyte should be regarded as not detected because the laboratory assigned a U laboratory 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 s, 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 because of 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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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
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 5 times (10 times for common laboratory contaminants).
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 are 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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
SV7a	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.
SV7b	The affected analytes were analyzed with an RRF of less than 0.05.
SV8	The affected analyte is considered not detected because mass spectrum did not meet specifications.
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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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.
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 s, 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 because of 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%.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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.
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.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
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 times 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.
V4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5 times (10 times for common laboratory contaminants).
V4b	Required method blank information is missing. Data may not be acceptable for use.
V5	VOC_V5
V5a	Method-blank data are 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 an 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 2 times 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

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
VI45	VOC_VI45
VIA	VOC_VIA
VIC	VOC_VIC
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 laboratory qualifier. CST assigned the J-qualifier; need hard copy to determine CST's reason.

Secondary Validation Reason Codes (continued)

Valid Reason Code	Valid Reason Description
VUJLA	VUJLA
VULAB	This analyte should be regarded as not detected because the laboratory assigned a U laboratory qualifier.
VUP_R	VOC: Units and matrix are inconsistent.
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 Perchlorate

Field Matrix Code	Location	Date	Field QC Type Code	Field Prep Code	Lab Sample Type Code	Analytical Method Code	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
WS	Rio Grande at Frijoles	10/01/08	—*	F	CS	SW-846:6850	0.0691	0.05	µg/L	1	J	J	J_LAB	GELC
WS	Rio Grande at Frijoles	10/01/08	FD	F	CS	SW-846:6850	0.074	0.05	µg/L	1	J	J	J_LAB	GELC
WS	Ancho at Rio Grande	09/30/08	—	F	CS	SW-846:6850	0.175	0.05	µg/L	1	J	J	J_LAB	GELC

*— = None.

Table E-2
Surface-Water Tritium

Field Matrix Code	Location	Date	Field Prep Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
WS	Rio Grande at Frijoles	10/01/08	UF	CS	FD	<	7.63	1.65	3.557002	pCi/L	Generic:Low_Level_Tritium	ARSL	—*	U	R4
WS	Rio Grande at Frijoles	10/01/08	UF	CS	—	<	7.27	1.60	3.525072	pCi/L	Generic:Low_Level_Tritium	ARSL	—	U	R4

*— = None.

Table E-3
Previously Unreported Groundwater Metals

Zone	Location	Date	Analyte	Field Prep Code	Lab Sample Type Code	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	EPA MCL	Ratio (Result/ Scr Level)
Regional Spring	Spring 2	04/29/08	As	F	CS	9	1.5	µg/L	GELC	—*	—	—	SW-846:6020	10	0.9
Regional Spring	Spring 2	04/29/08	As	UF	CS	8.8	1.5	µg/L	GELC	—	—	—	SW-846:6020	10	0.88

*— = None.

Table E-4
Previously Unreported Groundwater Perchlorate

Zone	Location	Date	Field Prep Code	Lab Sample Type Code	Analytical Method Code	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Regional Spring	Spring 2	04/29/08	F	CS	SW-846:6850	0.0551	0.05	µg/L	1	J	J	J_LAB	GELC

Table E-5
Previously Unreported Groundwater Tritium

Zone	Location	Date	Field Prep Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional Spring	Spring 2	04/29/08	UF	CS	—*	<	0.10	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 3	04/23/08	UF	CS	—	—	1.05	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 3A	04/23/08	UF	CS	FD	<	0.67	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Spring 3A	04/23/08	UF	CS	—	<	0.64	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Spring 4	04/24/08	UF	CS	—	—	8.17	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4C	04/24/08	UF	CS	—	—	7.92	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4B	04/24/08	UF	CS	—	—	26.50	0.86	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4AA	04/24/08	UF	CS	—	—	2.14	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4AA	04/24/08	UF	CS	FD	—	2.11	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4A	04/24/08	UF	CS	—	<	0.57	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Ancho Spring	04/28/08	UF	CS	—	<	-0.22	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 9B	04/23/08	UF	CS	—	<	0.13	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 10	04/23/08	UF	CS	—	—	1.05	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—

*— = None.

Table E-6
Groundwater Metals

Zone	Location	Date	Analyte	Field Prep Code	Lab Sample Type Code	Field QC Type Code	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	EPA MCL	Ratio (Result/ Scr Level)	NMWQCC GW STD	Ratio (Result/ Scr Level)
Regional Spring	Sacred Spring	09/26/08	Mn	F	CS	FD	197	2	µg/L	GELC	—*	—	—	SW-846:6010B	—	—	200	0.99
Regional Spring	Sacred Spring	09/26/08	Mn	F	CS	—	194	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	0.97
Regional Spring	Spring 2	09/29/08	As	F	CS	—	8.8	1.5	µg/L	GELC	—	—	—	SW-846:6020	10	0.88	—	—
Regional Spring	Spring 2	09/29/08	As	UF	CS	—	10.3	1.5	µg/L	GELC	—	—	—	SW-846:6020	10	1.03	—	—

*— = None.

Table E-7
Groundwater Organics

Zone	Location	Date	Field Prep Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Result	MDL	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 (N)	Ratio (Result/ Scr Level)	NMWQCC GW STD	Ratio (Result/ Scr Level)
Regional Spring	Sacred Spring	09/26/08	UF	CS	VOA	Toluene	0.261	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—*	2280	—	750	—
Regional Spring	Spring 3	09/29/08	UF	CS	VOA	Acetone	1.56	1.5	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	5480	—	—	—
Regional Spring	Spring 3A	09/29/08	UF	CS	VOA	Butanone[2-]	1.38	1.3	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	7060	—	—	—
Regional Spring	Spring 4B	09/29/08	UF	CS	VOA	Butanone[2-]	1.62	1.3	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	7060	—	—	—
Regional Spring	Spring 5	09/30/08	UF	CS	VOA	Butanone[2-]	6.48	1.3	µg/L	1	—	J	V7c	SW-846:8260B	GELC	—	—	7060	—	—	—

*— = None.

