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Periodic Monitoring Report for White Rock Watershed, September 22–October 1, 2009

Los Alamos
NATIONAL LABORATORY
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Prepared by the Environmental Programs Directorate

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EXECUTIVE SUMMARY

The purpose of this report is to provide the results of the periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the 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 22 to October 1, 2009. Four surface-water locations were sampled for this PME. Twenty two springs were sampled as part of this PME. No results in surface water samples from the current or previously unreported PME were above standards or screening levels.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 in this PME.

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

Concentrations of dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene in a field blank, but not in the primary sample, collected at Sacred Spring were above the respective U.S. Environmental Protection Agency (EPA) tap water screening levels of 0.029 µg/L and 0.29 µg/L. The dibenz(a,h)anthracene level in a sample from La Mesita Spring was also above the EPA tap water screening levels of 0.029 µg/L. There were no previously unreported groundwater results above screening levels to include in this report.

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Acronyms and Abbreviations

AQA	Analytical Quality Associates, Inc.
BCG	biota concentration guideline (DOE)
Consent Order	Compliance Order on Consent
DCGs	Derived Concentration Guidelines (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory (the Laboratory)
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDL	method detection limit
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PQL	practical quantitation limit
QC	quality control
RAD	radionuclide
RPF	Records Processing Facility
SOP	standard operating procedure
SVOA	semivolatile organic analysis

TA	technical area
TPU	total propagated uncertainty
VOA	volatile organic analysis

1.0 INTRODUCTION

This report provides documentation of semiannual groundwater monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the White Rock Watershed pursuant to the 2009 Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) (LANL 2009, 106115), prepared under the Compliance Order on Consent (the Consent Order). This periodic monitoring event (PME) occurred from September 22 to October 1, 2009, and included sampling at nineteen springs.

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

This report presents the following information:

- general background information on the watershed
- field-measurement monitoring results
- water-quality monitoring results
- results of the screening analysis (comparing the PME results with screening levels and results from previous reports)
- a summary based on the data and the screening analysis

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

1.1 Background

The Rio Grande flows from northeast to southwest in the vicinity of 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 lands. 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 next to the Laboratory. Most of the major springs have been sampled regularly since the late 1960s, with some sampled since the early 1950s.

Tritium operations took place within the White Rock Watershed at Technical Area 33 (TA-33). 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.

2.0 SCOPE OF ACTIVITIES

The PME for the White Rock Watershed was conducted pursuant to the 2009 IFGMP.

Table 2.0-1 provides the location name, sample collection date, and instantaneous stream-flow values for each station. Figure 2.0-1 shows watershed monitoring locations, and baseflow locations are shown on Plate 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 2009 IFGMP.

3.2 Field Parameter Results

Appendix A 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. Therefore Appendix B is not included in this PMR.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the field-work deviations from the planned scope of the PMEs. Table 3.4-2 presents analytes with practical quantitation limits and method detection limits above screening levels.

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 2009 IFGMP.

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

Table C-1 in Appendix C presents previously unreported analytical data. Table C-2 presents the analytical data from this PME and from the last three sampling events immediately before the September to October 2009 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, data validation, etc.) are presented in Appendix F.

Appendix C contains all data collected 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, cobalt-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 and their sources are listed in Table 4.2-1.

Data for periodic monitoring reports are evaluated using the following screening process.

- Surface-water 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 regional screening levels for tap water 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 tables). Therefore, the values were multiplied by 10 to obtain the 10^{-5} excess cancer risk level.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guide (BCG) for surface water and Derived Concentration Guidelines (DCGs) for groundwater.

Tables D-1 through D-9 (Appendix D) show all analytical results for perchlorate, all detections for radioactivity and organic compounds, and all values greater than half the lowest applicable screening level values for metals and general inorganic compounds.

Tables D-1 through D-4 (Appendix D) compare the current surface-water analytical data with screening levels.

Tables D-5 through D-9 (Appendix D) compare the current groundwater (from spring locations) analytical data with screening levels. Graphical representations of select groundwater analytical results are not shown in this report due to absence of relevant data.

Analytical results are presented graphically in Appendix E in diagrams displaying a series of selected analytes. The analytes were selected from data collected during the PMEs because they were above screening levels at least once during the three most recent sampling events. Once an analyte meets this criterion, the concentrations of the analyte are plotted for a 3-yr period. If 3 yr of data are not available, then all available results for the analyte are plotted. When shown, the solid red lines depict applicable screening levels. Some screening levels may exceed the highest concentration displayed but may not appear on the diagram.

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

Figures 4.2-1 shows analyte concentrations that exceed a screening level at more than one sampling location from the current PME. Dibenz(a,h)anthracene concentrations in a sample from La Mesita Spring and in a field blank collected at Sacred Spring were above the respective EPA tap water screening level of 0.029 µg/L.

4.2.1 Surface Water (Base Flow)

No unreported surface water results from the previous PME were above screening levels.

None of the results measured in surface water samples during this PME were above screening levels.

4.2.2 Groundwater

There were no previously unreported groundwater results to include in this PMR.

Concentrations of dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene in a field blank collected at Sacred Spring were above the respective EPA tap water screening levels of 0.029 µg/L and 0.29 µg/L, but these constituents were not detected in the primary sample. The dibenz(a,h)anthracene concentration in a sample from La Mesita Spring was also above the screening level. These were the only detections of these compounds associated with either location. At La Mesita Spring, dibenz(a,h)anthracene was not detected in eight previous sampling events since 1996.

4.3 Sampling Program Modifications

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

5.0 SUMMARY

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A. Results of all parameters collected throughout the monitoring year will be provided in the annual update to the IFGMP.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

Two surface water locations were sampled during this PME and no results in surface water samples from the current or previous PME were above standards or screening levels.

The types of analytes detected were consistent with data reported from previous monitoring events in this watershed.

5.2.2 Groundwater

For the current PME, one result in a groundwater sample and two in a field blank were measured above standards or screening levels (Table 4.2-2).

There were no previously unreported groundwater results to include in this PMR.

Except for detection of dibenz(a,h)anthracene in the La Mesita Spring sample, the types of contaminants detected and their concentrations were consistent with data reported from previous monitoring events in this watershed.

5.3 Data Gaps

Table 3.4-1 summarizes the field parameter deviations encountered during this PME. The table provides a detailed account of sampling-event deviations. Table 3.4-2 presents analytes with practical quantitation limits and method detection limits above screening levels.

6.0 REFERENCES

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID. 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 2009. "2009 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-09-1340, Los Alamos, New Mexico. (LANL 2009, 106115)

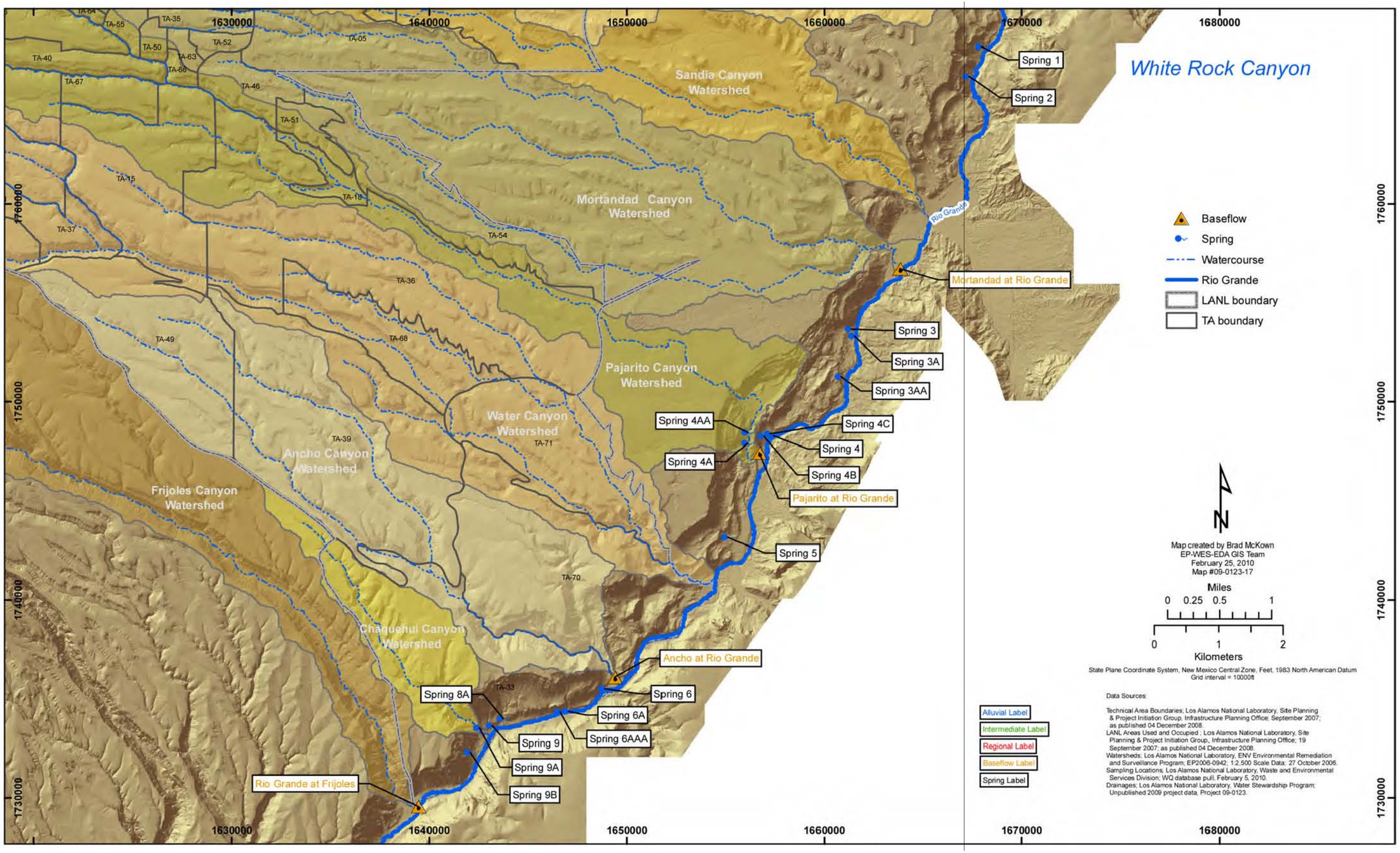
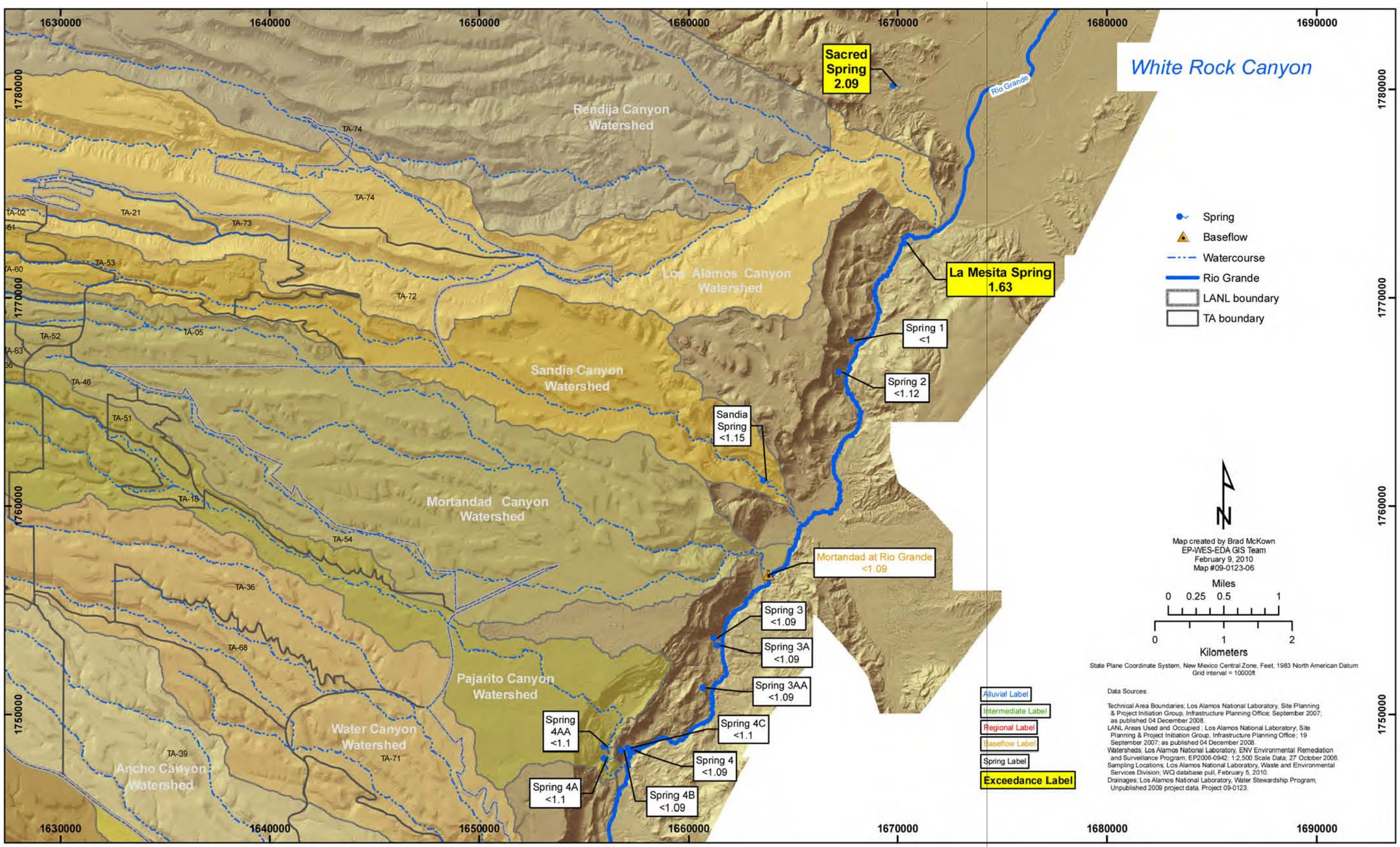


Figure 2.0-1 Watershed sampling locations



Notes: EPA regional tap screening level unfiltered dibenz(a,h)anthracene = 0.029 µg/L. The exceedances at Sacred Spring is in a field blank.

Figure 4.2-1 Watershed unfiltered dibenz(a,h)anthracene concentrations in µg/L

Table 2.0-1
Monitoring Locations and General Information

Location	Sample Date	Instantaneous Stream Flow (ft^3/s)
Base Flow		
Ancho at Rio Grande	9/30/2009	2.74
Rio Grande at Frijoles	9/30/2009	650
Frijoles at Rio Grande	9/30/2009	Dry*
Mortandad at Rio Grande	9/30/2009	No flow- sampled from spring
Pajarito at Rio Grande	9/30/2009	86.01
Groundwater		
La Mesita Spring	9/22/2009	0.017
Ancho Spring	9/29/2009	1.71
Sacred Spring	9/22/2009	0.0325
Sandia Spring	9/23/2009	0.0214
Spring 1	9/28/2009	0.0462
Spring 2	9/28/2009	0.0180
Spring 2B	10/01/2009	Dry
Spring 3	9/28/2009	0.325
Spring 3A	9/28/2009	1.368
Spring 3AA	9/28/2009	0.214
Spring 4	9/28/2009	0.590
Spring 4A	9/28/2009	0.257
Spring 4AA	9/28/2009	1.368
Spring 4B	9/28/2009	0.0428
Spring 4C	9/28/2009	0.428
Spring 5	9/29/2009	0.231
Spring 5A	10/01/2009	Source under water
Spring 5B	9/29/2009	Flow not determined; Spring at river's edge
Spring 6	9/29/2009	0.419
Spring 6A	9/29/2009	0.222
Spring 6AAA	9/29/2009	Spring at river level, flow not determined
Spring 7	9/30/2009	Dry
Spring 8	9/30/2009	Dry
Spring 8A	9/29/2009	0.086
Spring 9	9/29/2009	0.0513
Spring 9A	9/30/2009	Not recorded
Spring 9B	9/30/2009	0.0257
Spring 10	10/01/2009	Dry; insufficient water available for sampling.

*See Table 3.4-1 for explanation.

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.	This location was not sampled on 9/30/2009 because it was dry.	Location will be checked again during next scheduled sampling round.
Spring 2B	No data are included in this report for this location.	This location was not sampled on 10/01/2009 because it was dry.	Location will be checked again during next scheduled sampling round.
Spring 5A	No data are included in this report for this location.	This location was not sampled on 10/01/2009 because the location was under water.	Location will be checked again during next scheduled sampling round.
Spring 5B	No data are included in this report for this location.	This location was not sampled on 9/29/2009 because the Spring was mixing with the river.	Location will be checked again during next scheduled sampling round.
Spring 7	No data are included in this report for this location.	This location was not sampled on 9/30/2009 because it was dry.	Location will be checked again during next scheduled sampling round.
Spring 8	No data are included in this report for this location.	This location was not sampled on 9/30/2009 because it was dry.	Location will be checked again during next scheduled sampling round.
Spring 10	No data are included in this report for this location.	This location was not sampled on 9/30/2009 because there was insufficient water available for sampling.	Location will be checked again during next scheduled sampling round.

Table 3.4-2
Analytes with PQLs and MDLs above Screening Level Value

Analytical Suite Code	Analyte	PQL[a]	MDL[b]	Unit	Screening-Level Value	Screening Level
SVOA[c]	Azobenzene	12.5	2.5	µg/L	1.2	EPA Tap
SVOA	Benzidine	11.1	2.2	µg/L	0.00094	EPA Tap
SVOA	Benzo(a)pyrene	1.25	0.25	µg/L	0.2	EPA MCL
SVOA	Bis(2-chloroethyl)ether	12.5	2.5	µg/L	0.12	EPA Tap
SVOA	Dibenz(a,h)anthracene	1.11	0.22	µg/L	0.029	EPA Tap
SVOA	Dinitro-2-methylphenol[4,6-]	12.5	3.8	µg/L	3.7	EPA Tap
SVOA	Dinitrotoluene[2,4-]	12.5	2.5	µg/L	2.2	EPA Tap
SVOA	Hexachlorobenzene	12.5	2.5	µg/L	1	EPA MCL
SVOA	Nitrobenzene	12.5	3.8	µg/L	1.2	EPA Tap
SVOA	Nitrosodiethylamine[N-]	12.5	2.5	µg/L	0.0014	EPA Tap
SVOA	Nitrosodimethylamine[N-]	12.5	2.5	µg/L	0.0042	EPA Tap
SVOA	Nitroso-di-n-butylamine[N-]	12.5	2.5	µg/L	0.024	EPA Tap
SVOA	Nitroso-di-n-propylamine[N-]	12.5	2.5	µg/L	0.096	EPA Tap
SVOA	Nitrosopyrrolidine[N-]	12.5	2.5	µg/L	0.32	EPA Tap
SVOA	Pentachlorophenol	12.5	2.5	µg/L	1	EPA MCL
VOA[d]	Acrolein	5	1.3	µg/L	0.042	EPA Tap
VOA	Acrylonitrile	5	1	µg/L	0.45	EPA Tap
VOA	Dibromo-3-chloropropane[1,2-]	1	0.5	µg/L	0.2	EPA MCL
VOA	Dibromoethane[1,2-]	1	0.25	µg/L	0.05	EPA MCL
VOA	Methacrylonitrile	5	1	µg/L	1	EPA Tap
VOA	Trichloropropane[1,2,3-]	1	0.3	µg/L	0.096	EPA Tap
RAD	Neptunium-237	n/a[e]	40	pCi/L	30	DOE DCG

Note: This table is applicable to all samples reported in all periodic monitoring reports.

[a] PQL = Practical quantitation limit.

[b] MDL = Method detection limit.

[c] SVOA = Semivolatile organic analysis.

[d] VOA = Volatile organic analysis.

[e] n/a = Not applicable.

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

Standard Type	Groundwater	Surface Water
DOE BCG	n/a[a]	X[b]
DOE 100 mrem Public Dose DCGs	X	n/a
DOE 4 mrem Drinking Water DCGs	X	n/a
EPA MCL	X	n/a
EPA Regional 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

Location	Date	Analyte	Field Prep Code	Result	Unit	Screening-Level Value	Screening-Level Source
Surface Water							
No results							
Groundwater							
Sacred Spring	09/22/09	Dibenz(a,h)anthracene	UF[a,b]	2.09	µg/L	0.029	EPA tap screening level
Sacred Spring	09/22/09	Indeno(1,2,3-cd) pyrene	UF	0.605	µg/L	0.29	EPA tap screening level
La Mesita Spring	09/22/09	Dibenz(a,h)anthracene	UF	1.63	µg/L	0.029	EPA tap screening level

[a] UF = Unfiltered.

[b] Field blank.

Appendix A

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	09/29/09	WG	Dissolved Oxygen	5.47	mg/L	CAWR-09-12539
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	09/25/07	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	09/29/09	WG	Specific Conductance	129	µS/cm	CAWR-09-12539
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	09/25/07	WG	Specific Conductance	124.4	µS/cm	FU070900GSAW01
Ancho Spring	09/30/08	WG	Temperature	20.9	deg C	CAWR-08-15524
Ancho Spring	09/29/09	WG	Temperature	20.9	deg C	CAWR-09-12539
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	09/25/07	WG	Temperature	22.1	deg C	FU070900GSAW01
Ancho Spring	09/30/08	WG	Turbidity	3.1	NTU	CAWR-08-15524
Ancho Spring	09/29/09	WG	Turbidity	1.43	NTU	CAWR-09-12539
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	09/25/07	WG	Turbidity	0.53	NTU	FU070900GSAW01
Ancho Spring	09/30/08	WG	pH	7.38	SU	CAWR-08-15524
Ancho Spring	09/29/09	WG	pH	7.13	SU	CAWR-09-12539
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	09/25/07	WG	pH	7.24	SU	FU070900GSAW01
Ancho at Rio Grande	09/30/09	WS	Dissolved Oxygen	5.71	mg/L	CAWR-09-12577
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

Location	Date	Field Matrix	Analyte	Result	Units	Sample
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	09/30/09	WS	Specific Conductance	153	µS/cm	CAWR-09-12577
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	09/25/07	WS	Specific Conductance	125.3	µS/cm	FU070900PGRA01
Ancho at Rio Grande	09/30/09	WS	Temperature	23.02	deg C	CAWR-09-12577
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	09/25/07	WS	Temperature	22.9	deg C	FU070900PGRA01
Ancho at Rio Grande	09/30/09	WS	Turbidity	1.68	NTU	CAWR-09-12577
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	09/25/07	WS	Turbidity	0.77	NTU	FU070900PGRA01
Ancho at Rio Grande	09/30/09	WS	pH	8.62	SU	CAWR-09-12577
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	09/25/07	WS	pH	10.11	SU	FU070900PGRA01
La Mesita Spring	09/22/09	WG	Dissolved Oxygen	9.05	mg/L	CAWR-09-12480
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	09/22/09	WG	Specific Conductance	238	µS/cm	CAWR-09-12480

Location	Date	Field Matrix	Analyte	Result	Units	Sample
La Mesita Spring	09/26/08	WG	Specific Conductance	299	µS/cm	CAWR-08-15463
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	09/18/07	WG	Specific Conductance	301	µS/cm	FU070900GSML01
La Mesita Spring	09/22/09	WG	Temperature	13.42	deg C	CAWR-09-12480
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	09/18/07	WG	Temperature	15.5	deg C	FU070900GSML01
La Mesita Spring	09/22/09	WG	Turbidity	11.2	NTU	CAWR-09-12480
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	09/18/07	WG	Turbidity	2.75	NTU	FU070900GSML01
La Mesita Spring	09/22/09	WG	pH	7.92	SU	CAWR-09-12480
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	09/18/07	WG	pH	7.83	SU	FU070900GSML01
Mortandad at Rio Grande	09/30/09	WS	Dissolved Oxygen	5.78	mg/L	CAWR-09-12592
Mortandad at Rio Grande	09/30/09	WS	Specific Conductance	429	µS/cm	CAWR-09-12592
Mortandad at Rio Grande	09/30/09	WS	Temperature	10.17	deg C	CAWR-09-12592
Mortandad at Rio Grande	09/30/09	WS	Turbidity	6.6	NTU	CAWR-09-12592
Mortandad at Rio Grande	09/30/09	WS	pH	7.21	SU	CAWR-09-12592
Pajarito at Rio Grande	09/30/09	WS	Dissolved Oxygen	8.35	mg/L	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	Dissolved Oxygen	8.25	mg/L	FU05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	Specific Conductance	206	µS/cm	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	Specific Conductance	198.8	µS/cm	FU05090PGRP01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Pajarito at Rio Grande	09/13/04	WS	Specific Conductance	198.1	µS/cm	FU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	Specific Conductance	204	µS/cm	FU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	Specific Conductance	202	µS/cm	FU02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	Temperature	21.12	deg C	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	Temperature	21.6	deg C	FU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	Temperature	21.7	deg C	FU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	Temperature	19.8	deg C	FU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	Temperature	18.8	deg C	FU02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	Turbidity	1.7	NTU	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	Turbidity	0.83	NTU	FU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	Turbidity	0.5	NTU	FU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	Turbidity	0.64	NTU	FU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	Turbidity	0.43	NTU	FU02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	pH	8.02	SU	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	pH	8.3	SU	FU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	pH	7.86	SU	FU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	pH	8.3	SU	FU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	pH	8.51	SU	FU02100WGRP01
Rio Grande at Frijoles	09/30/09	WS	Dissolved Oxygen	8.7	mg/L	CAWR-09-12584
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	09/30/09	WS	Specific Conductance	294	µS/cm	CAWR-09-12584
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
Rio Grande at Frijoles	09/30/09	WS	Temperature	15.49	deg C	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	Temperature	16.8	deg C	CAWR-08-15447

Location	Date	Field Matrix	Analyte	Result	Units	Sample
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	09/30/09	WS	Turbidity	122	NTU	CAWR-09-12584
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	09/30/09	WS	pH	8.18	SU	CAWR-09-12584
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	09/22/09	WG	Dissolved Oxygen	4.47	mg/L	CAWR-09-12471
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	09/22/09	WG	Specific Conductance	200	µS/cm	CAWR-09-12471
Sacred Spring	09/26/08	WG	Specific Conductance	246	µS/cm	CAWR-08-15456
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	09/22/09	WG	Temperature	15.24	deg C	CAWR-09-12471
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	09/22/09	WG	Turbidity	24.2	NTU	CAWR-09-12471
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	09/22/09	WG	pH	7.95	SU	CAWR-09-12471

Location	Date	Field Matrix	Analyte	Result	Units	Sample
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
Sandia Spring	09/23/09	WG	Dissolved Oxygen	7.03	mg/L	CAWR-09-12481
Sandia Spring	04/23/09	WG	Dissolved Oxygen	7.5	mg/L	CAWR-09-7931
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	09/18/07	WG	Dissolved Oxygen	4.62	mg/L	FU070900GSSW01
Sandia Spring	09/23/09	WG	Specific Conductance	182	µS/cm	CAWR-09-12481
Sandia Spring	04/23/09	WG	Specific Conductance	159	µS/cm	CAWR-09-7931
Sandia Spring	09/25/08	WG	Specific Conductance	194.5	µS/cm	CAWR-08-15466
Sandia Spring	09/14/06	WG	Specific Conductance	176.6	µS/cm	FU060900GSSW01
Sandia Spring	09/18/07	WG	Specific Conductance	202	µS/cm	FU070900GSSW01
Sandia Spring	09/23/09	WG	Temperature	15.79	deg C	CAWR-09-12481
Sandia Spring	04/23/09	WG	Temperature	12.8	deg C	CAWR-09-7931
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	09/18/07	WG	Temperature	17.2	deg C	FU070900GSSW01
Sandia Spring	09/23/09	WG	Turbidity	0.41	NTU	CAWR-09-12481
Sandia Spring	04/23/09	WG	Turbidity	1.87	NTU	CAWR-09-7931
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	09/18/07	WG	Turbidity	1.61	NTU	FU070900GSSW01
Sandia Spring	09/23/09	WG	pH	7.46	SU	CAWR-09-12481
Sandia Spring	04/23/09	WG	pH	6.77	SU	CAWR-09-7931
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	09/18/07	WG	pH	7.07	SU	FU070900GSSW01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 1	09/28/09	WG	Dissolved Oxygen	6.46	mg/L	CAWR-09-12484
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	09/28/09	WG	Specific Conductance	203	µS/cm	CAWR-09-12484
Spring 1	09/29/08	WG	Specific Conductance	214	µS/cm	CAWR-08-15472
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	09/24/07	WG	Specific Conductance	218	µS/cm	FU070900G1SW01
Spring 1	09/28/09	WG	Temperature	17.83	deg C	CAWR-09-12484
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	09/24/07	WG	Temperature	17.3	deg C	FU070900G1SW01
Spring 1	09/28/09	WG	Turbidity	3.4	NTU	CAWR-09-12484
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	09/24/07	WG	Turbidity	186	NTU	FU070900G1SW01
Spring 1	09/28/09	WG	pH	7.5	SU	CAWR-09-12484
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	09/24/07	WG	pH	7.99	SU	FU070900G1SW01
Spring 2	09/28/09	WG	Dissolved Oxygen	7.4	mg/L	CAWR-09-12490
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