Table E-8
Groundwater Perchlorate

Zone	Location	Date	Field QC Type Code	Field Prep Code	Lab Sample Type Code	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Regional Spring	Sacred Spring	09/26/08	—*	F	CS	SW-846:6850	—	0.0594	0.05	µg/L	1	J	J	J_LAB	GELC
Regional Spring	Sacred Spring	09/26/08	FD	F	CS	SW-846:6850	—	0.0729	0.05	µg/L	1	J	J	J_LAB	GELC
Regional Spring	La Mesita Spring	09/26/08	—	F	CS	SW-846:6850	—	0.858	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 1	09/29/08	—	F	CS	SW-846:6850	—	0.311	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 2	09/29/08	—	F	CS	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional Spring	Sandia Spring	09/25/08	—	F	CS	SW-846:6850	—	0.38	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3	09/29/08	—	F	CS	SW-846:6850	—	0.482	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3A	09/29/08	—	F	CS	SW-846:6850	—	0.487	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3A	09/29/08	FD	F	CS	SW-846:6850	—	0.475	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3AA	09/29/08	—	F	CS	SW-846:6850	—	0.468	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4	09/29/08	—	F	CS	SW-846:6850	—	0.679	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4C	09/29/08	—	F	CS	SW-846:6850	—	0.626	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4B	09/29/08	—	F	CS	SW-846:6850	—	0.563	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4AA	09/29/08	—	F	CS	SW-846:6850	—	0.564	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4A	09/29/08	—	F	CS	SW-846:6850	—	0.551	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 5	09/30/08	—	F	CS	SW-846:6850	—	0.463	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 5A	09/30/08	—	F	CS	SW-846:6850	—	0.39	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Ancho Spring	09/30/08	—	F	CS	SW-846:6850	—	0.28	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 6	09/30/08	—	F	CS	SW-846:6850	—	0.341	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 6	09/30/08	FD	F	CS	SW-846:6850	—	0.346	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 6A	09/30/08	—	F	CS	SW-846:6850	—	0.339	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 8A	09/30/08	—	F	CS	SW-846:6850	—	0.254	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 9	09/30/08	—	F	CS	SW-846:6850	—	0.253	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 9A	10/01/08	—	F	CS	SW-846:6850	—	0.296	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 9B	10/01/08	—	F	CS	SW-846:6850	—	0.324	0.05	µg/L	1	—	—	—	GELC

*— = None.

Table E-9
Groundwater Tritium

Zone	Location	Date	Field Prep Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional Spring	Sacred Spring	09/26/08	UF	CS	FD	<	-0.45	1.00	3.426089	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Sacred Spring	09/26/08	UF	CS	—*	<	-2.44	1.04	3.464405	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	La Mesita Spring	09/26/08	UF	CS	—	<	-2.94	1.07	3.496335	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 1	09/29/08	UF	CS	—	<	-0.06	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 2	09/29/08	UF	CS	—	<	0.67	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Sandia Spring	09/25/08	UF	CS	—	<	-2.60	1.04	3.454826	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 3	09/29/08	UF	CS	—	<	-1.51	1.05	3.57616	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 3A	09/29/08	UF	CS	FD	<	-0.75	1.08	3.678336	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 3A	09/29/08	UF	CS	—	<	-1.36	1.03	3.515493	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 3AA	09/29/08	UF	CS	—	<	-2.64	1.04	3.445247	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 4	09/29/08	UF	CS	—	<	3.50	1.24	3.579353	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 4C	09/29/08	UF	CS	—	<	4.66	1.12	2.675734	pCi/L	Generic:Low_Level_Tritium	ARSL	—	U	R4
Regional Spring	Spring 4B	09/29/08	UF	CS	—	<	16.96	2.88	3.633634	pCi/L	Generic:Low_Level_Tritium	ARSL	—	U	R4
Regional Spring	Spring 4AA	09/29/08	UF	CS	—	<	1.53	0.90	2.848156	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 4A	09/29/08	UF	CS	—	<	-0.29	0.79	2.68212	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 5	09/30/08	UF	CS	—	<	-2.23	1.10	3.681529	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 5A	09/30/08	UF	CS	—	<	-0.30	1.10	3.732617	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Ancho Spring	09/30/08	UF	CS	—	<	0.07	0.78	2.624646	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 6	09/30/08	UF	CS	FD	<	-2.05	1.12	3.780512	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 6	09/30/08	UF	CS	—	<	-1.38	1.03	3.515493	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 6A	09/30/08	UF	CS	—	<	-1.82	1.07	3.627248	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 8A	09/30/08	UF	CS	—	<	0.50	0.80	2.656576	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 9	09/30/08	UF	CS	—	<	-1.55	1.03	3.5123	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 9A	10/01/08	UF	CS	—	<	-1.56	1.10	3.76774	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional Spring	Spring 9B	10/1/2008	UF	CS	—	<	-0.836566	0.759934	2.599102	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5

*— = None.

Table E-10
Groundwater Radionuclides

Zone	Location	Date	Analyte	Field Prep Code	Lab Sample Type Code	Result	Uncertainty	MDA	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DW DCG	Ratio (Result/ Scr Level)	EPA MCL	Ratio (Result/ Scr Level)	NMWQCC GW STD	Ratio (Result/ Scr Level)
Regional Spring	La Mesita Spring	09/26/08	U	F	CS	11.7	—*	—	µg/L	GELC	SW-846:6020	—	—	—	30	0.39	30	0.39	30	0.39
Regional Spring	La Mesita Spring	09/26/08	U	UF	CS	11.8	—	—	µg/L	GELC	SW-846:6020	—	—	—	30	0.39	30	0.39	30	0.39
Regional Spring	La Mesita Spring	09/26/08	U-234	F	CS	6.25	0.39	0.094	pCi/L	GELC	HASL-300:ISOU	—	—	—	20	0.31	—	—	—	—
Regional Spring	La Mesita Spring	09/26/08	U-234	UF	CS	6.36	0.43	0.13	pCi/L	GELC	HASL-300:ISOU	—	J+	R3b	20	0.32	—	—	—	—

*— = 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 White Rock Watershed under the Los Alamos National Laboratory (LANL or the Laboratory) "Interim Facility-Wide Groundwater Monitoring Plan" (IFGMP) (LANL 2008, 101897). IDW is waste generated as a result of field investigation activities and may include, but is not limited to, contact waste, consisting of contaminated personal protective equipment (PPE), sampling supplies, plastic, and paper; 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 White Rock Watershed groundwater monitoring waste characterization strategy form (WCSF), submitted in the June 2007 periodic monitoring report (PMR) (LANL 2007, 097342). The WCSF provides information on IDW characterization, management, containerization, analytical methods and estimated waste volumes. The most recent version of the "Los Alamos National Laboratory Hazardous Waste Minimization Report" (LANL 2008, 104174) is being 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 sampling of the media being investigated (i.e., groundwater). The groundwater analyses are augmented, as needed, by direct sampling of containerized waste to fulfill a treatment or disposal of facility's waste acceptance criteria (WAC). Under the 2008 IFGMP, 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 sample locations were not hazardous. The 2008 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 listed hazardous waste may be present (i.e. due diligence reviews). If low levels of listed hazardous waste are identified, a "contained-in" request may be submitted for approval to NMED.

F-3.0 WASTE MANAGEMENT

All IDW generated during this periodic monitoring event is being managed in accordance with applicable 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 procedures.

The SOP applicable to the characterization and management of IDW is

EP-ERSS-SOP-5022, Characterization and Management of Environmental Restoration Project Waste (http://www.lanl.gov/environment/all/qa/adep.shtml).

The IDW streams associated with groundwater monitoring are identified in Table F-3.0-1 and are briefly described below. Table F-3.0-1 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-3.0-1. The number of samples used to make the waste determination varies by sample location, depending on the classifications described in section F-2.0, Waste Determination. 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-3.0-1. Water disposal documentation is not attached because there were no new disposal documents (water profile forms, manifests, etc.) generated during this quarter or since the last reporting period.

Contact waste: The contact waste stream consists of solid wastes generated during sampling that "contacted" potentially contaminated environmental media (i.e., purge water) and equipment that 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 waste accumulation areas appropriate for the regulatory status of the waste. DOT-approved containers are used, as appropriate, for transport. Characterization of this waste stream is being performed through AK from analytical results for the environmental media with which it came into contact or direct sampling of the containerized waste. The contact waste is 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 September 2008 PMR (LANL 2008, 103737).
- 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 or a due diligence investigation of the sources of the contamination determines that the waste is not listed 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 and/or disposed of at a permitted off-site treatment, storage, and disposal 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 waste staging or storage 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.

F-4.0 REFERENCE

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 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), June 2007. "Periodic Monitoring Report for White Rock Watershed, September 11–22, 2006," Los Alamos National Laboratory document LA-UR-07-3474, Los Alamos, New Mexico. (LANL 2007, 097342)

LANL (Los Alamos National Laboratory), May 2008. "2008 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-08-3273, Los Alamos, New Mexico. (LANL 2008, 101897)

LANL (Los Alamos National Laboratory), September 2008. "Periodic Monitoring Report for White Rock Watershed, April 23–April 30, 2008," Los Alamos National Laboratory document LA-UR-08-5847, Los Alamos, New Mexico. (LANL 2008, 103737)

LANL (Los Alamos National Laboratory), November 2008. "Los Alamos National Laboratory Hazardous Waste Minimization Report," Los Alamos National Laboratory document LA-UR-08-7274, Los Alamos, New Mexico. (LANL 2008, 104174)

Table F-3.1
Summary of IDW Generation and Management

Waste Steam	Waste Type	Volume	Characterization Method	On-Site Management	Disposition Status
Contact Waste	Nonhazardous, Nonradioactive	0.17 yd^3 (36 gal.)	AK of the waste materials	Originally managed conservatively and collected in containers, stored at satellite accumulation areas, or at less-than-90-day 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.	Disposed of at New Mexico solid waste landfill ; WPF #39268[a]
Contact Waste	Nonhazardous, Suspect Radioactive	0.05 yd^3 (10 gal.)	AK of the waste materials	Managed radioactive staging area	Pending Green Is Clean screening, segregation, or WPF approval[b]

[a]The existing WPF was submitted in Appendix F of the September 2008 PMR (LANL 2008, 103737).

[b] Disposal documentation is pending completion of transport.