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 2	05/07/07	WG	Dissolved Oxygen	7.9	mg/L	FU070400G2SW01
Spring 2	09/24/07	WG	Dissolved Oxygen	6.96	mg/L	FU070900G2SW01
Spring 2	09/28/09	WG	Specific Conductance	226	µS/cm	CAWR-09-12490
Spring 2	09/29/08	WG	Specific Conductance	264	µS/cm	CAWR-08-15475
Spring 2	04/29/08	WG	Specific Conductance	201	µS/cm	CAWR-08-12092
Spring 2	05/07/07	WG	Specific Conductance	243	µS/cm	FU070400G2SW01
Spring 2	09/24/07	WG	Specific Conductance	297	µS/cm	FU070900G2SW01
Spring 2	09/28/09	WG	Temperature	13.6	deg C	CAWR-09-12490
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	09/24/07	WG	Temperature	15.2	deg C	FU070900G2SW01
Spring 2	09/28/09	WG	Turbidity	13.1	NTU	CAWR-09-12490
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	09/24/07	WG	Turbidity	3.56	NTU	FU070900G2SW01
Spring 2	09/28/09	WG	pH	7.06	SU	CAWR-09-12490
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	09/24/07	WG	pH	8.07	SU	FU070900G2SW01
Spring 3	09/28/09	WG	Dissolved Oxygen	6.6	mg/L	CAWR-09-12496
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	09/24/07	WG	Dissolved Oxygen	6.2	mg/L	FU070900G3SW01
Spring 3	09/28/09	WG	Specific Conductance	206	µS/cm	CAWR-09-12496

Location	Date	Field Matrix	Analyte	Result	Units	Sample
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	09/24/07	WG	Specific Conductance	193.6	µS/cm	FU070900G3SW01
Spring 3	09/28/09	WG	Temperature	19.85	deg C	CAWR-09-12496
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	09/24/07	WG	Temperature	19.6	deg C	FU070900G3SW01
Spring 3	09/28/09	WG	Turbidity	1.31	NTU	CAWR-09-12496
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	09/24/07	WG	Turbidity	5.83	NTU	FU070900G3SW01
Spring 3	09/28/09	WG	pH	7.48	SU	CAWR-09-12496
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	09/24/07	WG	pH	6.85	SU	FU070900G3SW01
Spring 3A	09/28/09	WG	Dissolved Oxygen	7.12	mg/L	CAWR-09-12501
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	09/24/07	WG	Dissolved Oxygen	6.2	mg/L	FU070900GA3S01
Spring 3A	09/28/09	WG	Specific Conductance	194	µS/cm	CAWR-09-12501
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

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 3A	09/24/07	WG	Specific Conductance	182.3	µS/cm	FU070900GA3S01
Spring 3A	09/28/09	WG	Temperature	19.92	deg C	CAWR-09-12501
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	09/24/07	WG	Temperature	20.9	deg C	FU070900GA3S01
Spring 3A	09/28/09	WG	Turbidity	1.42	NTU	CAWR-09-12501
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	09/24/07	WG	Turbidity	1.58	NTU	FU070900GA3S01
Spring 3A	09/28/09	WG	pH	7.63	SU	CAWR-09-12501
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	09/24/07	WG	pH	7.43	SU	FU070900GA3S01
Spring 3AA	09/28/09	WG	Dissolved Oxygen	4.83	mg/L	CAWR-09-12509
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	09/28/09	WG	Specific Conductance	167	µS/cm	CAWR-09-12509
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	09/24/07	WG	Specific Conductance	166.2	µS/cm	FU070900GAA301
Spring 3AA	09/28/09	WG	Temperature	19.13	deg C	CAWR-09-12509
Spring 3AA	09/29/08	WG	Temperature	21.1	deg C	CAWR-08-15486

Location	Date	Field Matrix	Analyte	Result	Units	Sample
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	09/24/07	WG	Temperature	19.2	deg C	FU070900GAA301
Spring 3AA	09/28/09	WG	Turbidity	1.78	NTU	CAWR-09-12509
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	09/24/07	WG	Turbidity	6.22	NTU	FU070900GAA301
Spring 3AA	09/28/09	WG	pH	7.64	SU	CAWR-09-12509
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	09/24/07	WG	pH	6.94	SU	FU070900GAA301
Spring 4	09/28/09	WG	Dissolved Oxygen	7.63	mg/L	CAWR-09-12519
Spring 4	09/28/09	WG	Dissolved Oxygen	7.63	mg/L	CAWR-09-12520
Spring 4	04/21/09	WG	Dissolved Oxygen	12.65	mg/L	CAWR-09-7934
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	09/24/07	WG	Dissolved Oxygen	4.98	mg/L	FU070900G4SW01
Spring 4	09/28/09	WG	Specific Conductance	197	µS/cm	CAWR-09-12520
Spring 4	09/28/09	WG	Specific Conductance	197	µS/cm	CAWR-09-12519
Spring 4	04/21/09	WG	Specific Conductance	165	µS/cm	CAWR-09-7934
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	09/24/07	WG	Specific Conductance	208	µS/cm	FU070900G4SW01
Spring 4	09/28/09	WG	Temperature	16.67	deg C	CAWR-09-12519
Spring 4	09/28/09	WG	Temperature	16.67	deg C	CAWR-09-12520
Spring 4	04/21/09	WG	Temperature	15.77	deg C	CAWR-09-7934

Location	Date	Field Matrix	Analyte	Result	Units	Sample
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	09/24/07	WG	Temperature	17.2	deg C	FU070900G4SW01
Spring 4	09/28/09	WG	Turbidity	2.2	NTU	CAWR-09-12520
Spring 4	09/28/09	WG	Turbidity	2.2	NTU	CAWR-09-12519
Spring 4	04/21/09	WG	Turbidity	0.86	NTU	CAWR-09-7934
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	09/24/07	WG	Turbidity	3.94	NTU	FU070900G4SW01
Spring 4	09/28/09	WG	pH	6.9	SU	CAWR-09-12520
Spring 4	09/28/09	WG	pH	6.9	SU	CAWR-09-12519
Spring 4	04/21/09	WG	pH	7.17	SU	CAWR-09-7934
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	09/24/07	WG	pH	6.9	SU	FU070900G4SW01
Spring 4A	09/28/09	WG	Dissolved Oxygen	6.67	mg/L	CAWR-09-12524
Spring 4A	04/21/09	WG	Dissolved Oxygen	7.01	mg/L	CAWR-09-7944
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	09/24/07	WG	Dissolved Oxygen	7.4	mg/L	FU070900GA4S01
Spring 4A	09/28/09	WG	Oxidation Reduction Potential	89.3	mV	CAWR-09-12524
Spring 4A	09/28/09	WG	Specific Conductance	203	µS/cm	CAWR-09-12524
Spring 4A	04/21/09	WG	Specific Conductance	178	µS/cm	CAWR-09-7944
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	09/24/07	WG	Specific Conductance	181.4	µS/cm	FU070900GA4S01
Spring 4A	09/28/09	WG	Temperature	20.37	deg C	CAWR-09-12524
Spring 4A	04/21/09	WG	Temperature	20.31	deg C	CAWR-09-7944

Location	Date	Field Matrix	Analyte	Result	Units	Sample
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	09/24/07	WG	Temperature	21.2	deg C	FU070900GA4S01
Spring 4A	09/28/09	WG	Turbidity	0.76	NTU	CAWR-09-12524
Spring 4A	04/21/09	WG	Turbidity	0.41	NTU	CAWR-09-7944
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	09/24/07	WG	Turbidity	0.14	NTU	FU070900GA4S01
Spring 4A	09/28/09	WG	pH	7.36	SU	CAWR-09-12524
Spring 4A	04/21/09	WG	pH	7.53	SU	CAWR-09-7944
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	09/24/07	WG	pH	7.9	SU	FU070900GA4S01
Spring 4AA	09/28/09	WG	Dissolved Oxygen	5.94	mg/L	CAWR-09-12526
Spring 4AA	09/28/09	WG	Dissolved Oxygen	5.94	mg/L	CAWR-09-12529
Spring 4AA	04/21/09	WG	Dissolved Oxygen	7.23	mg/L	CAWR-09-7946
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	09/24/07	WG	Dissolved Oxygen	5.2	mg/L	FU070900GAA401
Spring 4AA	09/28/09	WG	Oxidation Reduction Potential	82.6	mV	CAWR-09-12529
Spring 4AA	09/28/09	WG	Oxidation Reduction Potential	82.6	mV	CAWR-09-12526
Spring 4AA	09/28/09	WG	Specific Conductance	207	µS/cm	CAWR-09-12526
Spring 4AA	09/28/09	WG	Specific Conductance	207	µS/cm	CAWR-09-12529
Spring 4AA	04/21/09	WG	Specific Conductance	178	µS/cm	CAWR-09-7946
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	09/24/07	WG	Specific Conductance	203	µS/cm	FU070900GAA401
Spring 4AA	09/28/09	WG	Temperature	18.78	deg C	CAWR-09-12529

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4AA	09/28/09	WG	Temperature	18.78	deg C	CAWR-09-12526
Spring 4AA	04/21/09	WG	Temperature	18.57	deg C	CAWR-09-7946
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	09/24/07	WG	Temperature	18.9	deg C	FU070900GAA401
Spring 4AA	09/28/09	WG	Turbidity	1.35	NTU	CAWR-09-12526
Spring 4AA	09/28/09	WG	Turbidity	1.35	NTU	CAWR-09-12529
Spring 4AA	04/21/09	WG	Turbidity	31.1	NTU	CAWR-09-7946
Spring 4AA	09/29/08	WG	Turbidity	3.13	NTU	CAWR-08-15516
Spring 4AA	04/24/08	WG	Turbidity	7.59	NTU	CAWR-08-12109
Spring 4AA	09/24/07	WG	Turbidity	1.19	NTU	FU070900GAA401
Spring 4AA	09/28/09	WG	pH	7.32	SU	CAWR-09-12529
Spring 4AA	09/28/09	WG	pH	7.32	SU	CAWR-09-12526
Spring 4AA	04/21/09	WG	pH	7.58	SU	CAWR-09-7946
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	09/24/07	WG	pH	6.63	SU	FU070900GAA401
Spring 4B	09/28/09	WG	Dissolved Oxygen	6.15	mg/L	CAWR-09-12530
Spring 4B	04/21/09	WG	Dissolved Oxygen	11.13	mg/L	CAWR-09-7939
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	09/25/07	WG	Dissolved Oxygen	6.7	mg/L	FU070900GB4S01
Spring 4B	09/28/09	WG	Specific Conductance	223	µS/cm	CAWR-09-12530
Spring 4B	04/21/09	WG	Specific Conductance	202	µS/cm	CAWR-09-7939
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	09/25/07	WG	Specific Conductance	226	µS/cm	FU070900GB4S01
Spring 4B	09/28/09	WG	Temperature	17.4	deg C	CAWR-09-12530

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4B	04/21/09	WG	Temperature	18.03	deg C	CAWR-09-7939
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	09/25/07	WG	Temperature	17.4	deg C	FU070900GB4S01
Spring 4B	09/28/09	WG	Turbidity	30.6	NTU	CAWR-09-12530
Spring 4B	04/21/09	WG	Turbidity	8.23	NTU	CAWR-09-7939
Spring 4B	04/24/08	WG	Turbidity	4.48	NTU	CAWR-08-12102
Spring 4B	05/01/07	WG	Turbidity	16.4	NTU	FU070400GB4S01
Spring 4B	09/25/07	WG	Turbidity	12.2	NTU	FU070900GB4S01
Spring 4B	09/28/09	WG	pH	7.54	SU	CAWR-09-12530
Spring 4B	04/21/09	WG	pH	7.38	SU	CAWR-09-7939
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	09/25/07	WG	pH	7.64	SU	FU070900GB4S01
Spring 4C	09/28/09	WG	Dissolved Oxygen	7.45	mg/L	CAWR-09-12537
Spring 4C	09/28/09	WG	Dissolved Oxygen	7.45	mg/L	CAWR-09-12535
Spring 4C	04/21/09	WG	Dissolved Oxygen	12.16	mg/L	CAWR-09-7940
Spring 4C	09/29/08	WG	Dissolved Oxygen	10	mg/L	CAWR-08-15511
Spring 4C	09/29/08	WG	Dissolved Oxygen	10	mg/L	CAWR-08-15508
Spring 4C	04/24/08	WG	Dissolved Oxygen	10.5	mg/L	CAWR-08-12106
Spring 4C	09/25/07	WG	Dissolved Oxygen	8.42	mg/L	FU070900GC4S01
Spring 4C	09/28/09	WG	Oxidation Reduction Potential	164.8	mV	CAWR-09-12535
Spring 4C	09/28/09	WG	Oxidation Reduction Potential	164.8	mV	CAWR-09-12537
Spring 4C	05/01/07	WG	Oxidation Reduction Potential	128	mV	FU070400GC4S01
Spring 4C	09/28/09	WG	Specific Conductance	198	µS/cm	CAWR-09-12535
Spring 4C	09/28/09	WG	Specific Conductance	198	µS/cm	CAWR-09-12537
Spring 4C	04/21/09	WG	Specific Conductance	172	µS/cm	CAWR-09-7940
Spring 4C	09/29/08	WG	Specific Conductance	104	µS/cm	CAWR-08-15508

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4C	09/29/08	WG	Specific Conductance	104	µS/cm	CAWR-08-15511
Spring 4C	04/24/08	WG	Specific Conductance	172.1	µS/cm	CAWR-08-12106
Spring 4C	09/25/07	WG	Specific Conductance	191.3	µS/cm	FU070900GC4S01
Spring 4C	09/28/09	WG	Temperature	17.14	deg C	CAWR-09-12537
Spring 4C	09/28/09	WG	Temperature	17.14	deg C	CAWR-09-12535
Spring 4C	04/21/09	WG	Temperature	16.86	deg C	CAWR-09-7940
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	09/25/07	WG	Temperature	18.1	deg C	FU070900GC4S01
Spring 4C	09/28/09	WG	Turbidity	1.02	NTU	CAWR-09-12535
Spring 4C	09/28/09	WG	Turbidity	1.02	NTU	CAWR-09-12537
Spring 4C	04/21/09	WG	Turbidity	0.81	NTU	CAWR-09-7940
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	09/25/07	WG	Turbidity	0.32	NTU	FU070900GC4S01
Spring 4C	09/28/09	WG	pH	7.52	SU	CAWR-09-12537
Spring 4C	09/28/09	WG	pH	7.52	SU	CAWR-09-12535
Spring 4C	04/21/09	WG	pH	7.38	SU	CAWR-09-7940
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	09/25/07	WG	pH	7.87	SU	FU070900GC4S01
Spring 5	09/29/09	WG	Dissolved Oxygen	6.08	mg/L	CAWR-09-12512
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

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 5	09/29/09	WG	Specific Conductance	252	µS/cm	CAWR-09-12512
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	09/29/09	WG	Temperature	20.97	deg C	CAWR-09-12512
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	09/29/09	WG	Turbidity	7.6	NTU	CAWR-09-12512
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	09/29/09	WG	pH	7.91	SU	CAWR-09-12512
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 5B	09/29/09	WG	Dissolved Oxygen	5.5	mg/L	CAWR-09-12542
Spring 5B	09/25/07	WG	Dissolved Oxygen	8.41	mg/L	FU070900GB5S01
Spring 5B	09/29/09	WG	Specific Conductance	171	µS/cm	CAWR-09-12542
Spring 5B	10/07/03	WG	Specific Conductance	154.4	µS/cm	FU03080GB5S01
Spring 5B	09/25/07	WG	Specific Conductance	161.2	µS/cm	FU070900GB5S01
Spring 5B	09/29/09	WG	Temperature	18.51	deg C	CAWR-09-12542
Spring 5B	10/07/03	WG	Temperature	16.5	deg C	FU03080GB5S01
Spring 5B	09/25/07	WG	Temperature	16.1	deg C	FU070900GB5S01
Spring 5B	09/29/09	WG	Turbidity	1.44	NTU	CAWR-09-12542
Spring 5B	10/07/03	WG	Turbidity	6.67	NTU	FU03080GB5S01
Spring 5B	09/25/07	WG	Turbidity	2.66	NTU	FU070900GB5S01
Spring 5B	09/29/09	WG	pH	8.08	SU	CAWR-09-12542

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 5B	10/07/03	WG	pH	8.22	SU	FU03080GB5S01
Spring 5B	07/26/00	WG	pH	8.26	SU	GM00091GB5S
Spring 5B	09/25/07	WG	pH	8.56	SU	FU070900GB5S01
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	09/25/07	WG	Specific Conductance	142.7	µS/cm	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	09/25/07	WG	pH	7.66	SU	FU070900G6SW01
Spring 6A	09/29/09	WG	Dissolved Oxygen	6.1	mg/L	CAWR-09-12551
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
Spring 6A	09/29/09	WG	Specific Conductance	360	µS/cm	CAWR-09-12551
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	09/25/07	WG	Specific Conductance	160.2	µS/cm	FU070900GA6S01
Spring 6A	09/29/09	WG	Temperature	21.2	deg C	CAWR-09-12551
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	09/25/07	WG	Temperature	22.4	deg C	FU070900GA6S01
Spring 6A	09/29/09	WG	Turbidity	1.23	NTU	CAWR-09-12551
Spring 6A	09/19/06	WG	Turbidity	3.01	NTU	FU060900GA6S01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 6A	09/27/05	WG	Turbidity	1.56	NTU	FU05090GA6S01
Spring 6A	09/14/04	WG	Turbidity	1.85	NTU	FU04090GA6S01
Spring 6A	09/25/07	WG	Turbidity	1.79	NTU	FU070900GA6S01
Spring 6A	09/29/09	WG	pH	8.86	SU	CAWR-09-12551
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	09/25/07	WG	pH	6.9	SU	FU070900GA6S01
Spring 6AAA	09/29/09	WG	Dissolved Oxygen	5.35	mg/L	CAWR-09-12553
Spring 6AAA	09/19/06	WG	Dissolved Oxygen	10.1	mg/L	FU06090G6AAA01
Spring 6AAA	09/25/07	WG	Dissolved Oxygen	5	mg/L	FU07090G6AAA01
Spring 6AAA	09/29/09	WG	Specific Conductance	120	µS/cm	CAWR-09-12553
Spring 6AAA	09/19/06	WG	Specific Conductance	93.3	µS/cm	FU06090G6AAA01
Spring 6AAA	09/25/07	WG	Specific Conductance	125.3	µS/cm	FU07090G6AAA01
Spring 6AAA	09/29/09	WG	Temperature	21.62	deg C	CAWR-09-12553
Spring 6AAA	09/19/06	WG	Temperature	21.6	deg C	FU06090G6AAA01
Spring 6AAA	09/25/07	WG	Temperature	21.6	deg C	FU07090G6AAA01
Spring 6AAA	09/29/09	WG	Turbidity	0.68	NTU	CAWR-09-12553
Spring 6AAA	09/19/06	WG	Turbidity	0.42	NTU	FU06090G6AAA01
Spring 6AAA	09/25/07	WG	Turbidity	0.45	NTU	FU07090G6AAA01
Spring 6AAA	09/29/09	WG	pH	7.81	SU	CAWR-09-12553
Spring 6AAA	09/19/06	WG	pH	7.81	SU	FU06090G6AAA01
Spring 6AAA	09/25/07	WG	pH	7.62	SU	FU07090G6AAA01
Spring 8A	09/30/08	WG	Dissolved Oxygen	6.2	mg/L	CAWR-08-15549
Spring 8A	09/29/09	WG	Dissolved Oxygen	6.12	mg/L	CAWR-09-12562
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

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 8A	09/30/08	WG	Specific Conductance	114.6	µS/cm	CAWR-08-15549
Spring 8A	09/29/09	WG	Specific Conductance	105	µS/cm	CAWR-09-12562
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	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	09/29/09	WG	Temperature	20.4	deg C	CAWR-09-12562
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	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	09/29/09	WG	Turbidity	5.65	NTU	CAWR-09-12562
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	09/25/07	WG	Turbidity	0.19	NTU	FU070900GA8S01
Spring 8A	09/30/08	WG	pH	6.76	SU	CAWR-08-15549
Spring 8A	09/29/09	WG	pH	7.09	SU	CAWR-09-12562
Spring 8A	09/30/08	WG	pH	6.76	SU	CAWR-08-15550
Spring 8A	09/19/06	WG	pH	7.25	SU	FU060900GA8S01
Spring 8A	01/26/05	WG	pH	7.44	SU	FN05010GA8S01
Spring 8A	09/25/07	WG	pH	6.74	SU	FU070900GA8S01
Spring 9	09/29/09	WG	Dissolved Oxygen	6.76	mg/L	CAWR-09-12565
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

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 9	09/25/07	WG	Dissolved Oxygen	5.9	mg/L	FU070900G9SW01
Spring 9	09/29/09	WG	Specific Conductance	301	µS/cm	CAWR-09-12565
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	09/25/07	WG	Specific Conductance	122.7	µS/cm	FU070900G9SW01
Spring 9	09/29/09	WG	Temperature	21.42	deg C	CAWR-09-12565
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	09/25/07	WG	Temperature	20.9	deg C	FU070900G9SW01
Spring 9	09/29/09	WG	Turbidity	2.18	NTU	CAWR-09-12565
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	09/25/07	WG	Turbidity	3.5	NTU	FU070900G9SW01
Spring 9	09/29/09	WG	pH	7.32	SU	CAWR-09-12565
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	09/25/07	WG	pH	7.64	SU	FU070900G9SW01
Spring 9A	09/30/09	WG	Dissolved Oxygen	5.66	mg/L	CAWR-09-12567
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	09/26/07	WG	Dissolved Oxygen	6.5	mg/L	FU070900GA9S01
Spring 9A	09/30/09	WG	Specific Conductance	112	µS/cm	CAWR-09-12567
Spring 9A	10/01/08	WG	Specific Conductance	134.8	µS/cm	CAWR-08-15539

Location	Date	Field Matrix	Analyte	Result	Units	Sample
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	09/26/07	WG	Specific Conductance	121.8	µS/cm	FU070900GA9S01
Spring 9A	09/30/09	WG	Temperature	20.18	deg C	CAWR-09-12567
Spring 9A	10/01/08	WG	Temperature	19.9	deg C	CAWR-08-15539
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	09/26/07	WG	Temperature	21.2	deg C	FU070900GA9S01
Spring 9A	09/30/09	WG	Turbidity	7.37	NTU	CAWR-09-12567
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	09/26/07	WG	Turbidity	2.47	NTU	FU070900GA9S01
Spring 9A	09/30/09	WG	pH	6.86	SU	CAWR-09-12567
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	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	09/30/09	WG	Dissolved Oxygen	5.94	mg/L	CAWR-09-12571
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	09/30/09	WG	Specific Conductance	122	µS/cm	CAWR-09-12571
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	09/30/09	WG	Temperature	20.22	deg C	CAWR-09-12571
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

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 9B	09/30/09	WG	Turbidity	1.73	NTU	CAWR-09-12571
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	09/30/09	WG	pH	7.97	SU	CAWR-09-12571
Spring 9B	10/01/08	WG	pH	7.85	SU	CAWR-08-15552

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

Appendix B

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

Appendix C

Analytical Chemistry Results

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

<	Based on qualifiers, the result was a nondetection.
—	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/General Inorganics) The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit.
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 C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Rad	LLEE	Tritium	—	4.57	0.096	0.29	—	pCi/L	—	—	2409	UU070900PMRG01	UMTL
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	9.64	—	—	2.13	ug/L	J	J+	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Voa	SW-846:8260B	Acetone	—	7.73	—	—	1.25	ug/L	—	J+, J-	194565	GU070900PMRG02	GELC
Spring 4	—	—	4/21/2009	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.59	—	—	0.001	permil	—	—	09-1576	CAWR-09-7978	EES6
Spring 4	—	—	4/21/2009	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.01	—	—	0.001	permil	—	—	09-1576	CAWR-09-7936	EES6
Spring 4	—	—	9/24/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	—	—	—	—	permil	—	—	22608	EF070900G4SW01	EES6
Spring 4	—	—	4/21/2009	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.73	—	—	—	permil	—	—	09-1576	CAWR-09-7979	EES6
Spring 4	—	—	9/24/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.57	0.04	—	—	permil	—	—	19461	EU070900G4SW01	EES6
Spring 4	—	—	9/18/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	—10.89	0.04	—	—	permil	—	—	13117	EU060900G4SW01	EES6
Spring 4	—	—	7/27/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	—10.66	0.03	—	—	permil	—	—	6030	EU05070G4SW01	EES6
Spring 4A	—	—	4/21/2009	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.33	—	—	0.001	permil	—	—	09-1576	CAWR-09-7943	EES6
Spring 4A	—	—	9/24/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	—	—	—	—	permil	—	—	22610	EF070900GA4S01	EES6
Spring 4AA	—	—	4/21/2009	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.42	—	—	0.001	permil	—	—	09-1576	CAWR-09-7945	EES6
Spring 4AA	—	—	9/24/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	—	—	—	—	permil	—	—	22611	EF070900GAA401	EES6
Spring 4AA	—	—	4/21/2009	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	—10.57	—	—	—	permil	—	—	09-1576	CAWR-09-7946	EES6
Spring 4AA	—	—	9/24/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	—10.39	0.04	—	—	permil	—	—	19465	EU070900GAA401	EES6
Spring 4AA	—	—	9/18/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	—10.81	0.04	—	—	permil	—	—	13120	EU060900GAA401	EES6
Spring 4AA	—	—	7/26/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	—10.77	0.03	—	—	permil	—	—	6033	EU05070GAA401	EES6

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.9	—	—	7.30E-01	mg/L	—	—	10-46	CAWR-09-12538
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
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	7.25E-01	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.8	—	—	7.25E-01	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.045	—	—	1.60E-02	mg/L	J	J-	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.006	—	—	3.00E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.06	—	—	6.00E-02	mg/L	U	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12538
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
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.00E-02	mg/L	—	—	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.8	—	—	3.00E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.60E-02	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12539
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
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
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	3.00E-02	mg/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	3.60E-02	mg/L	—	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.19	—	—	6.60E-02	mg/L	—	—	10-46	CAWR-09-12538
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
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.17	—	—	6.60E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	6.60E-02	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.57	—	—	3.30E-02	mg/L	—	—	10-46	CAWR-09-12538
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
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.327	—	—	3.30E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.355	—	—	3.30E-02	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.6	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.3	—	—	4.30E-01	mg/L	—	—	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.4	—	—	4.25E-01	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.6	—	—	4.40E-01	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.7	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	4.30E-01	mg/L	—	—	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	4.25E-01	mg/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.7	—	—	4.40E-01	mg/L	—	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.26	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12538
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
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	8.50E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	8.50E-02	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.23	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12539
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
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
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.29	—	—	8.50E-02	mg/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	185416	GU070400GSAW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.418	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.0636	—	—	1.00E-02	mg/L	—	U	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.408	—	—	5.00E-02	mg/L	—	U	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.444	—	—	1.00E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.62	—	—	1.00E-01	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.317	—	—	5.00E-02	ug/L	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.28	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.386	—	—	5.00E-02	ug/L	—	—	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.333	—	—	5.00E-02	ug/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185416	GF070400GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.364	—	—	5.00E-02	ug/L	—	J-	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12538
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
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12539
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
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
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	5.00E-02	mg/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	185416	GU070400GSAW01
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	75.5	—	—	3.20E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	3.20E-02	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12538
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
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	4.50E-02	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12539
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
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
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	4.50E-02	mg/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	138	—	—	1.00E+00	uS/cm	—	—	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1.00E+00	uS/cm	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	uS/cm	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.53	—	—	1.00E-01	mg/L	—	J	10-46	CAWR-09-12538
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
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.62	—	—	1.00E-01	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.65	—	—	1.00E-01	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.2	—	—	1.10E+00	mg/L	J	J	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5.81	—	—	1.30E+00	mg/L	U	U	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	2.28	—	—	2.28E+00	mg/L	U	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.4	—	—	1.14E+00	mg/L	J	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	10-46	CAWR-09-12538
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.38E+00	mg/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.38E+00	mg/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.825	—	—	3.30E-01	mg/L	J	J	10-45	CAWR-09-12539
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
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
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
Ancho Spring	05/02/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.399	—	—	3.30E-01	mg/L	—	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.64	—	—	1.00E-02	SU	H	J-	10-46	CAWR-09-12538
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
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
Ancho Spring	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J	185416	GF070400GSAW01
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	103	—	—	6.80E+01	ug/L	J	J	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.68	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.6	—	—	1.50E+00	ug/L	J	U	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	4.4	—	—	1.50E+00	ug/L	J	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.3	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	4	—	—	1.50E+00	ug/L	J	U	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.7	—	—	1.50E+00	ug/L	J	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.1	—	—	1.00E+00	ug/L	—	—	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	ug/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	ug/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.2	—	—	1.00E+00	ug/L	—	—	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.9	—	—	1.00E+00	ug/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.7	—	—	1.00E+00	ug/L	—	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.94	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.4	—	—	1.50E+00	ug/L	J	J	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	1.00E+00	ug/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.18	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.50E+00	ug/L	J	J	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	2.50E+00	ug/L	J	J	08-1071	CAWR-08-12119