Appendix G

Analytical Reports
(on CD included with this document)

CD Table of Contents

Request	Suite	Sample	Date	Location
08-2023	GENINORG	CAWR-08-15466	9/25/2008	Sandia Spring
08-2023	GENINORG	CAWR-08-15467	9/25/2008	Sandia Spring
08-2023	METALS	CAWR-08-15466	9/25/2008	Sandia Spring
08-2023	METALS	CAWR-08-15467	9/25/2008	Sandia Spring
08-2023	RAD	CAWR-08-15466	9/25/2008	Sandia Spring
08-2023	RAD	CAWR-08-15467	9/25/2008	Sandia Spring
08-2023	SVOA	CAWR-08-15466	9/25/2008	Sandia Spring
08-2023	VOA	CAWR-08-15466	9/25/2008	Sandia Spring
08-2023	VOA	CAWR-08-15468	9/25/2008	Sandia Spring
08-2029	RAD	CAWR-08-15456	9/26/2008	Sacred Spring
08-2029	RAD	CAWR-08-15460	9/26/2008	Sacred Spring
08-2029	RAD	CAWR-08-15461	9/26/2008	Sacred Spring
08-2029	RAD	CAWR-08-15462	9/26/2008	Sacred Spring
08-2029	RAD	CAWR-08-15463	9/26/2008	La Mesita Spring
08-2029	RAD	CAWR-08-15464	9/26/2008	La Mesita Spring
08-2029	SVOA	CAWR-08-15456	9/26/2008	Sacred Spring
08-2029	SVOA	CAWR-08-15457	9/26/2008	Sacred Spring
08-2029	SVOA	CAWR-08-15459	9/26/2008	Sacred Spring
08-2029	SVOA	CAWR-08-15462	9/26/2008	Sacred Spring
08-2029	SVOA	CAWR-08-15463	9/26/2008	La Mesita Spring
08-2029	VOA	CAWR-08-15456	9/26/2008	Sacred Spring
08-2029	VOA	CAWR-08-15457	9/26/2008	Sacred Spring
08-2029	VOA	CAWR-08-15458	9/26/2008	Sacred Spring
08-2029	VOA	CAWR-08-15459	9/26/2008	Sacred Spring
08-2029	VOA	CAWR-08-15462	9/26/2008	Sacred Spring
08-2029	VOA	CAWR-08-15463	9/26/2008	La Mesita Spring
08-2029	VOA	CAWR-08-15465	9/26/2008	La Mesita Spring
08-2030	GENINORG	CAWR-08-15456	9/26/2008	Sacred Spring
08-2030	GENINORG	CAWR-08-15457	9/26/2008	Sacred Spring
08-2030	GENINORG	CAWR-08-15459	9/26/2008	Sacred Spring
08-2030	GENINORG	CAWR-08-15460	9/26/2008	Sacred Spring
08-2030	GENINORG	CAWR-08-15461	9/26/2008	Sacred Spring
08-2030	GENINORG	CAWR-08-15462	9/26/2008	Sacred Spring
08-2030	GENINORG	CAWR-08-15463	9/26/2008	La Mesita Spring
08-2030	GENINORG	CAWR-08-15464	9/26/2008	La Mesita Spring
08-2030	METALS	CAWR-08-15456	9/26/2008	Sacred Spring
08-2030	METALS	CAWR-08-15457	9/26/2008	Sacred Spring
08-2030	METALS	CAWR-08-15459	9/26/2008	Sacred Spring
08-2030	METALS	CAWR-08-15460	9/26/2008	Sacred Spring

Request	Suite	Sample	Date	Location
08-2030	METALS	CAWR-08-15461	9/26/2008	Sacred Spring
08-2030	METALS	CAWR-08-15462	9/26/2008	Sacred Spring
08-2030	METALS	CAWR-08-15463	9/26/2008	La Mesita Spring
08-2030	METALS	CAWR-08-15464	9/26/2008	La Mesita Spring
08-2032	RAD	CAWR-08-15456	9/26/2008	Sacred Spring
08-2032	RAD	CAWR-08-15462	9/26/2008	Sacred Spring
08-2032	RAD	CAWR-08-15463	9/26/2008	La Mesita Spring
08-2032	RAD	CAWR-08-15466	9/25/2008	Sandia Spring
08-2041	GENINORG	CAWR-08-15469	9/29/2008	Spring 1
08-2041	GENINORG	CAWR-08-15472	9/29/2008	Spring 1
08-2041	GENINORG	CAWR-08-15473	9/29/2008	Spring 2
08-2041	GENINORG	CAWR-08-15475	9/29/2008	Spring 2
08-2041	METALS	CAWR-08-15469	9/29/2008	Spring 1
08-2041	METALS	CAWR-08-15472	9/29/2008	Spring 1
08-2041	METALS	CAWR-08-15473	9/29/2008	Spring 2
08-2041	METALS	CAWR-08-15475	9/29/2008	Spring 2
08-2041	RAD	CAWR-08-15469	9/29/2008	Spring 1
08-2041	RAD	CAWR-08-15472	9/29/2008	Spring 1
08-2041	RAD	CAWR-08-15473	9/29/2008	Spring 2
08-2041	RAD	CAWR-08-15475	9/29/2008	Spring 2
08-2041	SVOA	CAWR-08-15470	9/29/2008	Spring 1
08-2041	SVOA	CAWR-08-15476	9/29/2008	Spring 2
08-2041	VOA	CAWR-08-15470	9/29/2008	Spring 1
08-2041	VOA	CAWR-08-15471	9/29/2008	Spring 1
08-2041	VOA	CAWR-08-15474	9/29/2008	Spring 2
08-2041	VOA	CAWR-08-15476	9/29/2008	Spring 2
08-2043	HEXP	CAWR-08-15500	9/29/2008	Spring 4
08-2043	HEXP	CAWR-08-15511	9/29/2008	Spring 4C
08-2043	HEXP	CAWR-08-15514	9/29/2008	Spring 4A
08-2043	HEXP	CAWR-08-15517	9/29/2008	Spring 4AA
08-2044	GENINORG	CAWR-08-15499	9/29/2008	Spring 3A
08-2044	HEXP	CAWR-08-15500	9/29/2008	Spring 4
08-2044	HEXP	CAWR-08-15511	9/29/2008	Spring 4C
08-2044	HEXP	CAWR-08-15514	9/29/2008	Spring 4A
08-2044	HEXP	CAWR-08-15517	9/29/2008	Spring 4AA
08-2044	METALS	CAWR-08-15499	9/29/2008	Spring 3A
08-2044	SVOA	CAWR-08-15482	9/29/2008	Spring 3
08-2044	SVOA	CAWR-08-15487	9/29/2008	Spring 3AA
08-2044	SVOA	CAWR-08-15489	9/29/2008	Spring 3A
08-2044	SVOA	CAWR-08-15495	9/29/2008	Spring 3A
08-2044	SVOA	CAWR-08-15496	9/29/2008	Spring 3A