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.5	—	—	1.00E+00	ug/L	—	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	140	—	—	3.00E+01	ug/L	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	133	—	—	2.50E+01	ug/L	—	—	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	52.4	—	—	1.80E+01	ug/L	J	U	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	265	—	—	3.00E+01	ug/L	—	—	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	638	—	—	2.50E+01	ug/L	—	—	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	30.8	—	—	2.50E+01	ug/L	J	J	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	33.3	—	—	1.80E+01	ug/L	J	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	36.7	—	—	2.00E+00	ug/L	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	52.6	—	—	2.00E+00	ug/L	—	—	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.7	—	—	2.00E+00	ug/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	43.3	—	—	2.00E+00	ug/L	—	—	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	51.8	—	—	2.00E+00	ug/L	—	—	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.9	—	—	2.00E+00	ug/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	185416	GU070400GSAW01
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.584	—	—	5.00E-01	ug/L	J	J	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.3	—	—	5.30E-02	mg/L	—	—	10-46	CAWR-09-12538
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
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
Ancho Spring	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.9	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	63.7	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.5	—	—	1.00E+00	ug/L	—	—	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.2	—	—	1.00E+00	ug/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.8	—	—	1.00E+00	ug/L	—	—	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.9	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12539
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.9	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.2	—	—	1.00E+00	ug/L	—	—	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.8	—	—	1.00E+00	ug/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.6	—	—	1.00E+00	ug/L	—	—	185416	GU070400GSAW01
Ancho Spring	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.57	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12538
Ancho Spring	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.6	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15524
Ancho Spring	04/28/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	ug/L	—	—	08-1071	CAWR-08-12117
Ancho Spring	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1.00E+00	ug/L	—	—	194658	GF070900GSAW01
Ancho Spring	05/02/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	ug/L	—	J+	185416	GF070400GSAW01
Ancho Spring	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.85	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12539

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Ancho Spring	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.6	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15525
Ancho Spring	04/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	ug/L	—	—	08-1071	CAWR-08-12119
Ancho Spring	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	ug/L	—	—	194658	GU070900GSAW01
Ancho Spring	05/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	7.1	—	—	1.00E+00	ug/L	—	U	185416	GU070400GSAW01
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00451	7.67E-04	3.00E-02	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.541	5.00E-01	5.00E+00	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.32	4.33E-01	4.90E+00	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.4	2.20E-01	1.50E+00	—	pCi/L	U	U	10-47	CAWR-09-12539
Ancho Spring	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.88	3.25E-01	2.53E+00	—	pCi/L	—	J	194658	GF070900GSAW01
Ancho Spring	09/19/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.974	2.70E-01	2.74E+00	—	pCi/L	U	U	172456	GF060900GSAW01
Ancho Spring	02/02/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.83	1.72E-01	2.09E+00	—	pCi/L	U	U	130097	GF05010GSAW01
Ancho Spring	10/24/01	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.87	2.37E-01	2.80E+00	—	pCi/L	—	J	51004	GF01101GSAW
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.4	4.00E-01	2.40E+00	—	pCi/L	—	—	10-47	CAWR-09-12539
Ancho Spring	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.05	2.73E-01	2.34E+00	—	pCi/L	—	J	194658	GU070900GSAW01
Ancho Spring	09/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.52	3.30E-01	3.00E+00	—	pCi/L	—	J	172456	GU060900GSAW01
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	145	1.90E+01	1.40E+02	—	pCi/L	—	U	10-47	CAWR-09-12539
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.406	4.00E+00	3.90E+01	—	pCi/L	U	U	10-47	CAWR-09-12539
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00164	7.67E-04	2.80E-02	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00822	1.33E-03	2.70E-02	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	34.6	6.33E+00	7.30E+01	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.85	5.67E-01	4.90E+00	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.106	3.33E-02	3.30E-01	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0049	3.67E-03	7.40E-02	—	pCi/L	U	U	10-47	CAWR-09-12539
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0297	3.67E-03	9.30E-02	—	pCi/L	U	U	10-47	CAWR-09-12539
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00218	1.50E-03	4.40E-02	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.159	8.67E-03	1.10E-01	—	pCi/L	—	—	10-47	CAWR-09-12539

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0037	2.13E-03	5.40E-02	—	pCi/L	U	U	10-47	CAWR-09-12539
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
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
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
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
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
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
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
Ancho Spring	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0958	6.33E-03	6.50E-02	—	pCi/L	—	—	10-47	CAWR-09-12539
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
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
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
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.34	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12578
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.3	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12578
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	3.00E-02	mg/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	3.60E-02	mg/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.60E-02	mg/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12577
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
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.00E-02	mg/L	—	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	3.60E-02	mg/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.60E-02	mg/L	—	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.24	—	—	6.60E-02	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.29	—	—	6.60E-02	mg/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.43	—	—	6.60E-02	mg/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.35	—	—	5.30E-02	mg/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.43	—	—	6.60E-02	mg/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.511	—	—	3.30E-02	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.407	—	—	3.30E-02	mg/L	—	—	194654	GF070900PGRA01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.383	—	—	3.00E-02	mg/L	—	—	146888	GF05090PGRA01
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
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.9	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.8	—	—	4.25E-01	mg/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	8.50E-02	mg/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45	—	—	8.50E-02	mg/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.2	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12577
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
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	4.25E-01	mg/L	—	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.6	—	—	8.50E-02	mg/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	8.50E-02	mg/L	—	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.34	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	8.50E-02	mg/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	8.50E-02	mg/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.29	—	—	8.50E-02	mg/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.45	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12577
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
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	8.50E-02	mg/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	8.50E-02	mg/L	—	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.167	—	—	5.00E-02	ug/L	J	J	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.175	—	—	5.00E-02	ug/L	J	J	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.143	—	—	5.00E-02	ug/L	J	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.128	—	—	5.00E-02	ug/L	J	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.163	—	—	5.00E-02	ug/L	J	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	5.00E-02	mg/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	5.00E-02	mg/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12577
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
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	5.00E-02	mg/L	—	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	75	—	—	3.20E-02	mg/L	—	—	194654	GF070900PGRA01
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	4.50E-02	mg/L	—	—	146888	GF05090PGRA01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12577
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
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	4.50E-02	mg/L	—	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	4.50E-02	mg/L	—	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	148	—	—	1.00E+00	uS/cm	—	—	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1.00E+00	uS/cm	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	154	—	—	1.00E+00	uS/cm	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.1	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.97	—	—	1.00E-01	mg/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.27	—	—	1.00E-01	mg/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.08	—	—	5.70E-02	mg/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.27	—	—	1.00E-01	mg/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	—	10-55	CAWR-09-12578
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
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
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
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
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
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.037	—	—	1.00E-02	mg/L	J	R, U	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.556	—	—	4.00E-02	mg/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.079	—	—	3.30E-02	mg/L	J	J-	10-54	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	09-19	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.088	—	—	2.90E-02	mg/L	J	JN-, J	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	J, UJ	172455	GU060900PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.47	—	—	3.30E-01	mg/L	—	—	10-54	CAWR-09-12577
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
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
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
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.6	—	—	1.00E-02	SU	H	J-	10-55	CAWR-09-12578
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
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
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
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
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
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	UJ	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	85.2	—	—	6.80E+01	ug/L	J	J	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN	UJ	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	112	—	—	6.80E+01	ug/L	J	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	26.7	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12578

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	29.7	—	—	1.00E+00	ug/L	E	—	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	30.1	—	—	1.00E+00	ug/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	29.8	—	—	1.00E+00	ug/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1.00E+00	ug/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.3	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1.00E+00	ug/L	—	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	31	—	—	1.00E+00	ug/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.8	—	—	1.00E+00	ug/L	—	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	2.69	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	1.1	—	—	1.00E+00	ug/L	J	U	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Chromium	—	1.4	—	—	1.00E+00	ug/L	J	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	66.5	—	—	3.00E+01	ug/L	J	J	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	31.6	—	—	2.50E+01	ug/L	J	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	56.6	—	—	1.80E+01	ug/L	J	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	92.5	—	—	3.00E+01	ug/L	J	J	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	47.6	—	—	2.50E+01	ug/L	J	J	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	49.5	—	—	2.50E+01	ug/L	J	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	83.4	—	—	1.80E+01	ug/L	J	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.1	—	—	1.80E+01	ug/L	J	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.44	—	—	2.00E+00	ug/L	J	J	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.1	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.1	—	—	2.00E+00	ug/L	J	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.38	—	—	2.00E+00	ug/L	J	J	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.3	—	—	2.00E+00	ug/L	J	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.6	—	—	2.00E+00	ug/L	J	U, J+	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.7	—	—	2.00E+00	ug/L	J	J+, U	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.654	—	—	5.00E-01	ug/L	J	J	10-55	CAWR-09-12578

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.53	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	0.8	—	—	5.00E-01	ug/L	J	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.619	—	—	5.00E-01	ug/L	J	J	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.97	—	—	5.00E-01	ug/L	J	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.3	—	—	5.30E-02	mg/L	—	—	10-55	CAWR-09-12578
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
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.1	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	69.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.2	—	—	1.00E+00	ug/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	63.1	—	—	1.00E+00	ug/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.7	—	—	1.00E+00	ug/L	—	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	64	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.7	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.3	—	—	1.00E+00	ug/L	—	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.2	—	—	1.00E+00	ug/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.2	—	—	1.00E+00	ug/L	—	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.189	—	—	5.00E-02	ug/L	J	J	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.16	—	—	5.00E-02	ug/L	J	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	5.00E-02	ug/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	5.00E-02	ug/L	J	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.194	—	—	5.00E-02	ug/L	J	J	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.16	—	—	5.00E-02	ug/L	J	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	5.00E-02	ug/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.17	—	—	5.00E-02	ug/L	J	—	146888	GU05090PGRA01
Ancho at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12578
Ancho at Rio Grande	09/30/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15455
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	—	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1.00E+00	ug/L	—	—	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	ug/L	J	—	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.17	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12577
Ancho at Rio Grande	09/30/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15454
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1.00E+00	ug/L	—	—	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1.00E+00	ug/L	—	—	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	ug/L	J	—	146888	GU05090PGRA01
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00101	6.33E-04	3.50E-02	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.58	4.67E-01	4.90E+00	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.73	4.67E-01	5.30E+00	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	3.84	4.67E-01	3.70E+00	—	pCi/L	—	U	10-56	CAWR-09-12577
Ancho at Rio Grande	09/25/07	WS	F	CS	—	Rad	EPA:900	Gross beta	<	2.05	2.46E-01	2.28E+00	—	pCi/L	U	U	194654	GF070900PGRA01
Ancho at Rio Grande	09/19/06	WP	F	CS	—	Rad	EPA:900	Gross beta	<	1.3	3.10E-01	3.11E+00	—	pCi/L	U	U	172455	GF060900PGRA01
Ancho at Rio Grande	09/27/05	WS	F	CS	—	Rad	EPA:900	Gross beta	<	2.12	2.41E-01	2.74E+00	—	pCi/L	U	U	146888	GF05090PGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.23	2.30E-01	2.20E+00	—	pCi/L	U	U	10-56	CAWR-09-12577
Ancho at Rio Grande	09/25/07	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.57	2.45E-01	2.35E+00	—	pCi/L	U	U	194654	GU070900PGRA01
Ancho at Rio Grande	09/19/06	WP	UF	CS	—	Rad	EPA:900	Gross beta	<	1	3.15E-01	3.21E+00	—	pCi/L	U	U	172455	GU060900PGRA01
Ancho at Rio Grande	09/27/05	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.11	1.57E-01	1.52E+00	—	pCi/L	U	U	146888	GU05090PGRA01
Ancho at Rio Grande	09/14/04	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	0.128	1.39E-01	1.65E+00	—	pCi/L	U	U	121726	GU04090WGRA01
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.3	5.67E+00	2.80E+01	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.7	2.23E+00	1.90E+01	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00157	9.00E-04	2.60E-02	—	pCi/L	U	U	10-56	CAWR-09-12577

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00157	5.33E-04	2.50E-02	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.9	4.33E+00	4.70E+01	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.173	4.33E-01	4.10E+00	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.114	4.00E-02	4.00E-01	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00904	3.33E-03	5.20E-02	—	pCi/L	U	U	10-56	CAWR-09-12577
Ancho at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.00406	1.74E-02	2.65E-01	—	pCi/L	U	U	89799	GU03080WGRA01
Ancho at Rio Grande	09/24/02	WS	UF	CS	—	Rad	Alpha Spec	Thorium-228	<	0.00723	8.70E-03	1.94E-01	—	pCi/L	U	U	67781	GU02090WGRA01
Ancho at Rio Grande	09/24/02	WS	UF	DUP	—	Rad	Alpha Spec	Thorium-228	<	0.0343	6.53E-03	1.53E-01	—	pCi/L	U	—	67781	GU02090WGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0569	4.33E-03	6.60E-02	—	pCi/L	U	U	10-56	CAWR-09-12577
Ancho at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Thorium-230	<	0.154	1.43E-02	4.92E-01	—	pCi/L	U	U	89799	GU03080WGRA01
Ancho at Rio Grande	09/24/02	WS	UF	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0176	3.15E-03	2.05E-01	—	pCi/L	U	U	67781	GU02090WGRA01
Ancho at Rio Grande	09/24/02	WS	UF	DUP	—	Rad	Alpha Spec	Thorium-230	<	0.0167	3.97E-03	1.62E-01	—	pCi/L	U	—	67781	GU02090WGRA01
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00896	1.87E-03	3.10E-02	—	pCi/L	U	U	10-56	CAWR-09-12577
Ancho at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Thorium-232	—	1.6	6.00E-02	1.22E-01	—	pCi/L	—	J+	89799	GU03080WGRA01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Ancho at Rio Grande	09/24/02	WS	UF	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00352	2.03E-03	6.30E-02	—	pCi/L	U	U	67781	GU02090WGRA01
Ancho at Rio Grande	09/24/02	WS	UF	DUP	—	Rad	Alpha Spec	Thorium-232	<	0.0111	2.29E-03	4.90E-02	—	pCi/L	U	—	67781	GU02090WGRA01
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.168	8.00E-03	7.70E-02	—	pCi/L	—	—	10-56	CAWR-09-12577
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00972	2.07E-03	4.00E-02	—	pCi/L	U	U	10-56	CAWR-09-12577
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
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
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
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
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
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
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
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
Ancho at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0826	5.00E-03	4.70E-02	—	pCi/L	—	—	10-56	CAWR-09-12577
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
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
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
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
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	131	—	—	7.30E-01	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	124	—	—	7.25E-01	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	132	—	—	7.25E-01	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	124	—	—	1.45E+00	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	133	—	—	7.25E-01	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.126	—	—	6.60E-02	mg/L	J	J	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.163	—	—	6.60E-02	mg/L	J	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.041	—	—	4.10E-02	mg/L	U	—	140638	GF05070GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	171922	GU060800GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.2	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.9	—	—	3.00E-02	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.5	—	—	3.60E-02	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.7	—	—	3.60E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.5	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12480
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
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.9	—	—	3.00E-02	mg/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.6	—	—	3.60E-02	mg/L	—	—	171922	GU060800GSML01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	36.3	—	—	3.60E-02	mg/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.59	—	—	6.60E-02	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.01	—	—	6.60E-02	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.1	—	—	6.60E-02	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.94	—	—	5.30E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	7.05	—	—	6.60E-02	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.325	—	—	3.30E-02	mg/L	—	J-	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.266	—	—	3.30E-02	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	3.30E-02	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.119	—	—	3.00E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.25	—	—	3.30E-02	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91.8	—	—	3.50E-01	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	93.9	—	—	4.25E-01	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	94.6	—	—	8.50E-02	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91	—	—	8.50E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	93.4	—	—	3.50E-01	mg/L	—	—	09-3314	CAWR-09-12480
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
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	94	—	—	4.25E-01	mg/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	95	—	—	8.50E-02	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	97.4	—	—	8.50E-02	mg/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.932	—	—	8.50E-02	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.05	—	—	8.50E-02	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.46	—	—	8.50E-02	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.04	—	—	8.50E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.18	—	—	8.50E-02	mg/L	—	—	09-3314	CAWR-09-12480
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
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.07	—	—	8.50E-02	mg/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.52	—	—	8.50E-02	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.62	—	—	8.50E-02	mg/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.39	—	—	5.00E-02	mg/L	—	J	09-3314	CAWR-09-12479
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
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
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
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
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
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.833	—	—	5.00E-02	ug/L	—	—	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.858	—	—	5.00E-02	ug/L	—	—	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.848	—	—	5.00E-02	ug/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	171922	GF060800GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.709	—	—	5.00E-02	ug/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	140638	GF05070GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.894	—	—	5.00E-02	ug/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.47	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.89	—	—	5.00E-02	mg/L	—	—	171922	GF060800GSML01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.78	—	—	5.00E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12480
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
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.68	—	—	5.00E-02	mg/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.95	—	—	5.00E-02	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.23	—	—	5.00E-02	mg/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29	—	—	3.20E-02	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29.4	—	—	3.20E-02	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	28.4	—	—	3.20E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29.7	—	—	3.20E-02	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.6	—	—	3.20E-02	mg/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.5	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.9	—	—	4.50E-02	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.9	—	—	4.50E-02	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29	—	—	4.50E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.3	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12480
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
La Mesita Spring	09/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.8	—	—	4.50E-02	mg/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.8	—	—	4.50E-02	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.6	—	—	4.50E-02	mg/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	315	—	—	1.00E+00	uS/cm	—	—	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	316	—	—	1.00E+00	uS/cm	—	—	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	306	—	—	1.00E+00	uS/cm	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	318	—	—	1.00E+00	uS/cm	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	299	—	—	1.00E+00	uS/cm	—	—	140638	GF05070GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	317	—	—	1.00E+00	uS/cm	—	—	171922	GU060800GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.6	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.4	—	—	1.00E-01	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.3	—	—	1.00E-01	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.4	—	—	5.70E-02	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.2	—	—	1.00E-01	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	13.8	—	—	1.40E+00	mg/L	—	—	09-3314	CAWR-09-12480
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
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
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
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
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
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	184	—	—	2.40E+00	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	202	—	—	2.38E+00	mg/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	210	—	—	2.38E+00	mg/L	—	—	171922	GU060800GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	210	—	—	2.38E+00	mg/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	212	—	—	2.38E+00	mg/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	09-3314	CAWR-09-12479
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
La Mesita Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	1.00E-02	SU	H	J	140638	GF05070GSML01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
La Mesita Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.28	—	—	1.00E-02	SU	H	J	171922	GU060800GSML01
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1220	—	—	6.80E+01	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	97.2	—	—	6.80E+01	ug/L	J	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	188	—	—	6.80E+01	ug/L	J	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2500	—	—	6.80E+01	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	109	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	111	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	117	—	—	1.00E+00	ug/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	ug/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	108	—	—	1.00E+00	ug/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	111	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	120	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	ug/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	134	—	—	1.00E+00	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	50.5	—	—	1.50E+01	ug/L	—	—	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	49.4	—	—	1.00E+01	ug/L	J	J	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	50.7	—	—	1.00E+01	ug/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	52.3	—	—	1.00E+01	ug/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	56.5	—	—	1.00E+01	ug/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	51.4	—	—	1.50E+01	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	48.5	—	—	1.00E+01	ug/L	J	J	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	49.5	—	—	1.00E+01	ug/L	J	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	50.6	—	—	1.00E+01	ug/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	56.1	—	—	1.00E+01	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.48	—	—	2.50E+00	ug/L	J	J	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.50E+00	ug/L	J	J	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	1.00E+00	ug/L	J	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.1	—	—	1.00E+00	ug/L	J	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.76	—	—	2.50E+00	ug/L	J	J	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1.50E+00	ug/L	J	J	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	5.3	—	—	1.00E+00	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	31.3	—	—	1.80E+01	ug/L	J	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1060	—	—	3.00E+01	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	109	—	—	2.50E+01	ug/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	134	—	—	1.80E+01	ug/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2190	—	—	1.80E+01	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-2030	CAWR-08-15464

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.554	—	—	5.00E-01	ug/L	J	J	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.23	—	—	2.00E+00	ug/L	J	J	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.4	—	—	2.00E+00	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.7	—	—	2.00E+00	ug/L	J	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.2	—	—	2.00E+00	ug/L	J	J+	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19	—	—	2.00E+00	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	ug/L	J	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	1.00E-01	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.1	—	—	2.00E+00	ug/L	J	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	1.1	—	—	5.00E-01	ug/L	J	U	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	ug/L	J	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.94	—	—	5.00E-01	ug/L	J	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.45	—	—	5.00E-01	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.9	—	—	5.00E-01	ug/L	J	U	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	5.00E-01	ug/L	J	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.09	—	—	1.00E+00	ug/L	J	J	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.1	—	—	1.00E+00	ug/L	J	J	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	ug/L	U	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	ug/L	U	—	140638	GF05070GSML01
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.4	—	—	1.00E+00	ug/L	J	J	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	ug/L	U	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	2.7	—	—	2.50E+00	ug/L	J	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	28.3	—	—	5.30E-02	mg/L	—	—	09-3314	CAWR-09-12479
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
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	789	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12479

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	829	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	828	—	—	1.00E+00	ug/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	735	—	—	1.00E+00	ug/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	811	—	—	1.00E+00	ug/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	796	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	802	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	834	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	722	—	—	1.00E+00	ug/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	850	—	—	1.00E+00	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	10.1	—	—	5.00E-02	ug/L	—	—	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	11.7	—	—	5.00E-02	ug/L	—	—	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	12.5	—	—	5.00E-02	ug/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	9.8	—	—	5.00E-02	ug/L	—	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	11.8	—	—	5.00E-02	ug/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	10.5	—	—	5.00E-02	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	11.8	—	—	5.00E-02	ug/L	—	—	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	12.2	—	—	5.00E-02	ug/L	—	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	9.7	—	—	5.00E-02	ug/L	—	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	11.4	—	—	5.00E-02	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.72	—	—	1.00E+00	ug/L	J	J	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	ug/L	J	J	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.4	—	—	1.00E+00	ug/L	J	U	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	ug/L	J	—	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.41	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1.00E+00	ug/L	J	J	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.1	—	—	1.00E+00	ug/L	J	U	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.7	—	—	1.00E+00	ug/L	J	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.07	—	—	3.30E+00	ug/L	J	J	09-3314	CAWR-09-12479
La Mesita Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.4	—	—	2.00E+00	ug/L	J	U	08-2030	CAWR-08-15464
La Mesita Spring	09/18/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.9	—	—	2.00E+00	ug/L	J	U	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.4	—	—	2.00E+00	ug/L	—	—	140638	GF05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.49	—	—	3.30E+00	ug/L	J	J	09-3314	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.2	—	—	2.00E+00	ug/L	J	U	08-2030	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.7	—	—	2.00E+00	ug/L	J	U	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.7	—	—	2.00E+00	ug/L	—	—	140638	GU05070GSML01
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00727	2.17E-03	4.00E-02	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.133	4.00E-01	3.90E+00	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.46	4.00E-01	3.60E+00	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	10.2	7.00E-01	2.30E+00	—	pCi/L	—	—	09-3315	CAWR-09-12480
La Mesita Spring	09/18/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.74	3.03E-01	1.80E+00	—	pCi/L	—	—	194180	GF070900GSML01
La Mesita Spring	09/14/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.7	5.23E-01	4.69E+00	—	pCi/L	—	J	171922	GF060800GSML01
La Mesita Spring	07/12/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.01	2.59E-01	2.42E+00	—	pCi/L	—	J	140638	GF05070GSML01
La Mesita Spring	08/24/04	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.84	2.46E-01	2.14E+00	—	pCi/L	—	J	120020	GF04080GSML01
La Mesita Spring	08/24/04	WG	F	DUP	—	Rad	EPA:900	Gross beta	—	5.7	2.29E-01	1.98E+00	—	pCi/L	—	—	120020	GF04080GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.6	4.00E-01	2.80E+00	—	pCi/L	—	—	09-3315	CAWR-09-12480
La Mesita Spring	09/18/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.73	2.43E-01	1.68E+00	—	pCi/L	—	J	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	9.35	4.90E-01	3.63E+00	—	pCi/L	—	J	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.88	2.82E-01	2.48E+00	—	pCi/L	—	—	140638	GU05070GSML01
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.8	6.67E+00	3.20E+01	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.7	3.33E+00	3.30E+01	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0044	1.47E-03	3.70E-02	—	pCi/L	U	U	09-3315	CAWR-09-12480
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0066	1.63E-03	3.60E-02	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.771	5.67E+00	5.60E+01	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.966	4.00E-01	3.60E+00	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00996	3.33E-02	3.90E-01	—	pCi/L	U	U	09-3315	CAWR-09-12480
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
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
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
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
La Mesita Spring	07/21/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0229	4.73E-03	9.80E-02	—	pCi/L	U	U	84883	GF03070GSML01
La Mesita Spring	06/24/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0119	3.25E-03	3.30E-02	—	pCi/L	U	U	62710	GF02060GSML01
La Mesita Spring	06/24/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-228	<	0.0487	5.87E-03	4.99E-02	—	pCi/L	U	—	62710	GF02060GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0248	4.00E-03	6.30E-02	—	pCi/L	U	U	09-3315	CAWR-09-12480
La Mesita Spring	07/21/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.184	8.23E-03	1.54E-01	—	pCi/L	X	JN+	84883	GF03070GSML01
La Mesita Spring	06/24/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0232	3.33E-03	2.90E-02	—	pCi/L	U	U	62710	GF02060GSML01
La Mesita Spring	06/24/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-230	—	0.0451	5.17E-03	4.17E-02	—	pCi/L	—	—	62710	GF02060GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0188	3.07E-03	7.90E-02	—	pCi/L	U	U	09-3315	CAWR-09-12480
La Mesita Spring	07/21/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.0116	2.39E-03	4.50E-02	—	pCi/L	U	U	84883	GF03070GSML01
La Mesita Spring	06/24/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00193	1.93E-03	2.32E-02	—	pCi/L	U	U	62710	GF02060GSML01
La Mesita Spring	06/24/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-232	<	0.01	2.38E-03	2.33E-02	—	pCi/L	U	—	62710	GF02060GSML01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0176	2.63E-03	3.70E-02	—	pCi/L	U	U	09-3315	CAWR-09-12480
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3316	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	5.39	1.33E-01	1.00E-01	—	pCi/L	—	—	09-3315	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.207	1.03E-02	5.20E-02	—	pCi/L	—	—	09-3315	CAWR-09-12480
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
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
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
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
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	3.35	8.67E-02	6.20E-02	—	pCi/L	—	—	09-3315	CAWR-09-12480
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
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
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
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
La Mesita Spring	09/22/09	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	—	1.63	—	—	2.20E-01	ug/L	—	J	09-3313	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	<	1.09	—	—	2.20E-01	ug/L	U	U	08-2029	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	<	1.43	—	—	2.86E-01	ug/L	U	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	<	1.12	—	—	2.25E-01	ug/L	U	—	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	<	1	—	—	—	ug/L	U	—	140638	GU05070GSML01
La Mesita Spring	09/26/08	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.9	—	—	2.20E+00	ug/L	U	U	08-2029	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	14.3	—	—	2.86E+00	ug/L	U	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	11.2	—	—	2.25E+00	ug/L	U	—	171922	GU060800GSML01
La Mesita Spring	09/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	4.08	—	—	3.50E+00	ug/L	J	J	09-3313	CAWR-09-12478
La Mesita Spring	09/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.50E+00	ug/L	U	UJ	08-2029	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	ug/L	U	R	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	2.02	—	—	1.25E+00	ug/L	J	J-, U	171922	GU060800GSML01
La Mesita Spring	07/12/05	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	—	ug/L	U	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.399	—	—	3.00E-01	ug/L	J	J	09-3313	CAWR-09-12478
La Mesita Spring	09/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	08-2029	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	171922	GU060800GSML01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
La Mesita Spring	07/12/05	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	140638	GU05070GSML01
La Mesita Spring	09/22/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	—	0.324	—	—	2.50E-01	ug/L	J	J	09-3313	CAWR-09-12480
La Mesita Spring	09/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	U	08-2029	CAWR-08-15463
La Mesita Spring	09/18/07	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	194180	GU070900GSML01
La Mesita Spring	09/14/06	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	171922	GU060800GSML01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.06	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1.45	—	—	1.45E+00	mg/L	U	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1.45	—	—	1.45E+00	mg/L	U	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1.45	—	—	1.45E+00	mg/L	U	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	14.5	—	—	1.45E+01	mg/L	U	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.8	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.2	—	—	1.45E+00	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85	—	—	1.45E+00	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.1	—	—	1.45E+00	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	878	—	—	1.45E+01	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.8	—	—	3.60E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:200.7	Calcium	—	20.7	—	—	8.23E-03	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:200.7	Calcium	—	20.2	—	—	8.23E-03	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:200.7	Calcium	—	21.3	—	—	8.23E-03	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Geninorg	EPA:200.7	Calcium	—	20.8	—	—	8.23E-03	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	3.60E-02	mg/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Calcium	—	21.1	—	—	8.23E-03	mg/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.75	—	—	6.60E-02	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.93	—	—	5.30E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.97	—	—	3.22E-02	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.18	—	—	3.22E-02	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.18	—	—	3.22E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.538	—	—	3.30E-02	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.461	—	—	3.00E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.471	—	—	5.53E-02	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.336	—	—	5.53E-02	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.471	—	—	5.53E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	69.2	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	67.2	—	—	8.50E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:200.7	Hardness	—	70.1	—	—	8.23E-03	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:200.7	Hardness	—	69.3	—	—	8.23E-03	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:200.7	Hardness	—	72.2	—	—	8.23E-03	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.2	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.4	—	—	8.50E-02	mg/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.36	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.29	—	—	8.50E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.5	—	—	3.32E-03	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.57	—	—	3.32E-03	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.59	—	—	3.32E-03	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Geninorg	EPA:200.7	Magnesium	—	4.46	—	—	3.32E-03	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.28	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.23	—	—	8.50E-02	mg/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Magnesium	—	4.58	—	—	3.32E-03	mg/L	—	—	121726	GU04090WGRP01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	1.70E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.784	—	—	3.00E-03	mg/L	—	J+	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.75	—	—	1.00E-02	mg/L	—	J-	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.69	—	—	1.00E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.542	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.497	—	—	5.00E-02	ug/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.485	—	—	5.00E-02	ug/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	1.45	—	—	1.45E+00	ug/L	U	—	69065	GU02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.51	—	—	5.00E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:200.7	Potassium	—	2.58	—	—	3.72E-02	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:200.7	Potassium	—	2.54	—	—	3.72E-02	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:200.7	Potassium	—	2.72	—	—	3.72E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Geninorg	EPA:200.7	Potassium	—	2.66	—	—	3.72E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	5.00E-02	mg/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Potassium	—	2.66	—	—	3.72E-02	mg/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	63.1	—	—	3.20E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	66.4	—	—	1.22E-02	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	67.3	—	—	1.22E-02	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	70.1	—	—	1.22E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Geninorg	EPA:200.7	Silicon Dioxide	—	68.3	—	—	1.22E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	64.5	—	—	3.20E-02	mg/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Silicon Dioxide	—	68.5	—	—	1.22E-02	mg/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:200.7	Sodium	—	13.5	—	—	2.00E-02	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:200.7	Sodium	—	13.7	—	—	2.00E-02	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:200.7	Sodium	—	13.7	—	—	2.00E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Geninorg	EPA:200.7	Sodium	—	13.3	—	—	2.00E-02	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Geninorg	EPA:200.7	Sodium	—	14.2	—	—	2.00E-02	mg/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	198	—	—	1.00E+00	uS/cm	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	177	—	—	1.00E+00	uS/cm	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	199	—	—	1.00E+00	uS/cm	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	146	—	—	1.00E+00	uS/cm	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.21	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.52	—	—	5.70E-02	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.52	—	—	1.93E-01	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.58	—	—	1.93E-01	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.5	—	—	1.93E-01	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.8	—	—	1.10E+00	mg/L	J	J	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.86	—	—	1.06E+00	mg/L	J	—	146888	GU05090PGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	0.764	—	—	7.64E-01	mg/L	U	—	69065	GU02100WGRP01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.40E+00	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	183	—	—	2.38E+00	mg/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	3.07E+00	mg/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	3.07E+00	mg/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	178	—	—	3.07E+00	mg/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.324	—	—	4.00E-02	mg/L	J	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.067	—	—	3.30E-02	mg/L	J	J-	10-54	CAWR-09-12590
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.937	—	—	3.30E-01	mg/L	J	J	10-54	CAWR-09-12590
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.37	—	—	1.00E-02	SU	H	J-	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	1.00E-02	SU	H	J	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	—	SU	H	J	121726	GF04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	F	DUP	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	—	SU	H	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	1.00E-02	SU	H	J	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	36.5	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	38.4	—	—	1.00E+00	ug/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Metals	EPA:200.7	Barium	—	40.1	—	—	3.01E-01	ug/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Metals	EPA:200.7	Barium	—	39.4	—	—	3.01E-01	ug/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Metals	EPA:200.7	Barium	—	40.6	—	—	3.01E-01	ug/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Metals	EPA:200.7	Barium	—	39.5	—	—	3.01E-01	ug/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.7	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.2	—	—	1.00E+00	ug/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Metals	EPA:200.7	Barium	—	42	—	—	3.01E-01	ug/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	22.1	—	—	1.50E+01	ug/L	J	J	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	24.2	—	—	1.00E+01	ug/L	J	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Metals	EPA:200.7	Boron	—	23.1	—	—	1.39E+00	ug/L	J	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Metals	EPA:200.7	Boron	—	25	—	—	1.39E+00	ug/L	B	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Metals	EPA:200.7	Boron	—	29.5	—	—	1.39E+00	ug/L	B	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Metals	EPA:200.7	Boron	—	28.6	—	—	1.39E+00	ug/L	B	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	22	—	—	1.50E+01	ug/L	J	J	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.9	—	—	1.00E+01	ug/L	J	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Metals	EPA:200.7	Boron	—	26.6	—	—	1.39E+00	ug/L	J	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	5.19	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.8	—	—	1.00E+00	ug/L	J	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Metals	EPA:200.7	Chromium	—	4.6	—	—	1.43E+00	ug/L	J	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Metals	EPA:200.7	Chromium	<	3.94	—	—	1.43E+00	ug/L	B	U	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Metals	EPA:200.7	Chromium	—	3.76	—	—	1.43E+00	ug/L	B	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Metals	EPA:200.7	Chromium	—	3.37	—	—	1.43E+00	ug/L	B	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.37	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6010B	Chromium	—	3.6	—	—	1.00E+00	ug/L	J	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Metals	EPA:200.7	Chromium	—	4.57	—	—	1.43E+00	ug/L	J	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	67.4	—	—	3.00E+01	ug/L	J	J	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Metals	EPA:200.7	Iron	<	14.9	—	—	1.49E+01	ug/L	U	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Metals	EPA:200.7	Iron	<	14.9	—	—	1.49E+01	ug/L	U	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Metals	EPA:200.7	Iron	<	14.9	—	—	1.49E+01	ug/L	U	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Metals	EPA:200.7	Iron	<	14.9	—	—	1.49E+01	ug/L	U	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	62	—	—	3.00E+01	ug/L	J	J	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	71.9	—	—	1.80E+01	ug/L	J	—	146888	GU05090PGRP01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Metals	EPA:200.7	Iron	—	70.1	—	—	1.49E+01	ug/L	J	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.976	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Metals	EPA:200.7	Molybdenum	<	2.5	—	—	9.48E-01	ug/L	J	U	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Metals	EPA:200.7	Molybdenum	—	1.76	—	—	9.48E-01	ug/L	B	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Metals	EPA:200.7	Molybdenum	—	1.47	—	—	9.48E-01	ug/L	B	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Metals	EPA:200.7	Molybdenum	—	1.23	—	—	9.48E-01	ug/L	B	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.949	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Metals	EPA:200.7	Molybdenum	—	1.48	—	—	9.48E-01	ug/L	J	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.5	—	—	5.00E-01	ug/L	J	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.60E+00	ug/L	U	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.60E+00	ug/L	U	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.60E+00	ug/L	U	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.60E+00	ug/L	U	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.507	—	—	5.00E-01	ug/L	J	J	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.60E+00	ug/L	U	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.6	—	—	5.30E-02	mg/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Metals	EPA:200.7	Strontium	—	119	—	—	2.38E-01	ug/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Metals	EPA:200.7	Strontium	—	118	—	—	2.38E-01	ug/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Metals	EPA:200.7	Strontium	—	123	—	—	2.38E-01	ug/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Metals	EPA:200.7	Strontium	—	120	—	—	2.38E-01	ug/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	ug/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Metals	EPA:200.7	Strontium	—	122	—	—	2.38E-01	ug/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.02	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/26/00	WS	F	CS	—	Metals	EPA:200.8	Uranium	—	1.06	—	—	1.80E-02	ug/L	—	—	32206	GC00091WGRP
Pajarito at Rio Grande	09/26/00	WS	F	DUP	—	Metals	EPA:200.8	Uranium	—	1.04	—	—	1.80E-02	ug/L	—	—	32206	GC00091WGRP
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.95	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12588
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.5	—	—	1.00E+00	ug/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	F	CS	—	Metals	EPA:200.7	Vanadium	—	8.8	—	—	7.32E-01	ug/L	—	—	121726	GF04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	F	CS	—	Metals	EPA:200.7	Vanadium	—	9.94	—	—	7.32E-01	ug/L	—	—	89799	GF03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	CS	—	Metals	EPA:200.7	Vanadium	—	9.65	—	—	7.32E-01	ug/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	F	DUP	—	Metals	EPA:200.7	Vanadium	—	9.35	—	—	7.32E-01	ug/L	—	—	69065	GF02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.94	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1.00E+00	ug/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Metals	EPA:200.7	Vanadium	—	9.04	—	—	7.32E-01	ug/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00596	5.37E-03	3.32E-02	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000299	5.33E-04	2.80E-02	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00354	5.23E-03	3.22E-02	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0.0106	5.37E-03	3.40E-02	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Rad	Alpha Spec	Americium-241	<	-0.0247	5.73E-03	4.30E-02	—	pCi/L	U	—	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-3.72	2.10E+00	1.98E+01	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Americium-241	<	-0.00546	1.36E-03	2.60E-02	—	pCi/L	U	U	89799	GU03080WGRP01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Americium-241	<	0.011	2.20E-03	3.10E-02	—	pCi/L	U	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0.0165	3.40E-03	8.90E-02	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-2.67	2.73E+00	2.90E+01	—	pCi/L	U	—	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.13	3.43E-01	4.01E+00	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.687	4.33E-01	4.30E+00	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.5	3.17E-01	3.76E+00	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.154	4.73E-01	4.67E+00	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.155	3.43E-01	3.61E+00	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.81	6.53E-01	7.29E+00	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.38	3.90E-01	3.92E+00	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.364	4.33E-01	4.10E+00	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.87	3.97E-01	4.80E+00	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.45	4.50E-01	4.34E+00	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.478	3.40E-01	3.91E+00	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.63	7.73E-01	8.41E+00	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.37	1.73E-01	2.10E+00	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	EPA:900	Gross beta	—	2.81	2.49E-01	2.75E+00	—	pCi/L	—	J	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.85	2.73E-01	2.50E+00	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.16	2.54E-01	3.01E+00	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	0.809	1.20E-01	1.32E+00	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Rad	EPA:900	Gross beta	—	1.74	1.29E-01	1.27E+00	—	pCi/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	2.68	1.48E-01	1.36E+00	—	pCi/L	—	J	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	EPA:900	Gross beta	—	2.68	1.46E-01	1.34E+00	—	pCi/L	—	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.82	1.74E-01	1.93E+00	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	95	1.20E+01	2.82E+02	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.5	4.33E+00	3.40E+01	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.9	1.04E+01	1.98E+02	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	60.7	1.73E+01	1.81E+02	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	86.6	1.97E+01	3.14E+02	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	224	9.90E+01	6.81E+02	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.54	2.59E+00	2.68E+01	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-28.9	3.33E+00	2.90E+01	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.81	2.17E+00	2.35E+01	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.63	3.27E+00	3.58E+01	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.71	2.27E+00	2.41E+01	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.2	4.13E+00	4.15E+01	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00223	2.88E-03	3.41E-02	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00637	1.20E-03	2.70E-02	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00468	7.50E-03	7.16E-02	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	-0.0101	2.94E-03	3.10E-02	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Rad	Alpha Spec	Plutonium-238	<	0.00468	2.21E-03	3.60E-02	—	pCi/L	U	—	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	0.00592	1.14E-03	2.70E-02	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Plutonium-238	<	0	1.15E-03	3.40E-02	—	pCi/L	U	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	-0.00458	2.65E-03	1.16E-01	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00669	1.66E-03	3.68E-02	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00159	1.20E-03	2.60E-02	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0281	5.43E-03	7.73E-02	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.0101	1.79E-03	3.20E-02	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00468	1.91E-03	3.70E-02	—	pCi/L	U	—	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	-0.00789	1.61E-03	2.40E-02	—	pCi/L	U	U	89799	GU03080WGRP01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00488	1.99E-03	3.00E-02	—	pCi/L	U	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	-0.00458	4.57E-03	1.01E-01	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14.4	5.03E+00	4.13E+01	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.7	5.67E+00	5.90E+01	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	44.2	4.40E+00	5.35E+01	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.1	5.90E+00	6.13E+01	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	17.7	4.00E+00	4.77E+01	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	—	114	9.43E+00	5.31E+01	—	pCi/L	—	J	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.358	3.33E-01	3.61E+00	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.00745	4.33E-01	4.20E+00	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.428	3.67E-01	4.18E+00	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.972	4.37E-01	4.77E+00	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.394	4.03E-01	3.99E+00	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	3.95	1.61E+00	6.42E+00	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0706	2.61E-02	4.23E-01	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0167	3.67E-02	3.80E-01	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0721	3.17E-02	4.34E-01	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	GFPC	Strontium-90	<	0.106	1.27E-02	1.27E-01	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0459	1.51E-02	1.50E-01	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	GFPC	Strontium-90	<	0.0247	1.45E-02	1.45E-01	—	pCi/L	U	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0374	2.56E-02	3.49E-01	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	DUP	—	Rad	GFPC	Strontium-90	<	0.0257	2.60E-02	3.58E-01	—	pCi/L	U	—	69065	GU02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00223	4.33E-03	7.50E-02	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0447	6.23E-03	1.09E-01	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Thorium-228	<	0.0583	5.63E-03	7.80E-02	—	pCi/L	U	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.0359	9.73E-03	2.65E-01	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0143	3.67E-03	9.50E-02	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0651	5.53E-03	2.03E-01	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Thorium-230	—	0.102	5.33E-03	1.46E-01	—	pCi/L	—	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0422	6.27E-03	2.80E-01	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00767	1.53E-03	4.50E-02	—	pCi/L	U	U	10-56	CAWR-09-12590
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Thorium-232	<	0.0101	2.14E-03	5.00E-02	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Thorium-232	<	-0.000423	1.77E-03	3.60E-02	—	pCi/L	U	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Thorium-232	<	-0.000723	3.14E-03	8.60E-02	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.691	1.86E-02	8.36E-02	—	pCi/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.561	1.57E-02	4.70E-02	—	pCi/L	—	J-	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.749	1.78E-02	6.42E-02	—	pCi/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.621	1.59E-02	7.80E-02	—	pCi/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-234	—	0.657	1.67E-02	6.90E-02	—	pCi/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.667	2.04E-02	6.10E-02	—	pCi/L	—	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-234	—	0.701	2.13E-02	5.20E-02	—	pCi/L	—	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.606	2.31E-02	8.30E-02	—	pCi/L	—	—	69065	GU02100WGRP01
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0203	3.60E-03	6.29E-02	—	pCi/L	U	U	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0116	1.67E-03	2.40E-02	—	pCi/L	U	UJ	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0312	3.50E-03	4.83E-02	—	pCi/L	U	U	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0462	4.00E-03	5.00E-02	—	pCi/L	U	U	121726	GU04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-235/236	<	0.0361	3.73E-03	4.50E-02	—	pCi/L	U	—	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0132	3.18E-03	3.50E-02	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-235/236	<	0.0269	3.70E-03	3.00E-02	—	pCi/L	U	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0179	3.67E-03	7.30E-02	—	pCi/L	U	U	69065	GU02100WGRP01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Pajarito at Rio Grande	09/26/05	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.444	1.40E-02	5.92E-02	—	pCi/L	—	—	146888	GF05090PGRP01
Pajarito at Rio Grande	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.298	9.33E-03	2.90E-02	—	pCi/L	—	J-	10-56	CAWR-09-12590
Pajarito at Rio Grande	09/26/05	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.347	1.07E-02	4.54E-02	—	pCi/L	—	—	146888	GU05090PGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.317	1.04E-02	5.50E-02	—	pCi/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	09/13/04	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-238	—	0.347	1.09E-02	4.90E-02	—	pCi/L	—	—	121726	GU04090WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	76.6	2.11E+01	1.70E+02	—	pCi/L	U	U	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.357	1.29E-02	3.90E-02	—	pCi/L	—	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/07/03	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-238	—	0.357	1.27E-02	3.30E-02	—	pCi/L	—	—	89799	GU03080WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	168	2.58E+01	2.81E+02	—	pCi/L	U	U	69065	GU02100WGRP01
Pajarito at Rio Grande	10/17/02	WS	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.361	1.61E-02	9.30E-02	—	pCi/L	—	—	69065	GU02100WGRP01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.06	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.06	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	0.725	—	—	7.25E-01	mg/L	U	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1.45	—	—	1.45E+00	mg/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	102	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	102	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12582
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
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
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
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	34.4	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.9	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	37.3	—	—	3.00E-02	mg/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.7	—	—	3.60E-02	mg/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	37.6	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	38.6	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12584
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
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	43.8	—	—	3.00E-02	mg/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.5	—	—	3.60E-02	mg/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.69	—	—	6.60E-02	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.68	—	—	6.60E-02	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.31	—	—	6.60E-02	mg/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.41	—	—	5.30E-02	mg/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.32	—	—	3.30E-02	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.37	—	—	3.30E-02	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.332	—	—	3.30E-02	mg/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	3.00E-02	mg/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	110	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	108	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	120	—	—	4.25E-01	mg/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	101	—	—	8.50E-02	mg/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	124	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	127	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12584
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
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	145	—	—	4.25E-01	mg/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	110	—	—	8.50E-02	mg/L	—	—	146888	GU05090PRGF01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.76	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.74	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.62	—	—	8.50E-02	mg/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.32	—	—	8.50E-02	mg/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	7.39	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.52	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12584
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
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.74	—	—	8.50E-02	mg/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.36	—	—	8.50E-02	mg/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0895	—	—	5.00E-02	mg/L	J	J	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0665	—	—	5.00E-02	mg/L	J	J	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.139	—	—	5.00E-02	mg/L	J	U	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.034	—	—	1.00E-02	mg/L	J	JN-	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.0379	—	—	1.70E-02	mg/L	J	U	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.0708	—	—	5.00E-02	ug/L	J	J	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0729	—	—	5.00E-02	ug/L	J	J	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0691	—	—	5.00E-02	ug/L	J	J	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0664	—	—	5.00E-02	ug/L	J	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.0635	—	—	5.00E-02	ug/L	J	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.21	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.2	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.05	—	—	5.00E-02	mg/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.65	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.84	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12584
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
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.87	—	—	5.00E-02	mg/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.13	—	—	5.00E-02	mg/L	—	—	146888	GU05090PRGF01
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
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
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
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.9	—	—	4.50E-02	mg/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12584
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
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.9	—	—	4.50E-02	mg/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	288	—	—	1.00E+00	uS/cm	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	286	—	—	1.00E+00	uS/cm	—	—	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	264	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	297	—	—	1.00E+00	uS/cm	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1.00E+00	uS/cm	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	37.5	—	—	2.00E-01	mg/L	—	—	10-55	CAWR-09-12586

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	37.7	—	—	2.00E-01	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	34.5	—	—	1.00E-01	mg/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	38.6	—	—	1.14E-01	mg/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	107	—	—	3.80E+00	mg/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	156	—	—	4.60E+00	mg/L	—	—	10-55	CAWR-09-12584
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
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
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
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.40E+00	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.40E+00	mg/L	—	—	10-55	CAWR-09-12582
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.503	—	—	3.30E-02	mg/L	—	J-	10-54	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.618	—	—	3.30E-02	mg/L	—	J-	10-54	CAWR-09-12584
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	3.72	—	—	6.60E-01	mg/L	—	—	10-54	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.73	—	—	6.60E-01	mg/L	—	—	10-54	CAWR-09-12584
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
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
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.33	—	—	1.00E-02	SU	H	J-	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J-	10-55	CAWR-09-12582
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
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
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
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	UJ	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	5790	—	—	6.80E+01	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	6390	—	—	6.80E+01	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4600	—	—	6.80E+01	ug/L	N	J+	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	6970	—	—	6.80E+01	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5160	—	—	6.80E+01	ug/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	5.4	—	—	1.50E+00	ug/L	—	U	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	3.2	—	—	1.50E+00	ug/L	J	J	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.24	—	—	1.50E+00	ug/L	J	J	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5.8	—	—	1.50E+00	ug/L	—	U	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6010B	Barium	—	55.3	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	55.5	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	55.6	—	—	1.00E+00	ug/L	E	J	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	73.4	—	—	1.00E+00	ug/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	63.2	—	—	1.00E+00	ug/L	—	—	146888	GF05090PRGF01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Barium	—	106	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	107	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	79.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	152	—	—	1.00E+00	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.8	—	—	1.00E+00	ug/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6010B	Boron	—	24.2	—	—	1.50E+01	ug/L	J	J	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	24.7	—	—	1.50E+01	ug/L	J	J	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	31.3	—	—	1.00E+01	ug/L	J	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	22.8	—	—	1.00E+01	ug/L	J	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Boron	—	27	—	—	1.50E+01	ug/L	J	J	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.8	—	—	1.50E+01	ug/L	J	J	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.2	—	—	1.00E+01	ug/L	J	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.9	—	—	1.00E+01	ug/L	J	—	146888	GU05090PRGF01
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6020	Chromium	—	6.74	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.18	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	10	—	—	1.00E+00	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Chromium	—	4.1	—	—	1.00E+00	ug/L	J	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6010B	Cobalt	—	1.81	—	—	1.00E+00	ug/L	J	J	10-55	CAWR-09-12586
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	2.4	—	—	1.00E+00	ug/L	J	U	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Cobalt	—	1.33	—	—	1.00E+00	ug/L	J	J	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.24	—	—	1.00E+00	ug/L	J	J	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.3	—	—	1.00E+00	ug/L	J	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1	—	—	1.00E+00	ug/L	J	—	146888	GU05090PRGF01
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Copper	—	3.01	—	—	3.00E+00	ug/L	J	J	10-55	CAWR-09-12587
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6010B	Iron	—	221	—	—	3.00E+01	ug/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	125	—	—	3.00E+01	ug/L	—	—	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	28.9	—	—	1.80E+01	ug/L	J	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Iron	—	4040	—	—	3.00E+01	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	4400	—	—	3.00E+01	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	3060	—	—	2.50E+01	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	4680	—	—	2.50E+01	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	2920	—	—	1.80E+01	ug/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15448