Request	Suite	Sample	Date	Location
08-2044	SVOA	CAWR-08-15498	9/29/2008	Spring 3A
08-2044	SVOA	CAWR-08-15500	9/29/2008	Spring 4
08-2044	SVOA	CAWR-08-15511	9/29/2008	Spring 4C
08-2044	SVOA	CAWR-08-15514	9/29/2008	Spring 4A
08-2044	SVOA	CAWR-08-15517	9/29/2008	Spring 4AA
08-2044	VOA	CAWR-08-15482	9/29/2008	Spring 3
08-2044	VOA	CAWR-08-15483	9/29/2008	Spring 3
08-2044	VOA	CAWR-08-15485	9/29/2008	Spring 3AA
08-2044	VOA	CAWR-08-15487	9/29/2008	Spring 3AA
08-2044	VOA	CAWR-08-15489	9/29/2008	Spring 3A
08-2044	VOA	CAWR-08-15490	9/29/2008	Spring 3A
08-2044	VOA	CAWR-08-15495	9/29/2008	Spring 3A
08-2044	VOA	CAWR-08-15496	9/29/2008	Spring 3A
08-2044	VOA	CAWR-08-15498	9/29/2008	Spring 3A
08-2044	VOA	CAWR-08-15500	9/29/2008	Spring 4
08-2044	VOA	CAWR-08-15501	9/29/2008	Spring 4
08-2044	VOA	CAWR-08-15509	9/29/2008	Spring 4C
08-2044	VOA	CAWR-08-15511	9/29/2008	Spring 4C
08-2044	VOA	CAWR-08-15513	9/29/2008	Spring 4A
08-2044	VOA	CAWR-08-15514	9/29/2008	Spring 4A
08-2044	VOA	CAWR-08-15517	9/29/2008	Spring 4AA
08-2044	VOA	CAWR-08-15519	9/29/2008	Spring 4AA
09-18	HEXP	CAWR-08-15454	9/30/2008	Ancho at Rio Grande
09-18	HEXP	CAWR-08-15506	9/29/2008	Spring 4B
09-18	HEXP	CAWR-08-15521	9/30/2008	Spring 5
09-18	HEXP	CAWR-08-15528	9/30/2008	Spring 5A
09-18	HEXP	CAWR-08-15532	9/30/2008	Spring 6
09-18	HEXP	CAWR-08-15534	9/30/2008	Spring 6
09-18	HEXP	CAWR-08-15535	9/30/2008	Spring 6
09-18	HEXP	CAWR-08-15536	9/30/2008	Spring 6
09-18	HEXP	CAWR-08-15537	9/30/2008	Spring 9
09-18	HEXP	CAWR-08-15539	10/1/2008	Spring 9A
09-18	HEXP	CAWR-08-15542	9/30/2008	Spring 6A
09-18	HEXP	CAWR-08-15552	10/1/2008	Spring 9B
09-19	GENINORG	CAWR-08-15447	10/1/2008	Rio Grande at Frijoles
09-19	GENINORG	CAWR-08-15449	10/1/2008	Rio Grande at Frijoles
09-19	GENINORG	CAWR-08-15454	9/30/2008	Ancho at Rio Grande
09-19	GENINORG	CAWR-08-15484	9/29/2008	Spring 3
09-19	GENINORG	CAWR-08-15486	9/29/2008	Spring 3AA
09-19	GENINORG	CAWR-08-15491	9/29/2008	Spring 3A
09-19	GENINORG	CAWR-08-15493	9/29/2008	Spring 3A