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6020	Lead	—	2.77	—	—	5.00E-01	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	2.86	—	—	5.00E-01	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	1.6	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	4.8	—	—	5.00E-01	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	2.2	—	—	5.00E-01	ug/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6010B	Manganese	—	6.66	—	—	2.00E+00	ug/L	J	J	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.4	—	—	2.00E+00	ug/L	J	J	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.5	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	17.9	—	—	2.00E+00	ug/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.3	—	—	2.00E+00	ug/L	J	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	125	—	—	2.00E+00	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	126	—	—	2.00E+00	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	69.6	—	—	2.00E+00	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	188	—	—	2.00E+00	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	89.1	—	—	2.00E+00	ug/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	4.79	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.56	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.7	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	8.7	—	—	2.00E+00	ug/L	J	U, J+	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4	—	—	2.00E+00	ug/L	J	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	4.7	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.87	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.9	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	8.2	—	—	2.00E+00	ug/L	J	U, J+	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.4	—	—	2.00E+00	ug/L	J	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6020	Nickel	—	1.37	—	—	5.00E-01	ug/L	J	J	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.83	—	—	5.00E-01	ug/L	J	J	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6020	Nickel	—	4.37	—	—	5.00E-01	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.46	—	—	5.00E-01	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.6	—	—	5.00E-01	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.8	—	—	5.00E-01	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3	—	—	5.00E-01	ug/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	16.6	—	—	5.30E-02	mg/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	16.7	—	—	5.30E-02	mg/L	—	—	10-55	CAWR-09-12582
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
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6010B	Strontium	—	256	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	249	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	249	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	297	—	—	1.00E+00	ug/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	248	—	—	1.00E+00	ug/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	271	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	284	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	264	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	339	—	—	1.00E+00	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	262	—	—	1.00E+00	ug/L	—	—	146888	GU05090PRGF01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6020	Uranium	—	1.62	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.61	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	ug/L	—	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.89	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.92	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	4.01	—	—	1.00E+00	ug/L	J	J	10-55	CAWR-09-12586
Rio Grande at Frijoles	09/30/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.77	—	—	1.00E+00	ug/L	J	J	10-55	CAWR-09-12582
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	J	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1.00E+00	ug/L	J	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1.00E+00	ug/L	J	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	12.9	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.9	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.2	—	—	1.00E+00	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	ug/L	—	—	146888	GU05090PRGF01
Rio Grande at Frijoles	10/01/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	2	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15448
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	12	—	—	3.30E+00	ug/L	—	—	10-55	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.4	—	—	3.30E+00	ug/L	—	—	10-55	CAWR-09-12584
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.4	—	—	2.00E+00	ug/L	—	—	09-20	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.7	—	—	2.00E+00	ug/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8.7	—	—	2.00E+00	ug/L	J	U	146888	GU05090PRGF01
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00559	1.30E-03	4.90E-02	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0215	3.13E-03	5.60E-02	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	2.17	4.00E-01	4.60E+00	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.14	3.67E-01	3.80E+00	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.606	4.00E-01	3.80E+00	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.989	3.30E-01	3.60E+00	—	pCi/L	U	U	10-56	CAWR-09-12584
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	—	6.95	5.67E-01	2.60E+00	—	pCi/L	—	—	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	6.91	5.67E-01	2.70E+00	—	pCi/L	—	—	10-56	CAWR-09-12584
Rio Grande at Frijoles	09/26/07	WS	F	CS	—	Rad	EPA:900	Gross beta	<	2.18	2.42E-01	2.22E+00	—	pCi/L	U	U	194654	GF070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	F	CS	—	Rad	EPA:900	Gross beta	<	2.54	2.74E-01	3.14E+00	—	pCi/L	U	U	146888	GF05090PRGF01
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:900	Gross beta	—	6.89	4.00E-01	2.50E+00	—	pCi/L	—	—	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	7.32	4.67E-01	3.20E+00	—	pCi/L	—	—	10-56	CAWR-09-12584
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	10.7	5.07E-01	3.34E+00	—	pCi/L	—	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	4.09	2.73E-01	2.89E+00	—	pCi/L	—	J	146888	GU05090PRGF01
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	7.21	6.67E+00	4.20E+01	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.3	6.33E+00	3.60E+01	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-3.58	4.00E+00	3.70E+01	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.4	2.90E+00	2.80E+01	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0	1.33E-03	3.30E-02	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00389	1.60E-03	3.30E-02	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00596	1.77E-03	3.20E-02	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00389	1.60E-03	3.20E-02	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	1.48	6.67E+00	4.00E+01	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.9	7.67E+00	3.30E+01	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	1.42	4.00E-01	4.50E+00	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.83	4.67E-01	3.50E+00	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0455	3.67E-02	3.60E-01	—	pCi/L	U	U	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0171	4.00E-02	4.10E-01	—	pCi/L	U	U	10-56	CAWR-09-12584
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Thorium-228	—	0.151	7.00E-03	5.60E-02	—	pCi/L	—	—	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.173	8.00E-03	4.40E-02	—	pCi/L	—	—	10-56	CAWR-09-12584
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Thorium-230	—	0.201	8.00E-03	7.00E-02	—	pCi/L	—	—	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-230	—	0.178	7.00E-03	5.60E-02	—	pCi/L	—	—	10-56	CAWR-09-12584
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Thorium-232	—	0.131	6.67E-03	3.30E-02	—	pCi/L	—	—	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.172	6.67E-03	2.60E-02	—	pCi/L	—	—	10-56	CAWR-09-12584
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.96	2.73E-02	7.30E-02	—	pCi/L	—	—	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.945	2.73E-02	7.80E-02	—	pCi/L	—	—	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Uranium-235/236	—	0.0526	4.67E-03	3.80E-02	—	pCi/L	—	—	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0781	5.67E-03	4.00E-02	—	pCi/L	—	—	10-56	CAWR-09-12584
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
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
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
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.639	1.97E-02	4.50E-02	—	pCi/L	—	—	10-56	CAWR-09-12587
Rio Grande at Frijoles	09/30/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.671	2.07E-02	4.80E-02	—	pCi/L	—	—	10-56	CAWR-09-12584
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
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
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
Rio Grande at Frijoles	09/30/09	WS	UF	CS	FB	Voa	SW-846:8260B	Chloroform	—	0.326	—	—	2.50E-01	ug/L	J	J	10-54	CAWR-09-12585
Rio Grande at Frijoles	10/01/08	WS	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	09-19	CAWR-08-15447
Rio Grande at Frijoles	09/26/07	WS	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	194654	GU070900PRGF01
Rio Grande at Frijoles	09/28/05	WS	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	—	ug/L	U	—	146888	GU05090PRGF01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	129	—	—	7.30E-01	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	129	—	—	7.30E-01	mg/L	—	—	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	132	—	—	7.25E-01	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	152	—	—	7.25E-01	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	110	—	—	1.45E+00	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	153	—	—	7.25E-01	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	33.7	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.7	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	38.1	—	—	3.00E-02	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	41.7	—	—	3.60E-02	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.9	—	—	3.60E-02	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	34.6	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.9	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12471
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
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	38.8	—	—	3.00E-02	mg/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	42.5	—	—	3.60E-02	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	36	—	—	3.60E-02	mg/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.44	—	—	6.60E-02	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.45	—	—	6.60E-02	mg/L	—	—	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.94	—	—	6.60E-02	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.6	—	—	6.60E-02	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3	—	—	5.30E-02	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	3.57	—	—	6.60E-02	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.645	—	—	3.30E-02	mg/L	—	J-	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.654	—	—	3.30E-02	mg/L	—	J-	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.532	—	—	3.30E-02	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.463	—	—	3.30E-02	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.321	—	—	3.00E-02	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.465	—	—	3.30E-02	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	89.7	—	—	3.50E-01	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	89.8	—	—	3.50E-01	mg/L	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	89.8	—	—	3.50E-01	mg/L	—	—	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	102	—	—	4.25E-01	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	8.50E-02	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91.5	—	—	2.00E-02	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	93	—	—	3.50E-01	mg/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	94.1	—	—	3.50E-01	mg/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	98.8	—	—	3.50E-01	mg/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	4.25E-01	mg/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	115	—	—	8.50E-02	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.9	—	—	2.00E-02	mg/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.37	—	—	8.50E-02	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.39	—	—	8.50E-02	mg/L	—	—	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.79	—	—	8.50E-02	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.23	—	—	8.50E-02	mg/L	—	—	171922	GF060800GSDS01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.76	—	—	8.50E-02	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.59	—	—	8.50E-02	mg/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.68	—	—	8.50E-02	mg/L	—	—	09-3314	CAWR-09-12471
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
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.98	—	—	8.50E-02	mg/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.28	—	—	8.50E-02	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.78	—	—	8.50E-02	mg/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.109	—	—	5.00E-02	ug/L	J	J	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.105	—	—	5.00E-02	ug/L	J	J	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0594	—	—	5.00E-02	ug/L	J	J	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0639	—	—	5.00E-02	ug/L	J	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.0909	—	—	5.00E-02	ug/L	J	—	171922	GF060800GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.122	—	—	5.00E-02	ug/L	J	—	140788	GF05070GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.21	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.2	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.64	—	—	5.00E-02	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.64	—	—	5.00E-02	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	—	—	09-3314	CAWR-09-12471
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
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.92	—	—	5.00E-02	mg/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	46.5	—	—	3.20E-02	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	46.6	—	—	3.20E-02	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	<	44.8	—	—	3.20E-02	mg/L	—	UJ	140788	GF05070GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	47.9	—	—	3.20E-02	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	<	43.9	—	—	3.20E-02	mg/L	—	UJ	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	20.5	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.3	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.9	—	—	4.50E-02	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.4	—	—	4.50E-02	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.2	—	—	4.50E-02	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	20.4	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.1	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12471
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
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.1	—	—	4.50E-02	mg/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.5	—	—	4.50E-02	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21	—	—	4.50E-02	mg/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	266	—	—	1.00E+00	uS/cm	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	204	—	—	1.00E+00	uS/cm	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	268	—	—	1.00E+00	uS/cm	—	—	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	275	—	—	1.00E+00	uS/cm	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	318	—	—	1.00E+00	uS/cm	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	269	—	—	1.00E+00	uS/cm	—	—	140788	GF05070GSDS01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	316	—	—	1.00E+00	uS/cm	—	—	171922	GU060800GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.27	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.22	—	—	1.00E-01	mg/L	—	—	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.55	—	—	1.00E-01	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.03	—	—	1.00E-01	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.77	—	—	5.70E-02	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.03	—	—	1.00E-01	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	13.5	—	—	1.40E+00	mg/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	13.2	—	—	2.30E+00	mg/L	—	—	09-3314	CAWR-09-12471
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
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
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
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
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.40E+00	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.40E+00	mg/L	—	—	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.38E+00	mg/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	225	—	—	2.38E+00	mg/L	—	—	171922	GF060800GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	230	—	—	2.38E+00	mg/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.38E+00	mg/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.772	—	—	3.30E-01	mg/L	J	J	09-3313	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.795	—	—	3.30E-01	mg/L	J	J	09-3313	CAWR-09-12471
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
Sacred Spring	09/19/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.26	—	—	3.30E-01	mg/L	—	—	194213	GU070900GSDS01
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
Sacred Spring	09/22/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J-	09-3314	CAWR-09-12472
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
Sacred Spring	09/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	1.00E-02	SU	H	J	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J	140788	GF05070GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J	171922	GU060800GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	168	—	—	6.80E+01	ug/L	J	J	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	196	—	—	6.80E+01	ug/L	J	J	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	835	—	—	6.80E+01	ug/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1190	—	—	6.80E+01	ug/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3830	—	—	6.80E+01	ug/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	668	—	—	6.80E+01	ug/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	118	—	—	6.80E+01	ug/L	J	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	140788	GU05070GSDS01
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.5	—	—	1.50E+00	ug/L	J	J	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.50E+00	ug/L	J	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.77	—	—	1.50E+00	ug/L	J	J	09-3314	CAWR-09-12471

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.8	—	—	1.50E+00	ug/L	J	J	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.9	—	—	1.50E+00	ug/L	J	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	88.2	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	89.4	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	82.6	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	86.8	—	—	1.00E+00	ug/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	115	—	—	1.00E+00	ug/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	99.2	—	—	1.00E+00	ug/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	95.2	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	97.2	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	103	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.1	—	—	1.00E+00	ug/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1.00E+00	ug/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.8	—	—	1.00E+00	ug/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	30.8	—	—	1.50E+01	ug/L	J	J	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.4	—	—	1.50E+01	ug/L	J	J	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	30.1	—	—	1.00E+01	ug/L	J	J	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.7	—	—	1.00E+01	ug/L	J	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.4	—	—	1.00E+01	ug/L	J	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	30.6	—	—	1.00E+01	ug/L	J	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	30.3	—	—	1.50E+01	ug/L	J	J	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	32.6	—	—	1.50E+01	ug/L	J	J	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	33.6	—	—	1.00E+01	ug/L	J	J	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.3	—	—	1.00E+01	ug/L	J	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	32	—	—	1.00E+01	ug/L	J	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	30	—	—	1.00E+01	ug/L	J	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	2.69	—	—	2.50E+00	ug/L	J	J	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.37	—	—	2.50E+00	ug/L	J	J	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	2	—	—	1.00E+00	ug/L	J	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.37	—	—	2.50E+00	ug/L	J	J	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.68	—	—	2.50E+00	ug/L	J	J	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.50E+00	ug/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	2.2	—	—	1.00E+00	ug/L	J	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	185	—	—	3.00E+01	ug/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	221	—	—	3.00E+01	ug/L	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	98.2	—	—	2.50E+01	ug/L	J	J	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	102	—	—	2.50E+01	ug/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	71.3	—	—	1.80E+01	ug/L	J	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	37.8	—	—	1.80E+01	ug/L	J	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	613	—	—	3.00E+01	ug/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	831	—	—	3.00E+01	ug/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2560	—	—	2.50E+01	ug/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	510	—	—	2.50E+01	ug/L	—	—	194213	GU070900GSDS01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	156	—	—	1.80E+01	ug/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	58.7	—	—	1.80E+01	ug/L	J	—	140788	GU05070GSDS01
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.512	—	—	5.00E-01	ug/L	J	J	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.4	—	—	5.00E-01	ug/L	J	J	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	195	—	—	2.00E+00	ug/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	197	—	—	2.00E+00	ug/L	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	194	—	—	2.00E+00	ug/L	—	—	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	191	—	—	2.00E+00	ug/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	124	—	—	2.00E+00	ug/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	64.6	—	—	2.00E+00	ug/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	219	—	—	2.00E+00	ug/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	225	—	—	2.00E+00	ug/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	258	—	—	2.00E+00	ug/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	194	—	—	2.00E+00	ug/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	132	—	—	2.00E+00	ug/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	70.3	—	—	2.00E+00	ug/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	1.00E-01	ug/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	1.00E-01	ug/L	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.44	—	—	1.00E-01	ug/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	1.00E-01	ug/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	ug/L	J	J	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	1	—	—	5.00E-01	ug/L	J	U	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.86	—	—	5.00E-01	ug/L	J	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.78	—	—	5.00E-01	ug/L	J	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	J	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.72	—	—	5.00E-01	ug/L	J	J	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2.7	—	—	5.00E-01	ug/L	—	U	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.91	—	—	5.00E-01	ug/L	J	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	45.8	—	—	5.30E-02	mg/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	46	—	—	5.30E-02	mg/L	—	—	09-3314	CAWR-09-12472
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	408	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	406	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	412	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	494	—	—	1.00E+00	ug/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	476	—	—	1.00E+00	ug/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	477	—	—	1.00E+00	ug/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	413	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	414	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	419	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	509	—	—	1.00E+00	ug/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	480	—	—	1.00E+00	ug/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	469	—	—	1.00E+00	ug/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.833	—	—	5.00E-02	ug/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.861	—	—	5.00E-02	ug/L	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.88	—	—	5.00E-02	ug/L	—	—	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.868	—	—	5.00E-02	ug/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.896	—	—	5.00E-02	ug/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.94	—	—	5.00E-02	ug/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	6.44	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.6	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1.00E+00	ug/L	J	J	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.1	—	—	1.00E+00	ug/L	—	U	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.5	—	—	1.00E+00	ug/L	—	—	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.4	—	—	1.00E+00	ug/L	—	—	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	7.27	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1.00E+00	ug/L	—	—	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1.00E+00	ug/L	—	—	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.4	—	—	1.00E+00	ug/L	—	U	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1.00E+00	ug/L	—	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.1	—	—	1.00E+00	ug/L	—	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	4.43	—	—	3.30E+00	ug/L	J	J	09-3314	CAWR-09-12477
Sacred Spring	09/22/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.52	—	—	3.30E+00	ug/L	J	J	09-3314	CAWR-09-12472
Sacred Spring	09/26/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.2	—	—	2.00E+00	ug/L	J	U	08-2030	CAWR-08-15460
Sacred Spring	09/19/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4	—	—	2.00E+00	ug/L	J	U	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	8	—	—	2.00E+00	ug/L	J	U	140788	GF05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	6.09	—	—	3.30E+00	ug/L	J	J	09-3314	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.65	—	—	3.30E+00	ug/L	J	J	09-3314	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8	—	—	2.00E+00	ug/L	J	U	08-2030	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.1	—	—	2.00E+00	ug/L	J	U	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.4	—	—	2.00E+00	ug/L	J	U	140788	GU05070GSDS01
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00683	1.77E-03	4.40E-02	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.4	5.00E-01	5.20E+00	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.07	4.33E-01	4.40E+00	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	2.29	3.00E-01	2.00E+00	—	pCi/L	—	U	09-3315	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.78	2.70E-01	2.00E+00	—	pCi/L	U	U	09-3315	CAWR-09-12471
Sacred Spring	09/19/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.23	3.13E-01	2.73E+00	—	pCi/L	—	J	194213	GF070900GSDS01
Sacred Spring	09/14/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.17	3.30E-01	2.84E+00	—	pCi/L	—	J	171922	GF060800GSDS01
Sacred Spring	07/13/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.04	2.71E-01	2.52E+00	—	pCi/L	—	J	140788	GF05070GSDS01
Sacred Spring	08/24/04	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.17	2.49E-01	2.23E+00	—	pCi/L	—	J	120020	GF04080GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	0.984	2.73E-01	2.80E+00	—	pCi/L	U	U	09-3315	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.62	3.23E-01	2.10E+00	—	pCi/L	—	—	09-3315	CAWR-09-12471
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.12	2.73E-01	2.52E+00	—	pCi/L	U	U	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.39	1.20E-01	1.13E+00	—	pCi/L	—	J	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.2	2.98E-01	2.78E+00	—	pCi/L	—	J	140788	GU05070GSDS01
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	330	3.33E+01	1.70E+02	—	pCi/L	—	—	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	29	4.67E+00	3.30E+01	—	pCi/L	U	U	09-3315	CAWR-09-12471

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00383	1.27E-03	3.20E-02	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00382	1.57E-03	3.10E-02	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11	6.00E+00	5.90E+01	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.222	5.00E-01	4.80E+00	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.229	3.67E-02	3.30E-01	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
Sacred Spring	07/23/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.00661	5.17E-03	1.06E-01	—	pCi/L	U	U	84883	GF03070GSDS01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Sacred Spring	06/25/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0132	4.03E-03	4.15E-02	—	pCi/L	U	U	62811	GF02060GSDS01
Sacred Spring	06/25/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-228	—	0.0582	6.23E-03	5.28E-02	—	pCi/L	—	—	62710	GF02060GSDS01
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0266	4.33E-03	7.30E-02	—	pCi/L	U	U	09-3315	CAWR-09-12471
Sacred Spring	07/23/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0513	4.53E-03	1.67E-01	—	pCi/L	—	U	84883	GF03070GSDS01
Sacred Spring	06/25/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	—	0.0323	3.23E-03	2.00E-02	—	pCi/L	—	J	62811	GF02060GSDS01
Sacred Spring	06/25/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-230	—	0.059	4.60E-03	2.76E-02	—	pCi/L	—	—	62710	GF02060GSDS01
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0296	3.03E-03	9.30E-02	—	pCi/L	U	U	09-3315	CAWR-09-12471
Sacred Spring	07/23/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00221	1.90E-03	4.80E-02	—	pCi/L	U	U	84883	GF03070GSDS01
Sacred Spring	06/25/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.0043	1.44E-03	1.58E-02	—	pCi/L	U	U	62811	GF02060GSDS01
Sacred Spring	06/25/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-232	<	-0.00211	1.22E-03	1.96E-02	—	pCi/L	U	—	62710	GF02060GSDS01
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0128	2.33E-03	4.40E-02	—	pCi/L	U	U	09-3315	CAWR-09-12471
Sacred Spring	09/22/09	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.35123	9.58E-02	2.87E-01	—	pCi/L	—	U	09-3316	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3316	CAWR-09-12471
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
Sacred Spring	09/19/07	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.98983	9.58E-02	2.87E-01	—	pCi/L	—	—	2403	UU070900GSDS01
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.603	2.03E-02	9.80E-02	—	pCi/L	—	—	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0205	3.27E-03	5.00E-02	—	pCi/L	U	U	09-3315	CAWR-09-12471
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
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
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
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
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.401	1.50E-02	6.00E-02	—	pCi/L	—	—	09-3315	CAWR-09-12471
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
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
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
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
Sacred Spring	09/22/09	WG	UF	CS	FB	Svoa	SW-846:8270C	Benzo(g,h,i)perylene	—	0.478	—	—	2.20E-01	ug/L	J	J	09-3313	CAWR-09-12474
Sacred Spring	09/26/08	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(g,h,i)perylene	<	1.05	—	—	2.10E-01	ug/L	U	U	08-2029	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(g,h,i)perylene	<	1.12	—	—	2.25E-01	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(g,h,i)perylene	<	1.02	—	—	2.04E-01	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(g,h,i)perylene	<	0.98	—	—	—	ug/L	U	UJ	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FB	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	—	2.09	—	—	2.20E-01	ug/L	—	J	09-3313	CAWR-09-12474

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Sacred Spring	09/26/08	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	<	1.05	—	—	2.10E-01	ug/L	U	U	08-2029	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	<	1.12	—	—	2.25E-01	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	<	1.02	—	—	2.04E-01	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Svoa	SW-846:8270C	Dibenz(a,h)anthracene	<	0.98	—	—	—	ug/L	U	UJ	140788	GU05070GSDS01
Sacred Spring	09/26/08	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.5	—	—	2.10E+00	ug/L	U	U	08-2029	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	11.2	—	—	2.25E+00	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.2	—	—	2.04E+00	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	9.8	—	—	—	ug/L	U	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FB	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	—	0.605	—	—	2.20E-01	ug/L	J	J	09-3313	CAWR-09-12474
Sacred Spring	09/26/08	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.05	—	—	2.10E-01	ug/L	U	U	08-2029	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.12	—	—	2.25E-01	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.02	—	—	2.04E-01	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	0.98	—	—	—	ug/L	U	UJ	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Voa	SW-846:8260B	Acetone	—	4.74	—	—	3.50E+00	ug/L	J	J	09-3313	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	4.15	—	—	3.50E+00	ug/L	J	J	09-3313	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.50E+00	ug/L	U	UJ	08-2029	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	ug/L	U	UJ	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	2.83	—	—	1.25E+00	ug/L	J	J-, U	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	—	ug/L	U	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	—	0.327	—	—	2.50E-01	ug/L	J	J	09-3313	CAWR-09-12476
Sacred Spring	09/22/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	—	0.281	—	—	2.50E-01	ug/L	J	J	09-3313	CAWR-09-12471
Sacred Spring	09/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	U	08-2029	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	U	08-2029	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	—	ug/L	U	—	140788	GU05070GSDS01
Sacred Spring	09/22/09	WG	UF	CS	FD	Voa	SW-846:8260B	Toluene	—	0.457	—	—	2.50E-01	ug/L	J	J	09-3313	CAWR-09-12476
Sacred Spring	09/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.261	—	—	2.50E-01	ug/L	J	J	08-2029	CAWR-08-15456
Sacred Spring	09/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.602	—	—	2.50E-01	ug/L	J	—	194213	GU070900GSDS01
Sacred Spring	09/14/06	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	—	171922	GU060800GSDS01
Sacred Spring	07/13/05	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	—	ug/L	U	—	140788	GU05070GSDS01
Sandia Spring	04/23/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	uS/cm	—	—	09-1598	CAWR-09-7932
Sandia Spring	09/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	08-2023	CAWR-08-15467
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	uS/cm	—	—	194180	GF070900GSSW01
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	uS/cm	—	—	171922	GF060900GSSW01
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	171922	GU060900GSSW01
Sandia Spring	04/23/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	09-1598	CAWR-09-7932
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
Sandia Spring	09/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J	194180	GF070900GSSW01
Sandia Spring	09/14/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J	171922	GF060900GSSW01
Sandia Spring	09/14/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.4	—	—	1.00E-02	SU	H	J	171922	GU060900GSSW01
Sandia Spring	09/23/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3326	CAWR-09-12481
Sandia Spring	04/23/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	09-1646	CAWR-09-7931
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
Sandia Spring	09/18/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.3193	9.58E-02	2.87E-01	—	pCi/L	—	U	2403	UU070900GSSW01
Spring 1	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	218	—	—	1.00E+00	uS/cm	—	—	08-2041	CAWR-08-15469
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	216	—	—	1.00E+00	uS/cm	—	—	194451	GF070900G1SW01
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	172166	GF060900G1SW01
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	146657	GF05090G1SW01
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	uS/cm	—	—	172166	GU060900G1SW01
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 1	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.24	—	—	1.00E-02	SU	H	J	194451	GF070900G1SW01
Spring 1	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J	172166	GF060900G1SW01
Spring 1	09/26/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.44	—	—	1.00E-02	SU	H	J	146657	GF05090G1SW01
Spring 1	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J	172166	GU060900G1SW01
Spring 2	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1.00E+00	uS/cm	—	—	08-2041	CAWR-08-15473
Spring 2	04/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	296	—	—	1.00E+00	uS/cm	—	—	08-1082	CAWR-08-12091
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	288	—	—	1.00E+00	uS/cm	—	—	194451	GF070900G2SW01
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	274	—	—	1.00E+00	uS/cm	—	—	185674	GF070400G2SW01
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
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
Spring 2	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J	194451	GF070900G2SW01
Spring 2	05/07/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	1.00E-02	SU	H	J	185674	GF070400G2SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.6	—	—	7.25E-01	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.5	—	—	7.25E-01	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.4	—	—	3.00E-02	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	3.60E-02	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12496
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
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
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	3.00E-02	mg/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.5	—	—	3.60E-02	mg/L	—	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.56	—	—	6.60E-02	mg/L	—	—	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.56	—	—	6.60E-02	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.85	—	—	6.60E-02	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.543	—	—	3.30E-02	mg/L	—	—	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.395	—	—	3.30E-02	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.419	—	—	3.30E-02	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	62.9	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	67.5	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	67.1	—	—	4.30E-01	mg/L	—	—	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.5	—	—	4.25E-01	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	62.8	—	—	4.40E-01	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.4	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.7	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.4	—	—	4.30E-01	mg/L	—	—	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.3	—	—	4.25E-01	mg/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67.1	—	—	4.40E-01	mg/L	—	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.87	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12497
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.99	—	—	8.50E-02	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.89	—	—	8.50E-02	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.85	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12496
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
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
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.06	—	—	8.50E-02	mg/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.03	—	—	8.50E-02	mg/L	—	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.41	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12497
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
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
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
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
Spring 3	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.448	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.482	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.44	—	—	5.00E-02	ug/L	—	J	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.44	—	—	5.00E-02	ug/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185264	GF070400G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.458	—	—	5.00E-02	ug/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.88	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	5.00E-02	mg/L	E	J	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.94	—	—	5.00E-02	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.87	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12496
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
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
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	E	J	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.19	—	—	5.00E-02	mg/L	—	—	185264	GU070400G3SW01
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	50	—	—	3.20E-02	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	47	—	—	3.20E-02	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	4.50E-02	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12496
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
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
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	4.50E-02	mg/L	—	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	uS/cm	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	197	—	—	1.00E+00	uS/cm	—	—	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	191	—	—	1.00E+00	uS/cm	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1.00E+00	uS/cm	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.61	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.59	—	—	1.00E-01	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.99	—	—	1.00E-01	mg/L	—	—	185264	GF070400G3SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3	09/28/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.8	—	—	1.10E+00	mg/L	J	J	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5.75	—	—	1.30E+00	mg/L	U	U	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	10.4	—	—	2.28E+00	mg/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	2.28	—	—	2.28E+00	mg/L	U	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.38E+00	mg/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	159	—	—	2.38E+00	mg/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.652	—	—	3.30E-01	mg/L	J	J	10-54	CAWR-09-12496
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
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
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
Spring 3	04/30/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.217	—	—	3.30E-01	mg/L	—	—	185264	GU070400G3SW01
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
Spring 3	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	10-55	CAWR-09-12497
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
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
Spring 3	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	1.00E-02	SU	H	J	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J	185264	GF070400G3SW01
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	UJ	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	111	—	—	6.80E+01	ug/L	J	J	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN	UJ	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	506	—	—	6.80E+01	ug/L	—	—	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	641	—	—	6.80E+01	ug/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.22	—	—	1.50E+00	ug/L	J	J	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.1	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.2	—	—	1.50E+00	ug/L	J	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	185264	GF070400G3SW01
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.7	—	—	1.50E+00	ug/L	J	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44.8	—	—	1.00E+00	ug/L	E	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.1	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44.6	—	—	1.00E+00	ug/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45	—	—	1.00E+00	ug/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.7	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	44.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.1	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.6	—	—	1.00E+00	ug/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	48	—	—	1.00E+00	ug/L	—	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.1	—	—	1.50E+01	ug/L	J	J	10-55	CAWR-09-12497

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	25.4	—	—	1.00E+01	ug/L	J	U	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.9	—	—	1.00E+01	ug/L	J	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21	—	—	1.00E+01	ug/L	J	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.9	—	—	1.50E+01	ug/L	J	J	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	24.7	—	—	1.00E+01	ug/L	J	U	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.6	—	—	1.00E+01	ug/L	J	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.5	—	—	1.00E+01	ug/L	J	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.89	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.7	—	—	2.50E+00	ug/L	J	J	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.00E+00	ug/L	—	JN-	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.9	—	—	1.00E+00	ug/L	—	U	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.31	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	2.50E+00	ug/L	J	J	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.00E+00	ug/L	—	JN-	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7	—	—	1.00E+00	ug/L	—	U	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	235	—	—	3.00E+01	ug/L	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	54.7	—	—	2.50E+01	ug/L	J	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	111	—	—	3.00E+01	ug/L	—	—	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	380	—	—	2.50E+01	ug/L	—	—	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	517	—	—	2.50E+01	ug/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	28.4	—	—	1.80E+01	ug/L	J	U	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.9	—	—	2.00E+00	ug/L	J	J+, U	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2.00E+00	ug/L	J	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.5	—	—	2.00E+00	ug/L	J	U, J+	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.7	—	—	2.00E+00	ug/L	J	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.529	—	—	5.00E-01	ug/L	J	J	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.661	—	—	5.00E-01	ug/L	J	J	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.72	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	ug/L	J	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.2	—	—	5.30E-02	mg/L	—	—	10-55	CAWR-09-12497

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	220	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	256	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	236	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	240	—	—	1.00E+00	ug/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	231	—	—	1.00E+00	ug/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	223	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	242	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.1	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	240	—	—	1.00E+00	ug/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	246	—	—	1.00E+00	ug/L	—	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.378	—	—	3.00E-01	ug/L	J	J	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.58	—	—	3.00E-01	ug/L	J	U	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.66	—	—	4.00E-01	ug/L	J	U	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.606	—	—	3.00E-01	ug/L	J	J	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.81	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.88	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	185264	GU070400G3SW01
Spring 3	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.6	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12497
Spring 3	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15481
Spring 3	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	16.3	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12095
Spring 3	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.2	—	—	1.00E+00	ug/L	—	—	194647	GF070900G3SW01
Spring 3	04/30/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14	—	—	1.00E+00	ug/L	—	—	185264	GF070400G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12496
Spring 3	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.1	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15484
Spring 3	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.9	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15	—	—	1.00E+00	ug/L	—	—	194647	GU070900G3SW02
Spring 3	04/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.4	—	—	1.00E+00	ug/L	—	—	185264	GU070400G3SW01
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000641	6.00E-04	3.10E-02	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.42	4.33E-01	4.60E+00	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.672	4.67E-01	4.50E+00	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.58	2.80E-01	3.20E+00	—	pCi/L	U	U	10-56	CAWR-09-12496
Spring 3	09/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.92	2.99E-01	2.86E+00	—	pCi/L	U	U	194647	GF070900G3SW01
Spring 3	09/18/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.65	3.83E-01	3.41E+00	—	pCi/L	—	J	172500	GF060900G3SW01
Spring 3	09/26/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.11	2.26E-01	2.35E+00	—	pCi/L	—	J	146887	GF05090G3SW01
Spring 3	09/13/04	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.36	1.35E-01	1.24E+00	—	pCi/L	—	J	121724	GF04090G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.48	2.63E-01	2.10E+00	—	pCi/L	—	—	10-56	CAWR-09-12496
Spring 3	09/24/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.78	3.23E-01	2.81E+00	—	pCi/L	—	J	194647	GU070900G3SW02
Spring 3	09/18/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.32	5.27E-01	4.82E+00	—	pCi/L	—	J	172500	GU060900G3SW01
Spring 3	09/26/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.45	2.53E-01	2.57E+00	—	pCi/L	—	J	146887	GU05090G3SW01
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	99.1	9.00E+00	7.10E+01	—	pCi/L	—	—	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.21	4.00E+00	3.60E+01	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.33E-04	2.60E-02	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00157	5.33E-04	2.50E-02	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.13	5.67E+00	6.10E+01	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.41	4.67E-01	4.10E+00	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.279	5.00E-02	5.00E-01	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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
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
Spring 3	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.00163	7.03E-03	1.15E-01	—	pCi/L	U	—	89802	GF03080G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00453	4.33E-03	4.60E-02	—	pCi/L	U	U	10-56	CAWR-09-12496
Spring 3	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.116	7.30E-03	2.13E-01	—	pCi/L	U	—	89802	GF03080G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0286	2.93E-03	5.80E-02	—	pCi/L	U	U	10-56	CAWR-09-12496
Spring 3	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00236	2.04E-03	5.30E-02	—	pCi/L	U	—	89802	GF03080G3SW01
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00781	2.13E-03	2.70E-02	—	pCi/L	U	U	10-56	CAWR-09-12496
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.1	3.07E-02	7.70E-02	—	pCi/L	—	—	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0838	5.67E-03	4.00E-02	—	pCi/L	—	—	10-56	CAWR-09-12496
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
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
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
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
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.649	2.00E-02	4.70E-02	—	pCi/L	—	—	10-56	CAWR-09-12496
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
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
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
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
Spring 3	09/28/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.599	—	—	3.00E-01	ug/L	J	J	10-17	CAWR-09-12499
Spring 3	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	08-2044	CAWR-08-15482
Spring 3	04/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1047	CAWR-08-12093
Spring 3	09/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194557	GU070900G3SW01
Spring 3	04/30/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	185264	GU070400G3SW01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.8	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.4	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80	—	—	7.25E-01	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.8	—	—	7.25E-01	mg/L	—	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.023	—	—	1.60E-02	mg/L	J	J-	10-42	CAWR-09-12505
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12501
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
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
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	3.00E-02	mg/L	—	—	194647	GU070900GA3S02

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.91	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.91	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.8	—	—	6.60E-02	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.94	—	—	6.60E-02	mg/L	—	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.557	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.563	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.366	—	—	3.30E-02	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.416	—	—	3.30E-02	mg/L	—	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	61.6	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.9	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.8	—	—	4.30E-01	mg/L	—	—	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.9	—	—	4.25E-01	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	62.1	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	4.30E-01	mg/L	—	—	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.7	—	—	4.25E-01	mg/L	—	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.8	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.79	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.85	—	—	8.50E-02	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.9	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.8	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12501
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
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
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.89	—	—	8.50E-02	mg/L	—	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.05	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.08	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12500
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
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
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
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
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.435	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.459	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.487	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.43	—	—	5.00E-02	ug/L	—	J	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.438	—	—	5.00E-02	ug/L	—	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.437	—	—	5.00E-02	ug/L	—	—	185264	GF070400GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.76	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.83	—	—	5.00E-02	mg/L	E	J	194647	GF070900GA3S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3A	09/28/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.89	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12501
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
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
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	5.00E-02	mg/L	E	J	194647	GU070900GA3S02
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	50.4	—	—	3.20E-02	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	48.5	—	—	3.20E-02	mg/L	—	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	16.1	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	4.50E-02	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15491
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
Spring 3A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	4.50E-02	mg/L	—	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	192	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	193	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	190	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1.00E+00	uS/cm	—	—	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1.00E+00	uS/cm	—	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	5.16	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.19	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.92	—	—	1.00E-01	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.06	—	—	1.00E-01	mg/L	—	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	159	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.38E+00	mg/L	—	—	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.38E+00	mg/L	—	—	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.86	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12500
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
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
Spring 3A	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J	194647	GF070900GA3S01
Spring 3A	04/30/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	1.00E-02	SU	H	J	185264	GF070400GA3S01
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.50E+00	ug/L	J	J	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.97	—	—	1.50E+00	ug/L	J	J	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.6	—	—	1.50E+00	ug/L	J	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	2.34	—	—	1.50E+00	ug/L	J	J	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.53	—	—	1.50E+00	ug/L	J	J	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1048	CAWR-08-12098

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.5	—	—	1.50E+00	ug/L	J	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	31	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.8	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.6	—	—	1.00E+00	ug/L	E	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.7	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.5	—	—	1.00E+00	ug/L	—	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	31.9	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.7	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.6	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.4	—	—	1.00E+00	ug/L	—	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	17.4	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.7	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	23.2	—	—	1.00E+01	ug/L	J	U	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.6	—	—	1.00E+01	ug/L	J	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	17.5	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	21.6	—	—	1.00E+01	ug/L	J	U	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.4	—	—	1.00E+01	ug/L	J	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	5.55	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.73	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	2.50E+00	ug/L	J	J	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.00E+00	ug/L	J	JN-	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	4.65	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.37	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.1	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	2.50E+00	ug/L	J	J	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.00E+00	ug/L	J	JN-	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.7	—	—	2.00E+00	ug/L	J	J+, U	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1	—	—	1.00E-01	ug/L	—	U	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.9	—	—	2.00E+00	ug/L	J	J+, U	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.521	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.548	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.802	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.58	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GU070900GA3S02

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6020	Selenium	—	1.03	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12507
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.1	—	—	1.00E+00	ug/L	J	J	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	47.4	—	—	5.30E-02	mg/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.2	—	—	5.30E-02	mg/L	—	—	10-42	CAWR-09-12500
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
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
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	236	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	227	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	243	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	221	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	231	—	—	1.00E+00	ug/L	—	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	238	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	232	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	236	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	220	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	229	—	—	1.00E+00	ug/L	—	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.55	—	—	3.00E-01	ug/L	J	J	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.349	—	—	3.00E-01	ug/L	J	J	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	1.35	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.43	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.41	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.39	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	194647	GU070900GA3S02
Spring 3A	09/28/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	13.7	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12505
Spring 3A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.5	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12500
Spring 3A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.7	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15492
Spring 3A	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.4	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12096
Spring 3A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.8	—	—	1.00E+00	ug/L	—	—	194647	GF070900GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	13.9	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.7	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12501
Spring 3A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.1	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15491
Spring 3A	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.2	—	—	1.00E+00	ug/L	—	—	08-1048	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.7	—	—	1.00E+00	ug/L	—	—	194647	GU070900GA3S02
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.0112	1.83E-03	3.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00255	7.00E-04	3.20E-02	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-0.623	5.00E-01	4.90E+00	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.81	6.33E-01	5.20E+00	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	1.28	5.00E-01	5.30E+00	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.23	5.33E-01	5.90E+00	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	1.37	2.40E-01	2.20E+00	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.26	2.93E-01	2.40E+00	—	pCi/L	U	U	10-43	CAWR-09-12501
Spring 3A	09/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	-1.65	2.72E-01	2.97E+00	—	pCi/L	U	U	194647	GF070900GA3S01
Spring 3A	09/18/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.41	3.57E-01	3.38E+00	—	pCi/L	U	U	172500	GF060900GA3S01
Spring 3A	09/26/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.9	2.24E-01	2.24E+00	—	pCi/L	—	J	146887	GF05090GA3S01
Spring 3A	09/13/04	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.22	1.33E-01	1.23E+00	—	pCi/L	—	J	121724	GF04090GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	5.81	3.67E-01	2.60E+00	—	pCi/L	—	—	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.46	3.33E-01	2.70E+00	—	pCi/L	—	—	10-43	CAWR-09-12501
Spring 3A	09/24/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.82	2.75E-01	2.22E+00	—	pCi/L	—	J	194647	GU070900GA3S02
Spring 3A	09/18/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.03	3.43E-01	2.99E+00	—	pCi/L	—	J	172500	GU060900GA3S01
Spring 3A	09/26/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.23	2.66E-01	2.86E+00	—	pCi/L	—	J	146887	GU05090GA3S01
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	95.7	1.53E+01	8.00E+01	—	pCi/L	—	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	121	1.10E+01	9.00E+01	—	pCi/L	—	—	10-43	CAWR-09-12501
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	22	4.33E+00	4.20E+01	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.12	4.00E+00	4.10E+01	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.0017	8.00E-04	2.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.67E-04	2.90E-02	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.0017	5.67E-04	2.70E-02	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00174	8.33E-04	2.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-10.1	6.33E+00	6.80E+01	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.354	6.67E+00	6.90E+01	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.821	4.67E-01	5.00E+00	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.02	5.00E-01	5.30E+00	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.196	2.57E-02	2.70E-01	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00487	3.67E-02	4.30E-01	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
Spring 3A	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.00766	3.32E-03	7.90E-02	—	pCi/L	U	U	89802	GF03080GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Thorium-228	<	0.0044	3.33E-03	6.70E-02	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0112	3.33E-03	6.40E-02	—	pCi/L	U	U	10-43	CAWR-09-12501
Spring 3A	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0605	4.30E-03	1.46E-01	—	pCi/L	U	U	89802	GF03080GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Thorium-230	<	-0.00809	1.13E-03	8.40E-02	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.000906	1.20E-03	8.00E-02	—	pCi/L	U	U	10-43	CAWR-09-12501
Spring 3A	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00911	1.66E-03	3.60E-02	—	pCi/L	U	U	89802	GF03080GA3S01
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Thorium-232	<	-0.0053	1.40E-03	4.00E-02	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00412	1.50E-03	3.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.824	2.53E-02	1.00E-01	—	pCi/L	—	—	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.905	2.77E-02	1.00E-01	—	pCi/L	—	—	10-43	CAWR-09-12501
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
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
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
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
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0317	4.00E-03	5.20E-02	—	pCi/L	U	U	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.018	4.00E-03	5.30E-02	—	pCi/L	U	U	10-43	CAWR-09-12501
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
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
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
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
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.496	1.73E-02	6.20E-02	—	pCi/L	—	—	10-43	CAWR-09-12507
Spring 3A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.501	1.77E-02	6.30E-02	—	pCi/L	—	—	10-43	CAWR-09-12501
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
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
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
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
Spring 3A	09/28/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.892	—	—	3.00E-01	ug/L	J	J	10-17	CAWR-09-12503

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3A	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	08-2044	CAWR-08-15489
Spring 3A	04/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1047	CAWR-08-12098
Spring 3A	09/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194557	GU070900GA3S01
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.2	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	7.25E-01	mg/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.6	—	—	7.25E-01	mg/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.2	—	—	1.45E+00	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.7	—	—	7.25E-01	mg/L	—	—	172500	GU060900GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.026	—	—	1.60E-02	mg/L	J	J-	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	146887	GF05090GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	172500	GU060900GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.3	—	—	3.00E-02	mg/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	3.60E-02	mg/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	3.60E-02	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.8	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12509
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
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	3.00E-02	mg/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.60E-02	mg/L	—	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.60E-02	mg/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.34	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.27	—	—	6.60E-02	mg/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	6.60E-02	mg/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.38	—	—	5.30E-02	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.43	—	—	6.60E-02	mg/L	—	—	172500	GU060900GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.538	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.377	—	—	3.30E-02	mg/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.419	—	—	3.30E-02	mg/L	—	U	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.418	—	—	3.00E-02	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.419	—	—	3.30E-02	mg/L	—	U	172500	GU060900GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.1	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.4	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.1	—	—	4.25E-01	mg/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.7	—	—	8.50E-02	mg/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45	—	—	8.50E-02	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.7	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.5	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	4.25E-01	mg/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.5	—	—	8.50E-02	mg/L	—	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	8.50E-02	mg/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.307	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.304	—	—	8.50E-02	mg/L	—	—	194647	GF070900GAA301

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.275	—	—	8.50E-02	mg/L	J	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.276	—	—	8.50E-02	mg/L	J	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.392	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12509
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
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.327	—	—	8.50E-02	mg/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.292	—	—	8.50E-02	mg/L	J	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.398	—	—	8.50E-02	mg/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.396	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.0636	—	—	1.00E-02	mg/L	—	U	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.413	—	—	1.00E-02	mg/L	—	J	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.281	—	—	1.40E-02	mg/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.285	—	—	1.70E-02	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.334	—	—	1.40E-02	mg/L	—	—	172500	GU060900GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.434	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.468	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.434	—	—	5.00E-02	ug/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172500	GF060900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.428	—	—	5.00E-02	ug/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146887	GF05090GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.424	—	—	5.00E-02	ug/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.87	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	5.00E-02	mg/L	E	J	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.73	—	—	5.00E-02	mg/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.98	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	5.00E-02	mg/L	E	J	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.78	—	—	5.00E-02	mg/L	—	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.82	—	—	5.00E-02	mg/L	—	—	146887	GU05090GAA301
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41.6	—	—	3.20E-02	mg/L	—	—	194647	GF070900GAA301
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
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.4	—	—	3.20E-02	mg/L	—	—	146887	GF05090GAA301
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
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	45	—	—	3.20E-02	mg/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.6	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	4.50E-02	mg/L	E	J	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	4.50E-02	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12509
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
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	4.50E-02	mg/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	4.50E-02	mg/L	E	J	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	4.50E-02	mg/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	173	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	170	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1.00E+00	uS/cm	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1.00E+00	uS/cm	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	uS/cm	—	—	146887	GF05090GAA301

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1.00E+00	uS/cm	—	—	172500	GU060900GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.48	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	1.00E-01	mg/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.42	—	—	1.00E-01	mg/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.58	—	—	5.70E-02	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.41	—	—	1.00E-01	mg/L	—	—	172500	GU060900GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	5.2	—	—	1.10E+00	mg/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5.81	—	—	1.30E+00	mg/L	U	U	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	5.4	—	—	1.14E+00	mg/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.43	—	—	1.43E+00	mg/L	U	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	17.1	—	—	1.04E+00	mg/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.38E+00	mg/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.38E+00	mg/L	—	—	172500	GU060900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	122	—	—	2.38E+00	mg/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.38E+00	mg/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12508
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
Spring 3AA	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	1.00E-02	SU	H	J	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.13	—	—	1.00E-02	SU	H	J	146887	GF05090GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J	172500	GU060900GAA301
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	UJ	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	447	—	—	6.80E+01	ug/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN	UJ	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	97.2	—	—	6.80E+01	ug/L	J	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	684	—	—	6.80E+01	ug/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.4	—	—	1.50E+00	ug/L	J	J	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.6	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	ug/L	J	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.52	—	—	1.50E+00	ug/L	J	J	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	ug/L	J	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.16	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.5	—	—	1.00E+00	ug/L	E	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.8	—	—	1.00E+00	ug/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.1	—	—	1.00E+00	ug/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9	—	—	1.00E+00	ug/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.5	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15486

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1.00E+00	ug/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9	—	—	1.00E+00	ug/L	—	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.8	—	—	1.00E+00	ug/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.4	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24.2	—	—	1.00E+01	ug/L	J	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	10	—	—	1.00E+01	ug/L	U	UJ	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.2	—	—	1.00E+01	ug/L	J	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.4	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.7	—	—	1.00E+01	ug/L	J	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	10	—	—	1.00E+01	ug/L	U	UJ	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.7	—	—	1.00E+01	ug/L	J	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.07	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.5	—	—	1.00E+00	ug/L	J	JN-	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	7.3	—	—	1.00E+00	ug/L	—	U	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.9	—	—	1.00E+00	ug/L	J	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.89	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	1.00E+00	ug/L	J	JN-	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7.3	—	—	1.00E+00	ug/L	—	U	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	6.2	—	—	1.00E+00	ug/L	—	—	146887	GU05090GAA301
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	268	—	—	3.00E+01	ug/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	77.5	—	—	2.50E+01	ug/L	J	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	32.7	—	—	1.80E+01	ug/L	J	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	417	—	—	1.80E+01	ug/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.8	—	—	2.00E+00	ug/L	J	J+, U	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2.00E+00	ug/L	J	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146887	GU05090GAA301
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.561	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	5.00E-01	ug/L	—	—	172500	GU060900GAA301

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.72	—	—	5.00E-01	ug/L	J	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.3	—	—	5.30E-02	mg/L	—	—	10-42	CAWR-09-12508
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
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	154	—	—	1.00E+00	ug/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1.00E+00	ug/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	163	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1.00E+00	ug/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.15	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.26	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.2	—	—	5.00E-02	ug/L	—	—	146887	GU05090GAA301
Spring 3AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.4	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12508
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.5	—	—	1.00E+00	ug/L	—	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.2	—	—	1.00E+00	ug/L	—	—	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.8	—	—	1.00E+00	ug/L	—	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.5	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15	—	—	1.00E+00	ug/L	—	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.3	—	—	1.00E+00	ug/L	—	—	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.3	—	—	1.00E+00	ug/L	—	—	146887	GU05090GAA301
Spring 3AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.2	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15488
Spring 3AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.7	—	—	2.00E+00	ug/L	J	U	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	146887	GF05090GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.2	—	—	3.30E+00	ug/L	—	—	10-42	CAWR-09-12509
Spring 3AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15486
Spring 3AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2.00E+00	ug/L	J	—	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	7.2	—	—	2.00E+00	ug/L	J	U	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	146887	GU05090GAA301
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000905	6.67E-04	3.50E-02	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.992	4.00E-01	4.30E+00	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0575	4.00E-01	3.80E+00	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.1	3.33E-01	3.00E+00	—	pCi/L	U	U	10-43	CAWR-09-12509
Spring 3AA	09/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.24	2.81E-01	2.61E+00	—	pCi/L	U	U	194647	GF070900GAA301
Spring 3AA	09/18/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.45	4.50E-01	4.04E+00	—	pCi/L	—	J	172500	GF060900GAA301
Spring 3AA	09/26/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.53	2.53E-01	2.86E+00	—	pCi/L	U	U	146887	GF05090GAA301
Spring 3AA	10/06/03	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.07	1.23E-01	1.14E+00	—	pCi/L	—	J	89802	GF03080GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.18	3.67E-01	2.70E+00	—	pCi/L	—	—	10-43	CAWR-09-12509
Spring 3AA	09/24/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.26	3.01E-01	2.83E+00	—	pCi/L	U	U	194647	GU070900GAA301
Spring 3AA	09/18/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.49	3.00E-01	2.79E+00	—	pCi/L	U	U	172500	GU060900GAA301
Spring 3AA	09/26/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.98	2.35E-01	2.43E+00	—	pCi/L	—	J	146887	GU05090GAA301
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	36.8	7.00E+00	3.20E+01	—	pCi/L	—	U	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.25	3.13E+00	3.00E+01	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0015	7.00E-04	2.50E-02	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.003	7.00E-04	2.40E-02	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.93	4.33E+00	4.70E+01	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.42	4.67E-01	4.10E+00	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0729	2.83E-02	2.90E-01	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0122	2.55E-03	8.20E-02	—	pCi/L	U	U	89802	GF03080GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.000533	3.33E-03	6.70E-02	—	pCi/L	U	U	10-43	CAWR-09-12509
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0532	4.37E-03	1.52E-01	—	pCi/L	U	U	89802	GF03080GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0381	3.67E-03	8.50E-02	—	pCi/L	U	U	10-43	CAWR-09-12509
Spring 3AA	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00552	2.17E-03	3.80E-02	—	pCi/L	U	U	89802	GF03080GAA301
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00438	1.97E-03	4.00E-02	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.612	2.07E-02	9.90E-02	—	pCi/L	—	—	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0173	4.00E-03	5.10E-02	—	pCi/L	U	U	10-43	CAWR-09-12509
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
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
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
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
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.431	1.60E-02	6.10E-02	—	pCi/L	—	—	10-43	CAWR-09-12509
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
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
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
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
Spring 3AA	09/28/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.484	—	—	3.00E-01	ug/L	J	J	10-17	CAWR-09-12511
Spring 3AA	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	08-2044	CAWR-08-15487
Spring 3AA	09/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194557	GU070900GAA302
Spring 3AA	09/18/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	172334	GU060900GAA302
Spring 3AA	10/06/03	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	89645	GU03080GAA301
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12518
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.6	—	—	7.25E-01	mg/L	—	—	194647	GF070900G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.6	—	—	7.25E-01	mg/L	—	—	185526	GF070400G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.023	—	—	1.60E-02	mg/L	J	J-	10-42	CAWR-09-12518
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	194647	GF070900G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	185526	GF070400G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.7	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.9	—	—	3.00E-02	mg/L	—	—	09-1579	CAWR-09-7936
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.9	—	—	3.00E-02	mg/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.7	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.8	—	—	3.00E-02	mg/L	—	—	09-1579	CAWR-09-7934
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
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
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24	—	—	3.00E-02	mg/L	—	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.5	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12518

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.47	—	—	6.60E-02	mg/L	—	—	194647	GF070900G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.31	—	—	6.60E-02	mg/L	—	—	185526	GF070400G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.632	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12518
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.438	—	—	3.30E-02	mg/L	—	—	194647	GF070900G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.474	—	—	3.30E-02	mg/L	—	—	185526	GF070400G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.8	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76	—	—	3.50E-01	mg/L	—	—	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.2	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.1	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.9	—	—	4.25E-01	mg/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.1	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.9	—	—	3.50E-01	mg/L	—	—	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.5	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.5	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.5	—	—	4.25E-01	mg/L	—	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.43	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.59	—	—	8.50E-02	mg/L	—	—	09-1579	CAWR-09-7936
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.54	—	—	8.50E-02	mg/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.45	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.62	—	—	8.50E-02	mg/L	—	—	09-1579	CAWR-09-7934
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
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
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	8.50E-02	mg/L	—	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.15	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12518
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
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
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
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
Spring 4	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.622	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12518
Spring 4	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.679	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.653	—	—	5.00E-02	ug/L	—	J	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.64	—	—	5.00E-02	ug/L	—	—	194647	GF070900G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.638	—	—	5.00E-02	ug/L	—	J-	185526	GF070400G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185526	GF070400G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	09-1579	CAWR-09-7936
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.47	—	—	5.00E-02	mg/L	E	J	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.67	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.8	—	—	5.00E-02	mg/L	—	—	09-1579	CAWR-09-7934
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
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
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.38	—	—	5.00E-02	mg/L	E	J	194647	GU070900G4SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.2	—	—	3.20E-02	mg/L	—	—	194647	GF070900G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.2	—	—	3.20E-02	mg/L	—	—	185526	GF070400G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	4.50E-02	mg/L	—	—	09-1579	CAWR-09-7936
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	4.50E-02	mg/L	—	—	09-1579	CAWR-09-7934
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
Spring 4	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	218	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12518
Spring 4	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1.00E+00	uS/cm	—	—	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	220	—	—	1.00E+00	uS/cm	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.47	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12518
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.24	—	—	1.00E-01	mg/L	—	—	194647	GF070900G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.33	—	—	1.00E-01	mg/L	—	—	185526	GF070400G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12518
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	175	—	—	2.38E+00	mg/L	—	—	194647	GF070900G4SW01
Spring 4	05/03/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	179	—	—	2.38E+00	mg/L	—	—	185526	GF070400G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.517	—	—	3.30E-01	mg/L	J	J	10-41	CAWR-09-12520
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
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
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
Spring 4	05/03/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.478	—	—	3.30E-01	mg/L	—	—	185526	GU070400G4SW01
Spring 4	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12518
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
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
Spring 4	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.36	—	—	1.00E-02	SU	H	J	194647	GF070900G4SW01
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	4.62	—	—	1.50E+00	ug/L	J	U	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.2	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.8	—	—	1.50E+00	ug/L	J	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.11	—	—	1.50E+00	ug/L	J	J	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.02	—	—	1.50E+00	ug/L	J	U	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	5.3	—	—	1.50E+00	ug/L	—	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.4	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.6	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.8	—	—	1.00E+00	ug/L	E	—	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.5	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.2	—	—	1.00E+00	ug/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12520

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	49.5	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.7	—	—	1.00E+00	ug/L	—	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.47	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.15	—	—	1.50E+00	ug/L	—	—	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.1	—	—	1.00E+00	ug/L	J	JN-	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.63	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.3	—	—	1.50E+00	ug/L	—	—	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	1.00E-01	ug/L	—	—	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.6	—	—	2.00E+00	ug/L	J	J+, U	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.14	—	—	1.00E-01	ug/L	—	—	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.589	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.592	—	—	5.00E-01	ug/L	J	J	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.62	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.562	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.71	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.14	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.68	—	—	1.00E+00	ug/L	J	J	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	2.2	—	—	1.00E+00	ug/L	J	J	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.19	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.5	—	—	1.00E+00	ug/L	J	J	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.2	—	—	1.00E+00	ug/L	J	J	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.1	—	—	1.00E+00	ug/L	J	J	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	5.30E-02	mg/L	—	—	10-42	CAWR-09-12518
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
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
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	131	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15503

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	134	—	—	1.00E+00	ug/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	132	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	137	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	139	—	—	1.00E+00	ug/L	—	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.867	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.16	—	—	5.00E-02	ug/L	—	—	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.95	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.98	—	—	5.00E-02	ug/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.965	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.44	—	—	5.00E-02	ug/L	—	—	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	194647	GU070900G4SW01
Spring 4	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.13	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12518
Spring 4	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.23	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7936
Spring 4	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15503
Spring 4	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12101
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	ug/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.09	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12520
Spring 4	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	ug/L	—	—	194647	GF070900G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.09	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12520
Spring 4	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15502
Spring 4	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.2	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	ug/L	—	—	194647	GU070900G4SW01
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000468	5.67E-04	3.00E-02	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.259	4.00E-01	4.00E+00	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.309	4.33E-01	4.10E+00	—	pCi/L	U	U	10-43	CAWR-09-12520

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.554	2.13E-01	2.40E+00	—	pCi/L	U	U	10-43	CAWR-09-12520
Spring 4	09/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.27	3.10E-01	2.90E+00	—	pCi/L	U	U	194647	GF070900G4SW01
Spring 4	09/18/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.45	3.27E-01	2.95E+00	—	pCi/L	—	J	172500	GF060900G4SW01
Spring 4	09/26/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.2	1.63E-01	1.52E+00	—	pCi/L	—	J	146889	GF05090G4SW01
Spring 4	09/13/04	WG	F	CS	—	Rad	EPA:900	Gross beta	—	1.81	1.27E-01	1.23E+00	—	pCi/L	—	J	121724	GF04090G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.49	3.03E-01	2.60E+00	—	pCi/L	—	—	10-43	CAWR-09-12520
Spring 4	09/24/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.32	2.71E-01	2.65E+00	—	pCi/L	U	U	194647	GU070900G4SW01
Spring 4	09/18/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.87	2.95E-01	2.85E+00	—	pCi/L	U	U	172500	GU060900G4SW01
Spring 4	09/26/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.38	1.90E-01	1.75E+00	—	pCi/L	—	J	146889	GU05090G4SW01
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	28.5	2.13E+01	7.20E+01	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.709	3.30E+00	3.30E+01	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.67E-04	2.90E-02	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00346	8.33E-04	2.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11	6.67E+00	6.80E+01	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.811	4.33E-01	4.00E+00	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0981	3.27E-02	3.40E-01	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
Spring 4	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.017	5.00E-03	8.70E-02	—	pCi/L	U	U	89802	GF03080G4SW01
Spring 4	10/06/03	WG	F	DUP	—	Rad	Alpha Spec	Thorium-228	<	0.0105	3.87E-03	8.40E-02	—	pCi/L	U	—	89802	GF03080G4SW01
Spring 4	10/17/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0234	4.93E-03	1.07E-01	—	pCi/L	U	U	69072	GF02100G4SW01
Spring 4	10/17/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-228	<	0.0542	8.33E-03	1.40E-01	—	pCi/L	U	—	69072	GF02100G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00697	3.00E-03	6.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12520
Spring 4	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0463	4.87E-03	1.61E-01	—	pCi/L	U	U	89802	GF03080G4SW01
Spring 4	10/06/03	WG	F	DUP	—	Rad	Alpha Spec	Thorium-230	—	0.0649	5.10E-03	1.56E-01	—	pCi/L	—	—	89802	GF03080G4SW01
Spring 4	10/17/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0376	5.17E-03	1.14E-01	—	pCi/L	U	U	69072	GF02100G4SW01
Spring 4	10/17/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-230	<	0.0303	4.87E-03	1.48E-01	—	pCi/L	U	—	69072	GF02100G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0042	1.57E-03	8.50E-02	—	pCi/L	U	U	10-43	CAWR-09-12520
Spring 4	10/06/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	-0.000423	1.96E-03	4.00E-02	—	pCi/L	U	U	89802	GF03080G4SW01
Spring 4	10/06/03	WG	F	DUP	—	Rad	Alpha Spec	Thorium-232	<	0.0118	2.14E-03	2.80E-02	—	pCi/L	U	—	89802	GF03080G4SW01
Spring 4	10/17/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00744	1.83E-03	3.50E-02	—	pCi/L	U	U	69072	GF02100G4SW01
Spring 4	10/17/02	WG	F	DUP	—	Rad	Alpha Spec	Thorium-232	<	-0.00291	1.44E-03	4.50E-02	—	pCi/L	U	—	69072	GF02100G4SW01
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00293	1.80E-03	4.00E-02	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.537	1.83E-02	1.00E-01	—	pCi/L	—	—	10-43	CAWR-09-12520
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00353	2.03E-03	5.20E-02	—	pCi/L	U	U	10-43	CAWR-09-12520
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
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
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
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
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.34	1.33E-02	6.20E-02	—	pCi/L	—	—	10-43	CAWR-09-12520
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
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
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
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
Spring 4	09/28/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.341	—	—	3.00E-01	ug/L	J	J	10-17	CAWR-09-12521
Spring 4	04/21/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	09-1577	CAWR-09-7934
Spring 4	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	08-2044	CAWR-08-15500
Spring 4	04/24/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1064	CAWR-08-12099
Spring 4	09/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194557	GU070900G4SW02
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.8	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.3	—	—	7.30E-01	mg/L	—	—	09-1579	CAWR-09-7943
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79	—	—	7.25E-01	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12523
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.7	—	—	3.00E-02	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15512
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
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	3.00E-02	mg/L	—	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.22	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.15	—	—	6.60E-02	mg/L	—	—	09-1579	CAWR-09-7943
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.53	—	—	6.60E-02	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.685	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.498	—	—	3.30E-02	mg/L	—	—	09-1579	CAWR-09-7943
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.388	—	—	3.30E-02	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.4	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.4	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.8	—	—	4.30E-01	mg/L	—	—	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.2	—	—	4.25E-01	mg/L	—	—	194647	GF070900GA4S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4A	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.7	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.7	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.5	—	—	4.30E-01	mg/L	—	—	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.6	—	—	4.25E-01	mg/L	—	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12523
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.6	—	—	8.50E-02	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.77	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12522
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
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
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.85	—	—	8.50E-02	mg/L	—	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.08	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.13	—	—	5.00E-02	mg/L	—	—	09-1579	CAWR-09-7943
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
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
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
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.585	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.623	—	—	5.00E-02	ug/L	—	—	09-1579	CAWR-09-7943
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.551	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.531	—	—	5.00E-02	ug/L	—	J	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.529	—	—	5.00E-02	ug/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.12	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12523
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	E	J	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12522
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
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
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.92	—	—	5.00E-02	mg/L	E	J	194647	GU070900GA4S01
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67.4	—	—	3.20E-02	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12523
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	4.50E-02	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12522
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
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
Spring 4A	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	201	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	191	—	—	1.00E+00	uS/cm	—	—	09-1579	CAWR-09-7943
Spring 4A	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	193	—	—	1.00E+00	uS/cm	—	—	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	189	—	—	1.00E+00	uS/cm	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.39	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.36	—	—	1.00E-01	mg/L	—	—	09-1579	CAWR-09-7943
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.29	—	—	1.00E-01	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12523