Request	Suite	Sample	Date	Location
09-19	GENINORG	CAWR-08-15502	9/29/2008	Spring 4
09-19	GENINORG	CAWR-08-15504	9/29/2008	Spring 4B
09-19	GENINORG	CAWR-08-15521	9/30/2008	Spring 5
09-19	GENINORG	CAWR-08-15528	9/30/2008	Spring 5A
09-19	GENINORG	CAWR-08-15532	9/30/2008	Spring 6
09-19	GENINORG	CAWR-08-15534	9/30/2008	Spring 6
09-19	GENINORG	CAWR-08-15537	9/30/2008	Spring 9
09-19	GENINORG	CAWR-08-15539	10/1/2008	Spring 9A
09-19	GENINORG	CAWR-08-15542	9/30/2008	Spring 6A
09-19	GENINORG	CAWR-08-15552	10/1/2008	Spring 9B
09-19	HEXP	CAWR-08-15454	9/30/2008	Ancho at Rio Grande
09-19	HEXP	CAWR-08-15506	9/29/2008	Spring 4B
09-19	HEXP	CAWR-08-15521	9/30/2008	Spring 5
09-19	HEXP	CAWR-08-15528	9/30/2008	Spring 5A
09-19	HEXP	CAWR-08-15532	9/30/2008	Spring 6
09-19	HEXP	CAWR-08-15534	9/30/2008	Spring 6
09-19	HEXP	CAWR-08-15535	9/30/2008	Spring 6
09-19	HEXP	CAWR-08-15536	9/30/2008	Spring 6
09-19	HEXP	CAWR-08-15537	9/30/2008	Spring 9
09-19	HEXP	CAWR-08-15539	10/1/2008	Spring 9A
09-19	HEXP	CAWR-08-15542	9/30/2008	Spring 6A
09-19	HEXP	CAWR-08-15552	10/1/2008	Spring 9B
09-19	SVOA	CAWR-08-15447	10/1/2008	Rio Grande at Frijoles
09-19	SVOA	CAWR-08-15449	10/1/2008	Rio Grande at Frijoles
09-19	SVOA	CAWR-08-15451	10/1/2008	Rio Grande at Frijoles
09-19	SVOA	CAWR-08-15452	10/1/2008	Rio Grande at Frijoles
09-19	SVOA	CAWR-08-15454	9/30/2008	Ancho at Rio Grande
09-19	SVOA	CAWR-08-15506	9/29/2008	Spring 4B
09-19	SVOA	CAWR-08-15521	9/30/2008	Spring 5
09-19	SVOA	CAWR-08-15528	9/30/2008	Spring 5A
09-19	VOA	CAWR-08-15446	10/1/2008	Rio Grande at Frijoles
09-19	VOA	CAWR-08-15447	10/1/2008	Rio Grande at Frijoles
09-19	VOA	CAWR-08-15449	10/1/2008	Rio Grande at Frijoles
09-19	VOA	CAWR-08-15451	10/1/2008	Rio Grande at Frijoles
09-19	VOA	CAWR-08-15452	10/1/2008	Rio Grande at Frijoles
09-19	VOA	CAWR-08-15453	9/30/2008	Ancho at Rio Grande
09-19	VOA	CAWR-08-15454	9/30/2008	Ancho at Rio Grande
09-19	VOA	CAWR-08-15505	9/29/2008	Spring 4B
09-19	VOA	CAWR-08-15506	9/29/2008	Spring 4B
09-19	VOA	CAWR-08-15521	9/30/2008	Spring 5
09-19	VOA	CAWR-08-15523	9/30/2008	Spring 5

Request	Suite	Sample	Date	Location
09-19	VOA	CAWR-08-15526	9/30/2008	Spring 5A
09-19	VOA	CAWR-08-15528	9/30/2008	Spring 5A
09-20	GENINORG	CAWR-08-15447	10/1/2008	Rio Grande at Frijoles
09-20	GENINORG	CAWR-08-15448	10/1/2008	Rio Grande at Frijoles
09-20	GENINORG	CAWR-08-15449	10/1/2008	Rio Grande at Frijoles
09-20	GENINORG	CAWR-08-15450	10/1/2008	Rio Grande at Frijoles
09-20	GENINORG	CAWR-08-15451	10/1/2008	Rio Grande at Frijoles
09-20	GENINORG	CAWR-08-15452	10/1/2008	Rio Grande at Frijoles
09-20	GENINORG	CAWR-08-15454	9/30/2008	Ancho at Rio Grande
09-20	GENINORG	CAWR-08-15455	9/30/2008	Ancho at Rio Grande
09-20	GENINORG	CAWR-08-15481	9/29/2008	Spring 3
09-20	GENINORG	CAWR-08-15484	9/29/2008	Spring 3
09-20	GENINORG	CAWR-08-15486	9/29/2008	Spring 3AA
09-20	GENINORG	CAWR-08-15488	9/29/2008	Spring 3AA
09-20	GENINORG	CAWR-08-15491	9/29/2008	Spring 3A
09-20	GENINORG	CAWR-08-15492	9/29/2008	Spring 3A
09-20	GENINORG	CAWR-08-15493	9/29/2008	Spring 3A
09-20	GENINORG	CAWR-08-15494	9/29/2008	Spring 3A
09-20	GENINORG	CAWR-08-15497	9/29/2008	Spring 3A
09-20	GENINORG	CAWR-08-15502	9/29/2008	Spring 4
09-20	GENINORG	CAWR-08-15503	9/29/2008	Spring 4
09-20	GENINORG	CAWR-08-15504	9/29/2008	Spring 4B
09-20	GENINORG	CAWR-08-15507	9/29/2008	Spring 4B
09-20	GENINORG	CAWR-08-15520	9/30/2008	Spring 5
09-20	GENINORG	CAWR-08-15521	9/30/2008	Spring 5
09-20	GENINORG	CAWR-08-15527	9/30/2008	Spring 5A
09-20	GENINORG	CAWR-08-15528	9/30/2008	Spring 5A
09-20	GENINORG	CAWR-08-15531	9/30/2008	Spring 6
09-20	GENINORG	CAWR-08-15532	9/30/2008	Spring 6
09-20	GENINORG	CAWR-08-15533	9/30/2008	Spring 6
09-20	GENINORG	CAWR-08-15534	9/30/2008	Spring 6
09-20	GENINORG	CAWR-08-15535	9/30/2008	Spring 6
09-20	GENINORG	CAWR-08-15536	9/30/2008	Spring 6
09-20	GENINORG	CAWR-08-15537	9/30/2008	Spring 9
09-20	GENINORG	CAWR-08-15538	9/30/2008	Spring 9
09-20	GENINORG	CAWR-08-15539	10/1/2008	Spring 9A
09-20	GENINORG	CAWR-08-15540	10/1/2008	Spring 9A
09-20	GENINORG	CAWR-08-15541	9/30/2008	Spring 6A
09-20	GENINORG	CAWR-08-15542	9/30/2008	Spring 6A
09-20	GENINORG	CAWR-08-15551	10/1/2008	Spring 9B
09-20	GENINORG	CAWR-08-15552	10/1/2008	Spring 9B