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.40E+00	mg/L	—	—	09-1579	CAWR-09-7943
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	2.38E+00	mg/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	09-1579	CAWR-09-7943
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
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
Spring 4A	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	1.00E-02	SU	H	J	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.7	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	43.6	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	ug/L	—	—	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1.00E+00	ug/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.6	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.9	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.4	—	—	1.00E+00	ug/L	—	—	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.1	—	—	1.00E+00	ug/L	—	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.3	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	11	—	—	1.00E+01	ug/L	J	J	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.9	—	—	1.00E+01	ug/L	J	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.6	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	12.6	—	—	1.00E+01	ug/L	J	J	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	24.7	—	—	1.00E+01	ug/L	J	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.63	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	ug/L	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	2.50E+00	ug/L	J	J	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.5	—	—	1.00E+00	ug/L	J	JN-	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.39	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.50E+00	ug/L	—	—	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	2.50E+00	ug/L	J	J	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.4	—	—	1.00E+00	ug/L	J	JN-	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	ug/L	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	ug/L	—	—	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.1	—	—	2.00E+00	ug/L	J	J+, U	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.569	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900GA4S01
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.14	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-26	CAWR-08-15515

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.2	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.1	—	—	5.30E-02	mg/L	—	—	10-42	CAWR-09-12523
Spring 4A	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.6	—	—	3.20E-02	mg/L	—	—	09-1579	CAWR-09-7943
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
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
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.7	—	—	1.00E+00	ug/L	—	—	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.6	—	—	1.00E+00	ug/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.7	—	—	1.00E+00	ug/L	—	—	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	100	—	—	1.00E+00	ug/L	—	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.09	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12522
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.98	—	—	5.00E-02	ug/L	—	—	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	194647	GU070900GA4S01
Spring 4A	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.64	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12523
Spring 4A	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.4	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15515
Spring 4A	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	ug/L	—	—	08-1061	CAWR-08-12113
Spring 4A	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	ug/L	—	—	194647	GF070900GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.44	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12522
Spring 4A	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15512
Spring 4A	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	—	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	ug/L	—	—	194647	GU070900GA4S01
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00762	1.50E-03	4.70E-02	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.02	5.33E-01	5.20E+00	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.13	4.33E-01	4.50E+00	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.553	2.20E-01	2.50E+00	—	pCi/L	U	U	10-43	CAWR-09-12522
Spring 4A	09/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.971	2.64E-01	2.64E+00	—	pCi/L	U	U	194647	GF070900GA4S01
Spring 4A	09/18/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.56	4.57E-01	4.11E+00	—	pCi/L	—	J	172500	GF060900GA4S01
Spring 4A	09/27/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.36	2.61E-01	2.67E+00	—	pCi/L	—	J	146887	GF05090GA4S01
Spring 4A	09/14/04	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.24	1.38E-01	1.30E+00	—	pCi/L	—	J	121724	GF04090GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.15	2.87E-01	2.20E+00	—	pCi/L	—	—	10-43	CAWR-09-12522
Spring 4A	09/24/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	2.91E-01	2.74E+00	—	pCi/L	U	U	194647	GU070900GA4S01
Spring 4A	09/18/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.54	3.40E-01	3.14E+00	—	pCi/L	U	U	172500	GU060900GA4S01
Spring 4A	09/27/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.16	2.82E-01	3.00E+00	—	pCi/L	—	J	146887	GU05090GA4S01
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	40.7	7.33E+00	3.70E+01	—	pCi/L	—	U	10-43	CAWR-09-12522
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
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
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.3	3.23E+00	3.30E+01	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0017	8.00E-04	2.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0017	8.00E-04	2.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15	5.67E+00	5.50E+01	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.118	4.00E-01	4.00E+00	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0107	3.33E-02	3.50E-01	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
Spring 4A	04/15/04	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.00554	2.45E-03	8.80E-02	—	pCi/L	U	U	111062	GF04040GA4S01
Spring 4A	04/15/04	WG	F	DUP	—	Rad	Alpha Spec	Thorium-228	<	0.0157	2.73E-03	7.70E-02	—	pCi/L	U	—	111062	GF04040GA4S01
Spring 4A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.0173	6.80E-03	1.07E-01	—	pCi/L	U	U	89802	GF03080GA4S01
Spring 4A	10/17/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.00736	4.63E-03	1.20E-01	—	pCi/L	U	U	69072	GF02100GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0099	2.67E-03	6.30E-02	—	pCi/L	U	U	10-43	CAWR-09-12522
Spring 4A	04/15/04	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.147	7.03E-03	1.63E-01	—	pCi/L	U	U	111062	GF04040GA4S01
Spring 4A	04/15/04	WG	F	DUP	—	Rad	Alpha Spec	Thorium-230	<	0.109	5.47E-03	1.43E-01	—	pCi/L	U	—	111062	GF04040GA4S01
Spring 4A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.182	9.23E-03	1.98E-01	—	pCi/L	U	U	89802	GF03080GA4S01
Spring 4A	10/17/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0316	2.87E-03	1.26E-01	—	pCi/L	U	U	69072	GF02100GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.0152	2.17E-03	8.00E-02	—	pCi/L	U	U	10-43	CAWR-09-12522
Spring 4A	04/15/04	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.0166	2.01E-03	4.00E-02	—	pCi/L	U	U	111062	GF04040GA4S01
Spring 4A	04/15/04	WG	F	DUP	—	Rad	Alpha Spec	Thorium-232	<	0.0219	2.34E-03	3.50E-02	—	pCi/L	U	—	111062	GF04040GA4S01
Spring 4A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	-0.003	2.56E-03	4.90E-02	—	pCi/L	U	U	89802	GF03080GA4S01
Spring 4A	10/17/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	-0.00253	1.22E-03	3.90E-02	—	pCi/L	U	U	69072	GF02100GA4S01
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.0142	2.03E-03	3.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.853	2.57E-02	9.40E-02	—	pCi/L	—	—	10-43	CAWR-09-12522
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
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
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.033	4.00E-03	4.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12522
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
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
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
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
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.381	1.40E-02	5.80E-02	—	pCi/L	—	—	10-43	CAWR-09-12522
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
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
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
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
Spring 4A	09/28/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.355	—	—	3.00E-01	ug/L	J	J	10-17	CAWR-09-12525
Spring 4A	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	08-2044	CAWR-08-15514
Spring 4A	04/24/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1061	CAWR-08-12111
Spring 4A	09/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194557	GU070900GA4S02
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87.6	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.9	—	—	7.30E-01	mg/L	—	—	09-1579	CAWR-09-7945
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.7	—	—	7.25E-01	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.025	—	—	1.60E-02	mg/L	J	J-	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.033	—	—	1.60E-02	mg/L	J	J-	09-1579	CAWR-09-7945
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12527
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.8	—	—	3.00E-02	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12529
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
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
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	3.00E-02	mg/L	—	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.94	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.59	—	—	6.60E-02	mg/L	—	—	09-1579	CAWR-09-7945
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.7	—	—	6.60E-02	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.689	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.506	—	—	3.30E-02	mg/L	—	—	09-1579	CAWR-09-7945
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.48	—	—	3.30E-02	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.4	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74	—	—	4.30E-01	mg/L	—	—	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.1	—	—	4.25E-01	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.4	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	4.30E-01	mg/L	—	—	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.7	—	—	4.25E-01	mg/L	—	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.52	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12527
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.66	—	—	8.50E-02	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.44	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12529
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
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
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	8.50E-02	mg/L	—	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.865	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.18	—	—	5.00E-02	mg/L	—	—	09-1579	CAWR-09-7945
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
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
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
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.602	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.629	—	—	5.00E-02	ug/L	—	—	09-1579	CAWR-09-7945
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.564	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.56	—	—	5.00E-02	ug/L	—	J	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.58	—	—	5.00E-02	ug/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.22	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12527
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	5.00E-02	mg/L	E	J	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12529
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
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
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	E	J	194647	GU070900GAA401
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	69.6	—	—	3.20E-02	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12527
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12529
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
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
Spring 4AA	09/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	4.50E-02	mg/L	—	—	194647	GU070900GAA401

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	207	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	201	—	—	1.00E+00	uS/cm	—	—	09-1579	CAWR-09-7945
Spring 4AA	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1.00E+00	uS/cm	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	198	—	—	1.00E+00	uS/cm	—	—	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	207	—	—	1.00E+00	uS/cm	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.14	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.9	—	—	1.00E-01	mg/L	—	—	09-1579	CAWR-09-7945
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.78	—	—	1.00E-01	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6	—	—	1.10E+00	mg/L	—	—	10-42	CAWR-09-12529
Spring 4AA	04/21/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.4	—	—	1.10E+00	mg/L	J	J	09-1579	CAWR-09-7946
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
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
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	184	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.40E+00	mg/L	—	—	09-1579	CAWR-09-7945
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.38E+00	mg/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.345	—	—	3.30E-02	mg/L	—	J	10-41	CAWR-09-12529
Spring 4AA	04/21/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.067	—	—	3.30E-02	mg/L	J	J	09-1577	CAWR-09-7946
Spring 4AA	09/29/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-25	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	08-1059	CAWR-08-12109
Spring 4AA	09/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.24	—	—	3.30E-01	mg/L	—	—	10-41	CAWR-09-12529
Spring 4AA	04/21/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.884	—	—	3.30E-01	mg/L	J	J	09-1577	CAWR-09-7946
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
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
Spring 4AA	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.59	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	09-1579	CAWR-09-7945
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
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
Spring 4AA	09/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J	194647	GF070900GAA401
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	328	—	—	6.80E+01	ug/L	—	—	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	72.7	—	—	6.80E+01	ug/L	J	J	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	90.9	—	—	6.80E+01	ug/L	J	J	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.7	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.6	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37	—	—	1.00E+00	ug/L	—	—	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	ug/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.7	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.2	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.6	—	—	1.00E+00	ug/L	—	—	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.9	—	—	1.00E+00	ug/L	—	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	1.00E+01	ug/L	J	J	08-1059	CAWR-08-12108

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.1	—	—	1.00E+01	ug/L	J	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	14.8	—	—	1.00E+01	ug/L	J	J	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.1	—	—	1.00E+01	ug/L	J	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.06	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.50E+00	ug/L	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	2.50E+00	ug/L	J	J	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.2	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.50E+00	ug/L	—	—	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.16	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	1.00E-01	ug/L	—	U	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3	—	—	2.00E+00	ug/L	J	J+, U	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.1	—	—	2.00E+00	ug/L	J	U, J+	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.514	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.562	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.26	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.49	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1	—	—	1.00E+00	ug/L	J	J	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.7	—	—	5.30E-02	mg/L	—	—	10-42	CAWR-09-12527
Spring 4AA	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.4	—	—	3.20E-02	mg/L	—	—	09-1579	CAWR-09-7945
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
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
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.4	—	—	1.00E+00	ug/L	—	—	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.1	—	—	1.00E+00	ug/L	—	—	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	ug/L	—	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.759	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12527

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.89	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.85	—	—	5.00E-02	ug/L	—	—	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.83	—	—	5.00E-02	ug/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.832	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.94	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.97	—	—	5.00E-02	ug/L	—	—	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.91	—	—	5.00E-02	ug/L	—	—	194647	GU070900GAA401
Spring 4AA	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.37	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12527
Spring 4AA	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15518
Spring 4AA	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.9	—	—	1.00E+00	ug/L	—	—	08-1059	CAWR-08-12108
Spring 4AA	09/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	ug/L	—	—	194647	GF070900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12529
Spring 4AA	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.1	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15516
Spring 4AA	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	ug/L	—	—	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.1	—	—	1.00E+00	ug/L	—	—	194647	GU070900GAA401
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000619	5.67E-04	3.10E-02	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.627	3.67E-01	3.40E+00	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.82	4.00E-01	3.70E+00	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.38	3.67E-01	2.90E+00	—	pCi/L	U	U	10-43	CAWR-09-12529
Spring 4AA	09/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.21	2.93E-01	2.74E+00	—	pCi/L	U	U	194647	GF070900GAA401
Spring 4AA	09/18/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.37	3.60E-01	3.37E+00	—	pCi/L	U	U	172500	GF060900GAA401
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.45	3.33E-01	2.40E+00	—	pCi/L	—	—	10-43	CAWR-09-12529
Spring 4AA	09/24/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.59	2.73E-01	2.64E+00	—	pCi/L	U	U	194647	GU070900GAA401
Spring 4AA	09/18/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.72	3.22E-01	2.89E+00	—	pCi/L	—	J	172500	GU060900GAA401
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.56	8.67E+00	3.30E+01	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.74	2.47E+00	2.40E+01	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00314	9.00E-04	2.60E-02	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00157	9.00E-04	2.50E-02	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.69	6.00E+00	5.20E+01	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.07	4.00E-01	3.90E+00	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0501	2.87E-02	2.90E-01	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00407	2.13E-03	6.20E-02	—	pCi/L	U	U	10-43	CAWR-09-12529
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00165	1.73E-03	7.90E-02	—	pCi/L	U	U	10-43	CAWR-09-12529
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00177	1.27E-03	3.70E-02	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.584	1.90E-02	9.50E-02	—	pCi/L	—	—	10-43	CAWR-09-12529
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0133	3.17E-03	4.90E-02	—	pCi/L	U	U	10-43	CAWR-09-12529
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
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
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
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.269	1.10E-02	5.80E-02	—	pCi/L	—	—	10-43	CAWR-09-12529
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
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
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
Spring 4AA	09/28/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.576	—	—	3.00E-01	ug/L	J	J	10-17	CAWR-09-12528
Spring 4AA	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	08-2044	CAWR-08-15517
Spring 4AA	04/24/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1059	CAWR-08-12109
Spring 4AA	09/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194557	GU070900GAA402
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	97.2	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12530
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.6	—	—	7.25E-01	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.2	—	—	7.25E-01	mg/L	—	—	185322	GF070400GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.031	—	—	1.60E-02	mg/L	J	J-	10-42	CAWR-09-12530
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	194647	GF070900GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	185322	GF070400GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.8	—	—	3.00E-02	mg/L	—	—	09-1556	CAWR-09-7937
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.4	—	—	3.00E-02	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.5	—	—	3.00E-02	mg/L	—	—	09-1556	CAWR-09-7939
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
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
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	3.00E-02	mg/L	—	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.77	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12530
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.46	—	—	6.60E-02	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.19	—	—	6.60E-02	mg/L	—	—	185322	GF070400GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.622	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12530
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.428	—	—	3.30E-02	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.459	—	—	3.30E-02	mg/L	—	—	185322	GF070400GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	85.9	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12530

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4B	04/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87.2	—	—	3.50E-01	mg/L	—	—	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.1	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	88.3	—	—	4.25E-01	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	92	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	86.2	—	—	3.50E-01	mg/L	—	—	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.4	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	84.9	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.6	—	—	4.25E-01	mg/L	—	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.35	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.52	—	—	8.50E-02	mg/L	—	—	09-1556	CAWR-09-7937
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.41	—	—	8.50E-02	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.46	—	—	8.50E-02	mg/L	—	—	09-1556	CAWR-09-7939
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
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
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.65	—	—	8.50E-02	mg/L	—	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.81	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12530
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
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
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
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
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.534	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12530
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.563	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.515	—	—	5.00E-02	ug/L	—	J	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.452	—	—	5.00E-02	ug/L	—	—	194647	GF070900GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.426	—	—	5.00E-02	ug/L	—	J-	185322	GF070400GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185322	GF070400GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7937
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	5.00E-02	mg/L	E	J	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.96	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.67	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7939
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
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
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	5.00E-02	mg/L	E	J	194647	GU070900GB4S01
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	54.5	—	—	3.20E-02	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.2	—	—	3.20E-02	mg/L	—	—	185322	GF070400GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	09-1556	CAWR-09-7937
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	4.50E-02	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	09-1556	CAWR-09-7939
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	232	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12530
Spring 4B	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	234	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	227	—	—	1.00E+00	uS/cm	—	—	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	234	—	—	1.00E+00	uS/cm	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.13	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12530
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.87	—	—	1.00E-01	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.64	—	—	1.00E-01	mg/L	—	—	185322	GF070400GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	31.6	—	—	1.10E+00	mg/L	—	—	10-46	CAWR-09-12531
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
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
Spring 4B	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	17.6	—	—	1.14E+00	mg/L	—	—	194647	GU070900GB4S01
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	30	—	—	2.28E+00	mg/L	—	—	185322	GU070400GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12530
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	178	—	—	2.38E+00	mg/L	—	—	194647	GF070900GB4S01
Spring 4B	05/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	190	—	—	2.38E+00	mg/L	—	—	185322	GF070400GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.839	—	—	3.30E-01	mg/L	J	J	10-45	CAWR-09-12531
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
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
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
Spring 4B	05/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.979	—	—	3.30E-01	mg/L	—	—	185322	GU070400GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12530
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
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
Spring 4B	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	1.00E-02	SU	H	J	194647	GF070900GB4S01
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2050	—	—	6.80E+01	ug/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	278	—	—	6.80E+01	ug/L	—	—	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	560	—	—	6.80E+01	ug/L	N	J+	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	280	—	—	6.80E+01	ug/L	—	—	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	381	—	—	6.80E+01	ug/L	—	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.7	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	47.4	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.1	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.6	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	52.2	—	—	1.00E+00	ug/L	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	67.5	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	48.4	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	49.2	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	53.3	—	—	1.00E+00	ug/L	—	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.19	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12530

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.66	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.7	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.61	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.39	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194647	GU070900GB4S01
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	41.9	—	—	2.50E+01	ug/L	J	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1580	—	—	3.00E+01	ug/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	235	—	—	2.50E+01	ug/L	—	—	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	417	—	—	2.50E+01	ug/L	—	—	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	218	—	—	2.50E+01	ug/L	—	—	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	332	—	—	2.50E+01	ug/L	—	—	194647	GU070900GB4S01
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.4	—	—	5.00E-01	ug/L	J	J	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.51	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.46	—	—	2.00E+00	ug/L	J	J	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.4	—	—	2.00E+00	ug/L	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.4	—	—	2.00E+00	ug/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.73	—	—	2.00E+00	ug/L	J	J	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.7	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.5	—	—	2.00E+00	ug/L	J	J	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.7	—	—	2.00E+00	ug/L	—	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.14	—	—	1.00E-01	ug/L	—	U	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194647	GF070900GB4S01
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.966	—	—	1.00E-01	ug/L	—	U	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	—	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.8	—	—	2.00E+00	ug/L	J	U, J+	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.706	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12104

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.47	—	—	5.00E-01	ug/L	J	J	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.556	—	—	5.00E-01	ug/L	J	J	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	ug/L	J	J	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	5.00E-01	ug/L	J	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.16	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.36	—	—	1.00E+00	ug/L	J	J	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1	—	—	1.00E+00	ug/L	J	J	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GF070900GB4S01
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.62	—	—	1.00E+00	ug/L	J	J	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.8	—	—	5.30E-02	mg/L	—	—	10-42	CAWR-09-12530
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
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
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	154	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	151	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	194647	GU070900GB4S01
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.396	—	—	3.00E-01	ug/L	J	U	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.65	—	—	3.00E-01	ug/L	J	J	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.445	—	—	3.00E-01	ug/L	J	J	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.51	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.56	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.14	—	—	5.00E-02	ug/L	—	J	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.66	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	194647	GU070900GB4S01
Spring 4B	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.99	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12530
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.04	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15507

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1.00E+00	ug/L	J	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.29	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	ug/L	—	—	194647	GU070900GB4S01
Spring 4B	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-1556	CAWR-09-7937
Spring 4B	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15507
Spring 4B	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12104
Spring 4B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.9	—	—	2.00E+00	ug/L	J	—	194647	GF070900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.34	—	—	3.30E+00	ug/L	J	J	10-46	CAWR-09-12531
Spring 4B	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.68	—	—	2.00E+00	ug/L	J	U	09-1556	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15504
Spring 4B	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2.00E+00	ug/L	J	—	194647	GU070900GB4S01
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0127	1.93E-03	3.00E-02	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.611	4.00E-01	4.00E+00	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.642	5.00E-01	4.80E+00	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	5.96	5.67E-01	3.40E+00	—	pCi/L	—	—	10-47	CAWR-09-12531
Spring 4B	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.42	3.15E-01	2.96E+00	—	pCi/L	U	U	194647	GF070900GB4S01
Spring 4B	09/18/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.13	3.07E-01	2.94E+00	—	pCi/L	U	U	172500	GF060900GB4S01
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.78	4.00E-01	2.60E+00	—	pCi/L	—	—	10-47	CAWR-09-12531
Spring 4B	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.34	3.19E-01	2.85E+00	—	pCi/L	—	J	194647	GU070900GB4S01
Spring 4B	09/18/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.95	3.80E-01	3.51E+00	—	pCi/L	—	J	172500	GU060900GB4S01
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	25.8	6.00E+00	3.70E+01	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11	3.33E+00	3.30E+01	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00576	1.93E-03	4.80E-02	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0115	2.70E-03	4.70E-02	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.9	5.33E+00	5.50E+01	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.46	3.67E-01	4.00E+00	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.21	4.67E-02	4.70E-01	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.025	5.33E-03	8.70E-02	—	pCi/L	U	U	10-47	CAWR-09-12531
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0425	4.33E-03	1.10E-01	—	pCi/L	U	U	10-47	CAWR-09-12531
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0465	4.67E-03	5.20E-02	—	pCi/L	U	U	10-47	CAWR-09-12531
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.21	3.67E-02	1.10E-01	—	pCi/L	—	—	10-47	CAWR-09-12531
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0599	5.33E-03	5.50E-02	—	pCi/L	—	—	10-47	CAWR-09-12531
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
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
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
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
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
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
Spring 4B	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.664	2.17E-02	6.60E-02	—	pCi/L	—	—	10-47	CAWR-09-12531
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
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
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
Spring 4B	09/28/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.405	—	—	3.00E-01	ug/L	J	J	10-17	CAWR-09-12533
Spring 4B	04/21/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	09-1555	CAWR-09-7939
Spring 4B	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E+00	ug/L	U	U	09-19	CAWR-08-15506
Spring 4B	04/24/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1064	CAWR-08-12102
Spring 4B	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194557	GU070900GB4S02
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.8	—	—	7.30E-01	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.8	—	—	7.30E-01	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79	—	—	7.25E-01	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	3.00E-02	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	3.00E-02	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	3.00E-02	mg/L	—	—	09-1556	CAWR-09-7940
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
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
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23	—	—	3.00E-02	mg/L	—	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.44	—	—	6.60E-02	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.33	—	—	6.60E-02	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.29	—	—	6.60E-02	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.617	—	—	3.30E-02	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.469	—	—	3.30E-02	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.445	—	—	3.30E-02	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.1	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.9	—	—	3.50E-01	mg/L	—	—	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.8	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12105

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.6	—	—	4.25E-01	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.8	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.3	—	—	3.50E-01	mg/L	—	—	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.1	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.8	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.7	—	—	4.25E-01	mg/L	—	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.39	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.56	—	—	8.50E-02	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.36	—	—	8.50E-02	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.36	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.48	—	—	8.50E-02	mg/L	—	—	09-1556	CAWR-09-7940
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
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
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.67	—	—	8.50E-02	mg/L	—	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.36	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.36	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7942
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
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
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
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.701	—	—	5.00E-02	ug/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.68	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.626	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.628	—	—	5.00E-02	ug/L	—	J	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.653	—	—	5.00E-02	ug/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.71	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.16	—	—	5.00E-02	mg/L	E	J	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7940
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
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
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	5.00E-02	mg/L	E	J	194647	GU070900GC4S01
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	51.1	—	—	3.20E-02	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	09-1556	CAWR-09-7940
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
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
Spring 4C	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	4.50E-02	mg/L	—	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	212	—	—	1.00E+00	uS/cm	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	204	—	—	1.00E+00	uS/cm	—	—	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1.00E+00	uS/cm	—	—	09-26	CAWR-08-15510

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4C	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1.00E+00	uS/cm	—	—	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.44	—	—	1.00E-01	mg/L	—	J	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.44	—	—	1.00E-01	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.99	—	—	1.00E-01	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.6	—	—	1.10E+00	mg/L	J	J	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5	—	—	1.10E+00	mg/L	U	U	09-1556	CAWR-09-7940
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
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
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
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	171	—	—	2.40E+00	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.38E+00	mg/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.653	—	—	3.30E-01	mg/L	J	J	10-45	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.16	—	—	3.30E-01	mg/L	—	—	09-1555	CAWR-09-7940
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
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
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
Spring 4C	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J-	09-1556	CAWR-09-7942
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
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
Spring 4C	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.53	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	4.03	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.6	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	6.1	—	—	1.50E+00	ug/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.15	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.41	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4	—	—	1.50E+00	ug/L	J	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.1	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.9	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.8	—	—	1.00E+00	ug/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.3	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.1	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.7	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.1	—	—	1.00E+00	ug/L	—	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.51	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.43	—	—	1.50E+00	ug/L	—	—	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	1.50E+00	ug/L	—	—	09-26	CAWR-08-15510

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.26	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.28	—	—	1.50E+00	ug/L	—	—	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.50E+00	ug/L	—	—	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.00E+00	ug/L	J	JN-	194647	GU070900GC4S01
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	75.7	—	—	2.50E+01	ug/L	J	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	47.6	—	—	3.00E+01	ug/L	J	J	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	29.1	—	—	2.50E+01	ug/L	J	J	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	25.3	—	—	2.50E+01	ug/L	J	—	194647	GU070900GC4S01
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.33	—	—	5.00E-01	ug/L	J	J	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.66	—	—	5.00E-01	ug/L	J	J	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.14	—	—	1.00E+00	ug/L	J	J	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.85	—	—	1.00E+00	ug/L	J	J	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.2	—	—	1.00E+00	ug/L	J	J	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.4	—	—	1.00E+00	ug/L	J	J	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.36	—	—	1.00E+00	ug/L	J	J	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.19	—	—	1.00E+00	ug/L	J	J	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.5	—	—	1.00E+00	ug/L	J	J	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	1	—	—	1.00E+00	ug/L	U	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.9	—	—	5.30E-02	mg/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.5	—	—	3.20E-02	mg/L	—	—	09-1556	CAWR-09-7942
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
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
Spring 4C	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	119	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1.00E+00	ug/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	J	10-46	CAWR-09-12534