Request	Suite	Sample	Date	Location
09-20	METALS	CAWR-08-15447	10/1/2008	Rio Grande at Frijoles
09-20	METALS	CAWR-08-15448	10/1/2008	Rio Grande at Frijoles
09-20	METALS	CAWR-08-15449	10/1/2008	Rio Grande at Frijoles
09-20	METALS	CAWR-08-15450	10/1/2008	Rio Grande at Frijoles
09-20	METALS	CAWR-08-15451	10/1/2008	Rio Grande at Frijoles
09-20	METALS	CAWR-08-15452	10/1/2008	Rio Grande at Frijoles
09-20	METALS	CAWR-08-15454	9/30/2008	Ancho at Rio Grande
09-20	METALS	CAWR-08-15455	9/30/2008	Ancho at Rio Grande
09-20	METALS	CAWR-08-15481	9/29/2008	Spring 3
09-20	METALS	CAWR-08-15484	9/29/2008	Spring 3
09-20	METALS	CAWR-08-15486	9/29/2008	Spring 3AA
09-20	METALS	CAWR-08-15488	9/29/2008	Spring 3AA
09-20	METALS	CAWR-08-15491	9/29/2008	Spring 3A
09-20	METALS	CAWR-08-15492	9/29/2008	Spring 3A
09-20	METALS	CAWR-08-15493	9/29/2008	Spring 3A
09-20	METALS	CAWR-08-15494	9/29/2008	Spring 3A
09-20	METALS	CAWR-08-15497	9/29/2008	Spring 3A
09-20	METALS	CAWR-08-15502	9/29/2008	Spring 4
09-20	METALS	CAWR-08-15503	9/29/2008	Spring 4
09-20	METALS	CAWR-08-15504	9/29/2008	Spring 4B
09-20	METALS	CAWR-08-15507	9/29/2008	Spring 4B
09-20	METALS	CAWR-08-15520	9/30/2008	Spring 5
09-20	METALS	CAWR-08-15521	9/30/2008	Spring 5
09-20	METALS	CAWR-08-15527	9/30/2008	Spring 5A
09-20	METALS	CAWR-08-15528	9/30/2008	Spring 5A
09-20	METALS	CAWR-08-15531	9/30/2008	Spring 6
09-20	METALS	CAWR-08-15532	9/30/2008	Spring 6
09-20	METALS	CAWR-08-15533	9/30/2008	Spring 6
09-20	METALS	CAWR-08-15534	9/30/2008	Spring 6
09-20	METALS	CAWR-08-15535	9/30/2008	Spring 6
09-20	METALS	CAWR-08-15536	9/30/2008	Spring 6
09-20	METALS	CAWR-08-15537	9/30/2008	Spring 9
09-20	METALS	CAWR-08-15538	9/30/2008	Spring 9
09-20	METALS	CAWR-08-15539	10/1/2008	Spring 9A
09-20	METALS	CAWR-08-15540	10/1/2008	Spring 9A
09-20	METALS	CAWR-08-15541	9/30/2008	Spring 6A
09-20	METALS	CAWR-08-15542	9/30/2008	Spring 6A
09-20	METALS	CAWR-08-15551	10/1/2008	Spring 9B
09-20	METALS	CAWR-08-15552	10/1/2008	Spring 9B
09-21	RAD	CAWR-08-15447	10/1/2008	Rio Grande at Frijoles
09-21	RAD	CAWR-08-15448	10/1/2008	Rio Grande at Frijoles

Request	Suite	Sample	Date	Location
09-21	RAD	CAWR-08-15449	10/1/2008	Rio Grande at Frijoles
09-21	RAD	CAWR-08-15450	10/1/2008	Rio Grande at Frijoles
09-21	RAD	CAWR-08-15454	9/30/2008	Ancho at Rio Grande
09-21	RAD	CAWR-08-15455	9/30/2008	Ancho at Rio Grande
09-21	RAD	CAWR-08-15481	9/29/2008	Spring 3
09-21	RAD	CAWR-08-15484	9/29/2008	Spring 3
09-21	RAD	CAWR-08-15486	9/29/2008	Spring 3AA
09-21	RAD	CAWR-08-15488	9/29/2008	Spring 3AA
09-21	RAD	CAWR-08-15491	9/29/2008	Spring 3A
09-21	RAD	CAWR-08-15492	9/29/2008	Spring 3A
09-21	RAD	CAWR-08-15493	9/29/2008	Spring 3A
09-21	RAD	CAWR-08-15494	9/29/2008	Spring 3A
09-21	RAD	CAWR-08-15502	9/29/2008	Spring 4
09-21	RAD	CAWR-08-15503	9/29/2008	Spring 4
09-21	RAD	CAWR-08-15504	9/29/2008	Spring 4B
09-21	RAD	CAWR-08-15507	9/29/2008	Spring 4B
09-21	RAD	CAWR-08-15520	9/30/2008	Spring 5
09-21	RAD	CAWR-08-15521	9/30/2008	Spring 5
09-21	RAD	CAWR-08-15527	9/30/2008	Spring 5A
09-21	RAD	CAWR-08-15528	9/30/2008	Spring 5A
09-21	RAD	CAWR-08-15531	9/30/2008	Spring 6
09-21	RAD	CAWR-08-15532	9/30/2008	Spring 6
09-21	RAD	CAWR-08-15533	9/30/2008	Spring 6
09-21	RAD	CAWR-08-15534	9/30/2008	Spring 6
09-21	RAD	CAWR-08-15537	9/30/2008	Spring 9
09-21	RAD	CAWR-08-15538	9/30/2008	Spring 9
09-21	RAD	CAWR-08-15539	10/1/2008	Spring 9A
09-21	RAD	CAWR-08-15540	10/1/2008	Spring 9A
09-21	RAD	CAWR-08-15541	9/30/2008	Spring 6A
09-21	RAD	CAWR-08-15542	9/30/2008	Spring 6A
09-21	RAD	CAWR-08-15551	10/1/2008	Spring 9B
09-21	RAD	CAWR-08-15552	10/1/2008	Spring 9B
09-24	HEXP	CAWR-08-15525	9/30/2008	Ancho Spring
09-24	HEXP	CAWR-08-15550	9/30/2008	Spring 8A
09-25	GENINORG	CAWR-08-15508	9/29/2008	Spring 4C
09-25	GENINORG	CAWR-08-15512	9/29/2008	Spring 4A
09-25	GENINORG	CAWR-08-15516	9/29/2008	Spring 4AA
09-25	GENINORG	CAWR-08-15525	9/30/2008	Ancho Spring
09-25	GENINORG	CAWR-08-15550	9/30/2008	Spring 8A
09-25	HEXP	CAWR-08-15525	9/30/2008	Ancho Spring
09-25	HEXP	CAWR-08-15550	9/30/2008	Spring 8A

Request	Suite	Sample	Date	Location
09-26	GENINORG	CAWR-08-15508	9/29/2008	Spring 4C
09-26	GENINORG	CAWR-08-15510	9/29/2008	Spring 4C
09-26	GENINORG	CAWR-08-15512	9/29/2008	Spring 4A
09-26	GENINORG	CAWR-08-15515	9/29/2008	Spring 4A
09-26	GENINORG	CAWR-08-15516	9/29/2008	Spring 4AA
09-26	GENINORG	CAWR-08-15518	9/29/2008	Spring 4AA
09-26	GENINORG	CAWR-08-15524	9/30/2008	Ancho Spring
09-26	GENINORG	CAWR-08-15525	9/30/2008	Ancho Spring
09-26	GENINORG	CAWR-08-15549	9/30/2008	Spring 8A
09-26	GENINORG	CAWR-08-15550	9/30/2008	Spring 8A
09-26	METALS	CAWR-08-15508	9/29/2008	Spring 4C
09-26	METALS	CAWR-08-15510	9/29/2008	Spring 4C
09-26	METALS	CAWR-08-15512	9/29/2008	Spring 4A
09-26	METALS	CAWR-08-15515	9/29/2008	Spring 4A
09-26	METALS	CAWR-08-15516	9/29/2008	Spring 4AA
09-26	METALS	CAWR-08-15518	9/29/2008	Spring 4AA
09-26	METALS	CAWR-08-15524	9/30/2008	Ancho Spring
09-26	METALS	CAWR-08-15525	9/30/2008	Ancho Spring
09-26	METALS	CAWR-08-15549	9/30/2008	Spring 8A
09-26	METALS	CAWR-08-15550	9/30/2008	Spring 8A
09-27	RAD	CAWR-08-15508	9/29/2008	Spring 4C
09-27	RAD	CAWR-08-15510	9/29/2008	Spring 4C
09-27	RAD	CAWR-08-15512	9/29/2008	Spring 4A
09-27	RAD	CAWR-08-15515	9/29/2008	Spring 4A
09-27	RAD	CAWR-08-15516	9/29/2008	Spring 4AA
09-27	RAD	CAWR-08-15518	9/29/2008	Spring 4AA
09-27	RAD	CAWR-08-15524	9/30/2008	Ancho Spring
09-27	RAD	CAWR-08-15525	9/30/2008	Ancho Spring
09-27	RAD	CAWR-08-15549	9/30/2008	Spring 8A
09-27	RAD	CAWR-08-15550	9/30/2008	Spring 8A
09-29	RAD	CAWR-08-15447	10/1/2008	Rio Grande at Frijoles
09-29	RAD	CAWR-08-15449	10/1/2008	Rio Grande at Frijoles
09-29	RAD	CAWR-08-15484	9/29/2008	Spring 3
09-29	RAD	CAWR-08-15486	9/29/2008	Spring 3AA
09-29	RAD	CAWR-08-15491	9/29/2008	Spring 3A
09-29	RAD	CAWR-08-15493	9/29/2008	Spring 3A
09-29	RAD	CAWR-08-15502	9/29/2008	Spring 4
09-29	RAD	CAWR-08-15504	9/29/2008	Spring 4B
09-29	RAD	CAWR-08-15521	9/30/2008	Spring 5
09-29	RAD	CAWR-08-15528	9/30/2008	Spring 5A
09-29	RAD	CAWR-08-15532	9/30/2008	Spring 6

Request	Suite	Sample	Date	Location
09-29	RAD	CAWR-08-15534	9/30/2008	Spring 6
09-29	RAD	CAWR-08-15537	9/30/2008	Spring 9
09-29	RAD	CAWR-08-15539	10/1/2008	Spring 9A
09-29	RAD	CAWR-08-15542	9/30/2008	Spring 6A
09-29	RAD	CAWR-08-15552	10/1/2008	Spring 9B
09-31	RAD	CAWR-08-15508	9/29/2008	Spring 4C
09-31	RAD	CAWR-08-15512	9/29/2008	Spring 4A
09-31	RAD	CAWR-08-15516	9/29/2008	Spring 4AA
09-31	RAD	CAWR-08-15525	9/30/2008	Ancho Spring
09-31	RAD	CAWR-08-15550	9/30/2008	Spring 8A
09-9	RAD	CAWR-08-15472	9/29/2008	Spring 1
09-9	RAD	CAWR-08-15475	9/29/2008	Spring 2

GENINORG = General inorganics.
HEXP = High explosives.
RAD = Radionuclides.
SVOA = Semivolatile organic analysis.
VOA = Volatile organic analysis.