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.13	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.93	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.28	—	—	5.00E-02	ug/L	—	J	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.21	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.96	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	194647	GU070900GC4S01
Spring 4C	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.39	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12534
Spring 4C	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.09	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7942
Spring 4C	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15510
Spring 4C	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12105
Spring 4C	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.3	—	—	1.00E+00	ug/L	—	—	194647	GF070900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.23	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12537
Spring 4C	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.53	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7940
Spring 4C	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15508
Spring 4C	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12106
Spring 4C	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	ug/L	—	—	194647	GU070900GC4S01
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0196	2.27E-03	4.00E-02	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0162	4.67E-01	4.70E+00	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.26	4.33E-01	4.00E+00	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.516	2.50E-01	2.90E+00	—	pCi/L	U	U	10-47	CAWR-09-12537
Spring 4C	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.01	2.80E-01	2.45E+00	—	pCi/L	—	J	194647	GF070900GC4S01
Spring 4C	09/19/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.28	1.76E-01	1.63E+00	—	pCi/L	U	U	172551	GF060900GC4S01
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.22	2.40E-01	2.30E+00	—	pCi/L	U	U	10-47	CAWR-09-12537
Spring 4C	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.06	2.60E-01	2.59E+00	—	pCi/L	U	U	194647	GU070900GC4S01
Spring 4C	09/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.15	1.81E-01	1.47E+00	—	pCi/L	—	J	172551	GU060900GC4S01
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	28.2	9.00E+00	2.70E+01	—	pCi/L	—	U	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.83	3.33E+00	3.50E+01	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00217	1.03E-03	3.60E-02	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00434	1.77E-03	3.50E-02	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.9	6.00E+00	6.20E+01	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.68	4.33E-01	3.60E+00	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0908	3.33E-02	3.30E-01	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0074	2.73E-03	6.20E-02	—	pCi/L	U	U	10-47	CAWR-09-12537
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00945	1.87E-03	7.80E-02	—	pCi/L	U	U	10-47	CAWR-09-12537
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00272	1.07E-03	3.70E-02	—	pCi/L	U	U	10-47	CAWR-09-12537
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.668	2.40E-02	1.40E-01	—	pCi/L	—	—	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0101	4.00E-03	7.40E-02	—	pCi/L	U	U	10-47	CAWR-09-12537
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
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
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
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
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
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
Spring 4C	09/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.338	1.50E-02	8.80E-02	—	pCi/L	—	—	10-47	CAWR-09-12537
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
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
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
Spring 5	09/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.8	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.9	—	—	7.25E-01	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74	—	—	7.25E-01	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.8	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15520
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	3.00E-02	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	3.60E-02	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.2	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12512
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
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
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	3.00E-02	mg/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.2	—	—	3.60E-02	mg/L	—	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.97	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4	—	—	6.60E-02	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.96	—	—	6.60E-02	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.592	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.352	—	—	3.30E-02	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.41	—	—	3.30E-02	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.5	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.3	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15520
Spring 5	04/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.1	—	—	4.30E-01	mg/L	—	—	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.5	—	—	4.25E-01	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	67.5	—	—	4.40E-01	mg/L	—	—	185322	GF070400G5SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 5	09/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64.7	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12512
Spring 5	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.8	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63	—	—	4.30E-01	mg/L	—	—	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.1	—	—	4.25E-01	mg/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.4	—	—	4.40E-01	mg/L	—	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.61	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.48	—	—	8.50E-02	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.96	—	—	8.50E-02	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.69	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12512
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
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
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.58	—	—	8.50E-02	mg/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.82	—	—	8.50E-02	mg/L	—	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.69	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12513
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
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
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
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
Spring 5	09/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.425	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.463	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15520
Spring 5	04/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.412	—	—	5.00E-02	ug/L	—	—	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.413	—	—	5.00E-02	ug/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.415	—	—	5.00E-02	ug/L	—	J-	185322	GF070400G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.13	—	—	5.00E-02	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12512
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
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
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	5.00E-02	mg/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	185322	GU070400G5SW01
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67.4	—	—	3.20E-02	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	68.8	—	—	3.20E-02	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	4.50E-02	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	4.50E-02	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12512
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
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
Spring 5	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	184	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15520

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 5	04/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1.00E+00	uS/cm	—	—	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	177	—	—	1.00E+00	uS/cm	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	188	—	—	1.00E+00	uS/cm	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.73	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.75	—	—	1.00E-01	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.73	—	—	1.00E-01	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	164	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.38E+00	mg/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.38E+00	mg/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12513
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
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
Spring 5	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	1.00E-02	SU	H	J	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J	185322	GF070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15520
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.9	—	—	1.00E+00	ug/L	—	—	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	ug/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.8	—	—	1.00E+00	ug/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12512
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.1	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	ug/L	—	—	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.5	—	—	1.00E+00	ug/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	ug/L	—	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15520
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	10.3	—	—	1.00E+01	ug/L	J	J	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.5	—	—	1.00E+01	ug/L	J	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.7	—	—	1.00E+01	ug/L	J	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	1.50E+01	ug/L	J	J	10-42	CAWR-09-12512
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	11.3	—	—	1.00E+01	ug/L	J	J	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.8	—	—	1.00E+01	ug/L	J	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.8	—	—	1.00E+01	ug/L	J	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.49	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15520
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.6	—	—	2.50E+00	ug/L	J	J	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.1	—	—	1.00E+00	ug/L	—	U	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1.00E+00	ug/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.28	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12512
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.1	—	—	2.50E+00	ug/L	J	J	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.8	—	—	1.00E+00	ug/L	—	U	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.9	—	—	1.00E+00	ug/L	—	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.863	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.91	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15520

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.95	—	—	1.00E-01	ug/L	—	—	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.3	—	—	2.00E+00	ug/L	J	J+, U	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2	—	—	2.00E+00	ug/L	J	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.839	—	—	1.00E-01	ug/L	—	—	10-42	CAWR-09-12512
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.89	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.89	—	—	1.00E-01	ug/L	—	—	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.3	—	—	2.00E+00	ug/L	J	U, J+	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.9	—	—	5.30E-02	mg/L	—	—	10-42	CAWR-09-12513
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
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
Spring 5	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	88.4	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	91.9	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15520
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	85	—	—	1.00E+00	ug/L	—	—	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	89.6	—	—	1.00E+00	ug/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	91.7	—	—	1.00E+00	ug/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.9	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12512
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93.2	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.6	—	—	1.00E+00	ug/L	—	—	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.7	—	—	1.00E+00	ug/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.1	—	—	1.00E+00	ug/L	—	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.502	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15520
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	5.00E-02	ug/L	—	—	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	ug/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	5.00E-02	ug/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.504	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12512
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.7	—	—	5.00E-02	ug/L	—	—	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.83	—	—	5.00E-02	ug/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.66	—	—	5.00E-02	ug/L	—	—	185322	GU070400G5SW01
Spring 5	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12513
Spring 5	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15520
Spring 5	04/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.9	—	—	1.00E+00	ug/L	—	—	08-1087	CAWR-08-12116
Spring 5	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10	—	—	1.00E+00	ug/L	—	—	194659	GF070900G5SW01
Spring 5	05/01/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	185322	GF070400G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.2	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12512
Spring 5	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.4	—	—	1.00E+00	ug/L	—	—	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.1	—	—	1.00E+00	ug/L	—	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	J+	185322	GU070400G5SW01
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0185	2.23E-03	4.00E-02	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.464	4.33E-01	4.10E+00	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.25	4.67E-01	4.00E+00	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.47	2.10E-01	2.40E+00	—	pCi/L	U	U	10-43	CAWR-09-12512
Spring 5	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.18	2.98E-01	2.96E+00	—	pCi/L	U	U	194659	GF070900G5SW01
Spring 5	09/19/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.9	3.57E-01	3.38E+00	—	pCi/L	U	U	172411	GF060900G5SW01
Spring 5	09/27/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	-1.19	2.23E-01	3.04E+00	—	pCi/L	U	U	146889	GF05090G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.35	4.33E-01	3.30E+00	—	pCi/L	—	—	10-43	CAWR-09-12512
Spring 5	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.217	2.52E-01	2.68E+00	—	pCi/L	U	U	194659	GU070900G5SW01
Spring 5	09/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.94	4.10E-01	3.64E+00	—	pCi/L	—	J	172411	GU060900G5SW01
Spring 5	09/27/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.44	1.58E-01	1.52E+00	—	pCi/L	U	U	146889	GU05090G5SW01
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	37.1	4.00E+00	4.20E+01	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.93	4.00E+00	4.10E+01	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.67E-04	2.80E-02	—	pCi/L	U	U	10-43	CAWR-09-12512
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	7.67E-04	2.70E-02	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.7	5.67E+00	5.90E+01	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.483	4.00E-01	4.20E+00	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.158	3.67E-02	3.50E-01	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
Spring 5	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.00621	5.10E-03	8.70E-02	—	pCi/L	U	U	89802	GF03080G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00546	3.03E-03	6.70E-02	—	pCi/L	U	U	10-43	CAWR-09-12512
Spring 5	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	-0.0272	5.73E-03	1.61E-01	—	pCi/L	U	U	89802	GF03080G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.016	2.87E-03	8.40E-02	—	pCi/L	U	U	10-43	CAWR-09-12512
Spring 5	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	-0.00461	2.19E-03	4.00E-02	—	pCi/L	U	U	89802	GF03080G5SW01
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.0053	1.40E-03	4.00E-02	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.427	1.60E-02	1.10E-01	—	pCi/L	—	—	10-43	CAWR-09-12512

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.011	3.23E-03	5.40E-02	—	pCi/L	U	U	10-43	CAWR-09-12512
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
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
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
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
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.181	9.00E-03	6.40E-02	—	pCi/L	—	—	10-43	CAWR-09-12512
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
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
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
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
Spring 5	09/29/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.372	—	—	3.00E-01	ug/L	J	J	10-41	CAWR-09-12514
Spring 5	09/30/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E+00	ug/L	U	U	09-19	CAWR-08-15521
Spring 5	04/30/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1087	CAWR-08-12114
Spring 5	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194659	GU070900G5SW01
Spring 5	05/01/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	185322	GU070400G5SW01
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.5	—	—	7.30E-01	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.2	—	—	7.25E-01	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.1	—	—	1.45E+00	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SM:A2320B	Alkalinity-CO3+HCO3	—	71.4	—	—	1.00E+00	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	3.00E-02	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	5.54E-03	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	3.55E-02	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	3.00E-02	mg/L	—	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.95	—	—	6.60E-02	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.92	—	—	6.60E-02	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.25	—	—	3.22E-02	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SW-846:9056	Chloride	—	3.08	—	—	2.60E-02	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.642	—	—	3.30E-02	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.387	—	—	3.30E-02	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.367	—	—	5.53E-02	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	EPA:340.2	Fluoride	—	0.485	—	—	7.00E-03	mg/L	—	J	32208	GM00091GB5S
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.4	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.7	—	—	4.25E-01	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	58.1	—	—	4.00E-02	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.7	—	—	1.03E-01	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.4	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12542

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 5B	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.6	—	—	4.25E-01	mg/L	—	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.13	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.91	—	—	8.50E-02	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.87	—	—	5.18E-03	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.01	—	—	3.54E-03	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.05	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.83	—	—	8.50E-02	mg/L	—	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.725	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.755	—	—	1.00E-02	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.91	—	—	1.00E-02	mg/L	—	J	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.05	—	—	9.00E-03	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	5.00E-02	ug/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.362	—	—	5.00E-02	ug/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	89802	GU03080GB5S01
Spring 5B	07/26/00	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	1.04	—	—	1.04E+00	ug/L	U	—	32223	GM00091GB5S
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	5.00E-02	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.11	—	—	1.65E-02	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.05	—	—	1.64E-02	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	63.5	—	—	3.20E-02	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	63.2	—	—	2.12E-02	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	66	—	—	1.86E-02	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	4.50E-02	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.44E-02	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	1.30E-02	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	4.50E-02	mg/L	—	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	169	—	—	1.00E+00	uS/cm	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1.00E+00	uS/cm	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	147	—	—	1.00E+00	uS/cm	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.69	—	—	1.00E-01	mg/L	—	J	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.58	—	—	1.00E-01	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.98	—	—	1.93E-01	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	SW-846:9056	Sulfate	—	3.8	—	—	7.90E-02	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.2	—	—	1.10E+00	mg/L	J	J	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.2	—	—	1.14E+00	mg/L	J	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.40E+00	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.38E+00	mg/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	115	—	—	3.07E+00	mg/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	6.29E+00	mg/L	—	—	32208	GM00091GB5S
Spring 5B	07/26/00	WG	F	DUP	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	6.29E+00	mg/L	—	J	32208	GM00091GB5S
Spring 5B	07/26/00	WG	F	TRP	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	6.29E+00	mg/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.37	—	—	3.30E-01	mg/L	J	J	10-45	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	1.00E-02	SU	H	J	194659	GF070900GB5S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 5B	10/07/03	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.27	—	—	1.00E-02	SU	H	J	89802	GF03080GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	14.7	—	—	1.47E+01	ug/L	U	R	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	9.11	—	—	2.34E+01	ug/L	B	U	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	111	—	—	6.80E+01	ug/L	J	J	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	194	—	—	6.80E+01	ug/L	J	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.12	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.6	—	—	1.50E+00	ug/L	J	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.57	—	—	2.57E+00	ug/L	U	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.56	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.50E+00	ug/L	J	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.2	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.9	—	—	1.00E+00	ug/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.4	—	—	2.22E-01	ug/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.2	—	—	7.48E-01	ug/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.7	—	—	1.00E+00	ug/L	—	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.77	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.7	—	—	1.00E+00	ug/L	—	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	4.69	—	—	5.03E-01	ug/L	B	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	4.8	—	—	1.06E+00	ug/L	B	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.29	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.7	—	—	1.00E+00	ug/L	—	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	24.8	—	—	1.26E+01	ug/L	B	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	19.9	—	—	1.99E+01	ug/L	U	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	111	—	—	3.00E+01	ug/L	—	—	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	141	—	—	2.50E+01	ug/L	—	—	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	66.1	—	—	2.96E-01	ug/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	0.503	—	—	1.15E+00	ug/L	B	U	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.46	—	—	2.00E+00	ug/L	J	J	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.4	—	—	2.00E+00	ug/L	J	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.3	—	—	5.30E-02	mg/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.9	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.7	—	—	1.00E+00	ug/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	98.5	—	—	1.78E-01	ug/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	100	—	—	4.69E-01	ug/L	—	—	32208	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	92	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.8	—	—	1.00E+00	ug/L	—	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.835	—	—	5.00E-02	ug/L	—	J	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.81	—	—	5.00E-02	ug/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.811	—	—	2.00E-02	ug/L	—	—	89802	GF03080GB5S01
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.865	—	—	5.00E-02	ug/L	—	J	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.82	—	—	5.00E-02	ug/L	—	—	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.95	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12541
Spring 5B	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	ug/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.01	—	—	6.06E-01	ug/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.96	—	—	8.90E-01	ug/L	—	—	32208	GM00091GB5S

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 5B	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.38	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1.00E+00	ug/L	—	—	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00926	4.57E-03	4.86E-02	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Americium-241	<	3.36	4.50E+00	4.21E+01	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Americium-241	<	-2.96E-10	1.17E-03	3.50E-02	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	Alpha Spec	Americium-241	<	0.0236	3.40E-03	2.49E-02	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:901.1	Americium-241	<	-0.274	9.87E-01	7.02E+00	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000278	5.33E-04	2.80E-02	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00241	3.29E-03	4.96E-02	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.82	4.27E-01	4.59E+00	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	3.88	1.04E+00	5.18E+00	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.256	5.63E-01	4.18E+00	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.955	4.67E-01	4.40E+00	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.09	5.37E-01	5.14E+00	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.121	3.57E-01	3.42E+00	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.17	5.73E-01	6.24E+00	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.684	4.70E-01	4.96E+00	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.46	6.00E-01	6.20E+00	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.25	4.80E-01	5.17E+00	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.17	3.27E-01	2.60E+00	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	150	4.37E+00	2.70E+00	—	pCi/L	—	R	194659	GF070900GB5S01
Spring 5B	09/25/07	WG	F	RE	—	Rad	EPA:900	Gross beta	—	6.25	2.91E-01	1.92E+00	—	pCi/L	—	—	197268	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.18	1.15E-01	1.18E+00	—	pCi/L	U	J	89802	GF03080GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.18	1.15E-01	1.18E+00	—	pCi/L	U	J	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.15	2.76E-01	2.79E+00	—	pCi/L	—	U	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.02	3.67E-01	2.20E+00	—	pCi/L	—	—	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.22	3.09E-01	2.92E+00	—	pCi/L	U	R	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	UF	RE	—	Rad	EPA:900	Gross beta	—	5.38	2.74E-01	1.94E+00	—	pCi/L	—	J	197268	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	84.2	3.25E+01	3.08E+02	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	122	5.07E+01	3.46E+02	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	28.4	6.33E+00	2.60E+01	—	pCi/L	—	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68.4	1.56E+01	2.17E+02	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.97	2.68E+00	2.58E+01	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.944	4.40E+00	4.29E+01	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.19	2.13E+00	1.83E+01	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.19	4.00E+00	3.60E+01	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.5	3.47E+00	3.41E+01	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	1.45E-10	1.15E-03	3.89E-02	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Plutonium-238	<	0.0023	7.67E-04	3.20E-02	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	Alpha Spec	Plutonium-238	<	4.37E-10	2.45E-03	3.41E-02	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00996	1.47E-03	2.80E-02	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00649	1.25E-03	3.46E-02	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00486	1.62E-03	4.59E-02	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0	1.88E-03	2.80E-02	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00733	1.76E-03	9.94E-03	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00664	1.37E-03	2.70E-02	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00216	1.61E-03	4.08E-02	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.71	5.30E+00	3.00E+01	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.27	9.70E+00	7.35E+01	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	36.8	4.97E+00	6.11E+01	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	42.1	6.33E+00	7.10E+01	—	pCi/L	U	U	10-47	CAWR-09-12542

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 5B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.33	5.47E+00	5.72E+01	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.05	3.57E-01	2.98E+00	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.245	5.93E-01	6.85E+00	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.728	4.03E-01	4.66E+00	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.12	5.33E-01	5.50E+00	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.504	5.33E-01	5.17E+00	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0442	4.10E-02	4.48E-01	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	GFPC	Strontium-90	<	0.0811	1.31E-02	1.24E-01	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0817	3.60E-02	3.72E-01	—	pCi/L	—	U	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.199	4.67E-02	4.70E-01	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.102	3.73E-02	3.90E-01	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.00806	2.14E-03	8.20E-02	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0142	3.67E-03	6.60E-02	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.108	5.77E-03	1.51E-01	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0326	3.23E-03	8.40E-02	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.0154	1.86E-03	3.80E-02	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0163	2.40E-03	3.90E-02	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.487	1.42E-02	4.60E-02	—	pCi/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Uranium-234	—	0.529	1.58E-02	4.90E-02	—	pCi/L	—	—	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	Alpha Spec	Uranium-234	—	0.474	2.56E-02	9.89E-02	—	pCi/L	—	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.468	1.67E-02	9.90E-02	—	pCi/L	—	—	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.403	1.23E-02	4.58E-02	—	pCi/L	—	—	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0151	2.39E-03	3.57E-02	—	pCi/L	U	U	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Uranium-235/236	—	0.0485	3.90E-03	2.80E-02	—	pCi/L	—	J	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.00959	4.83E-03	8.56E-02	—	pCi/L	U	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0173	2.60E-03	5.10E-02	—	pCi/L	U	U	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0326	3.29E-03	3.55E-02	—	pCi/L	U	U	194659	GU070900GB5S01
Spring 5B	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.269	9.50E-03	4.03E-02	—	pCi/L	—	—	194659	GF070900GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Uranium-238	—	0.261	9.50E-03	3.10E-02	—	pCi/L	—	—	89802	GF03080GB5S01
Spring 5B	10/07/03	WG	F	CS	—	Rad	EPA:901.1	Uranium-238	<	6.82	4.97E+01	2.99E+02	—	pCi/L	U	U	89802	GF03080GB5S01
Spring 5B	07/26/00	WG	F	CS	—	Rad	EPA:901.1	Uranium-238	—	70.5	1.71E+01	6.86E+01	—	pCi/L	—	J	32009	GM00091GB5S
Spring 5B	07/26/00	WG	F	CS	—	Rad	Alpha Spec	Uranium-238	—	0.231	1.76E-02	1.30E-01	—	pCi/L	—	—	32009	GM00091GB5S
Spring 5B	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.289	1.17E-02	6.10E-02	—	pCi/L	—	—	10-47	CAWR-09-12542
Spring 5B	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.257	9.20E-03	4.01E-02	—	pCi/L	—	—	194659	GU070900GB5S01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.3	—	—	7.30E-01	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.8	—	—	7.30E-01	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.2	—	—	7.25E-01	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.1	—	—	7.25E-01	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	1.45E+00	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.1	—	—	7.25E-01	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	3.00E-02	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	3.60E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	3.60E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12545
Spring 6	09/30/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15532

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	3.00E-02	mg/L	—	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	3.60E-02	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	3.60E-02	mg/L	—	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.06	—	—	6.60E-02	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.06	—	—	6.60E-02	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.04	—	—	6.60E-02	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.12	—	—	6.60E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.14	—	—	5.30E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.07	—	—	6.60E-02	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.563	—	—	3.30E-02	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.564	—	—	3.30E-02	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.308	—	—	3.30E-02	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.376	—	—	3.30E-02	mg/L	—	J+, U	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.343	—	—	3.00E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.418	—	—	3.30E-02	mg/L	—	U	172456	GU060900G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.4	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12543
Spring 6	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.6	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.8	—	—	4.25E-01	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.2	—	—	8.50E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.2	—	—	8.50E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12545
Spring 6	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.2	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15532
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.6	—	—	4.25E-01	mg/L	—	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.7	—	—	8.50E-02	mg/L	—	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.62	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.67	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.44	—	—	8.50E-02	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	8.50E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.65	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.72	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12545
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
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	8.50E-02	mg/L	—	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	8.50E-02	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.406	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.382	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12543
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.565	—	—	5.00E-02	mg/L	—	U	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.398	—	—	1.00E-02	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.367	—	—	1.40E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.34	—	—	1.70E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.359	—	—	1.40E-02	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.317	—	—	5.00E-02	ug/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.336	—	—	5.00E-02	ug/L	—	—	10-46	CAWR-09-12543

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.341	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.301	—	—	5.00E-02	ug/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172456	GF060900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.277	—	—	5.00E-02	ug/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146889	GF05090G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.311	—	—	5.00E-02	ug/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12545
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
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	5.00E-02	mg/L	—	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	146889	GU05090G6SW01
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.4	—	—	3.20E-02	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	3.20E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.8	—	—	3.20E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.5	—	—	3.20E-02	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.4	—	—	3.20E-02	mg/L	—	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	9.94	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12545
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
Spring 6	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	4.50E-02	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1.00E+00	uS/cm	—	—	10-46	CAWR-09-12543
Spring 6	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	146	—	—	1.00E+00	uS/cm	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	uS/cm	—	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	172456	GU060900G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	2.48	—	—	1.00E-01	mg/L	—	J	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.44	—	—	1.00E-01	mg/L	—	J	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.4	—	—	1.00E-01	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.39	—	—	1.00E-01	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.56	—	—	5.70E-02	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.34	—	—	1.00E-01	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.40E+00	mg/L	—	—	10-46	CAWR-09-12546

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6	09/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.38E+00	mg/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.38E+00	mg/L	—	—	172456	GU060900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.38E+00	mg/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.38E+00	mg/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.644	—	—	3.30E-01	mg/L	J	J	10-45	CAWR-09-12545
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
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
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
Spring 6	09/29/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.74	—	—	1.00E-02	SU	H	J-	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	1.00E-02	SU	H	J-	10-46	CAWR-09-12543
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
Spring 6	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	1.00E-02	SU	H	J	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	1.00E-02	SU	H	J	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.06	—	—	1.00E-02	SU	H	J	146889	GF05090G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	1.00E-02	SU	H	J	172456	GU060900G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	2.55	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.36	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12543
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.6	—	—	1.50E+00	ug/L	J	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GF05090G6SW01
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	2.26	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.66	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12545
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15532
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	ug/L	J	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	23.9	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12543
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.7	—	—	1.00E+00	ug/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.6	—	—	1.00E+00	ug/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	24.4	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.3	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12545
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15532
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.7	—	—	1.00E+00	ug/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.9	—	—	1.00E+00	ug/L	—	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.64	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.32	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12543
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.9	—	—	1.00E+00	ug/L	—	U	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.00E+00	ug/L	—	JN-	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	4.1	—	—	1.00E+00	ug/L	J	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.66	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.82	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12545
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15532

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.1	—	—	1.00E+00	ug/L	—	U	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.00E+00	ug/L	—	JN-	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	4.1	—	—	1.00E+00	ug/L	J	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	71.6	—	—	5.30E-02	mg/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.6	—	—	5.30E-02	mg/L	—	—	10-46	CAWR-09-12543
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
Spring 6	09/29/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	58.2	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.8	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12543
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	61.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.5	—	—	1.00E+00	ug/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.1	—	—	1.00E+00	ug/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.2	—	—	1.00E+00	ug/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	58.3	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.3	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12545
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.7	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15532
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.1	—	—	1.00E+00	ug/L	—	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.8	—	—	1.00E+00	ug/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.8	—	—	1.00E+00	ug/L	—	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	7.71	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12546
Spring 6	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.46	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12543
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	ug/L	—	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	ug/L	—	—	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1.00E+00	ug/L	—	—	146889	GF05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	7.72	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12545
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15532
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	ug/L	—	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1.00E+00	ug/L	—	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.9	—	—	1.00E+00	ug/L	—	—	146889	GU05090G6SW01
Spring 6	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15531
Spring 6	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.7	—	—	2.00E+00	ug/L	J*	U, J	172456	GF060900G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	6.79	—	—	3.30E+00	ug/L	J	J	10-46	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-46	CAWR-09-12545
Spring 6	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15532
Spring 6	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8.1	—	—	2.00E+00	ug/L	J*	U, J	172456	GU060900G6SW01
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00372	1.37E-03	3.00E-02	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00774	1.47E-03	2.90E-02	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	2.46	5.00E-01	5.40E+00	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.25	6.00E-01	5.30E+00	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.0368	4.67E-01	4.80E+00	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.167	4.00E-01	3.90E+00	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	0.727	2.37E-01	2.50E+00	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.2	2.70E-01	2.60E+00	—	pCi/L	U	U	10-47	CAWR-09-12545
Spring 6	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.3	3.47E-01	2.98E+00	—	pCi/L	—	J	194659	GF070900G6SW01
Spring 6	09/19/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.601	3.02E-01	3.14E+00	—	pCi/L	U	U	172456	GF060900G6SW01
Spring 6	09/27/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	1.6	1.50E-01	1.38E+00	—	pCi/L	—	J	146889	GF05090G6SW01
Spring 6	09/14/04	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.423	1.08E-01	1.23E+00	—	pCi/L	U	U	121724	GF04090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	2.33	3.00E-01	2.60E+00	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.99	3.33E-01	2.20E+00	—	pCi/L	—	—	10-47	CAWR-09-12545
Spring 6	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.37	2.86E-01	2.81E+00	—	pCi/L	U	U	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.13	2.63E-01	2.50E+00	—	pCi/L	U	U	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.76	1.81E-01	1.74E+00	—	pCi/L	—	J	146889	GU05090G6SW01
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	—	31.8	3.20E+00	2.70E+01	—	pCi/L	—	—	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	37.9	1.83E+01	4.20E+01	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	19.7	4.00E+00	3.80E+01	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.9	3.67E+00	3.90E+01	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00682	1.27E-03	2.90E-02	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00164	7.67E-04	2.70E-02	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0	8.00E-04	2.80E-02	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00328	7.67E-04	2.70E-02	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-6.55	5.67E+00	6.30E+01	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.73	6.67E+00	6.90E+01	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.109	4.67E-01	4.50E+00	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.4	5.33E-01	4.90E+00	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.229	4.33E-02	4.00E-01	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0585	4.33E-02	5.00E-01	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
Spring 6	09/24/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.0118	7.33E-03	1.27E-01	—	pCi/L	U	—	67783	GF02090G6SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Thorium-228	<	-0.00541	2.27E-03	6.60E-02	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0243	3.33E-03	6.40E-02	—	pCi/L	U	U	10-47	CAWR-09-12545
Spring 6	09/24/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0368	3.73E-03	1.34E-01	—	pCi/L	U	—	67783	GF02090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Thorium-230	<	0.00862	2.20E-03	8.30E-02	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0383	4.33E-03	8.10E-02	—	pCi/L	U	U	10-47	CAWR-09-12545
Spring 6	09/24/02	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0	1.53E-03	4.10E-02	—	pCi/L	U	—	67783	GF02090G6SW01
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Thorium-232	<	-0.0101	1.97E-03	3.90E-02	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.000482	7.67E-04	3.80E-02	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.207	1.03E-02	9.80E-02	—	pCi/L	—	—	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.187	1.03E-02	1.10E-01	—	pCi/L	—	—	10-47	CAWR-09-12545
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
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
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
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
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	-0.00341	2.53E-03	5.00E-02	—	pCi/L	U	U	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00366	1.73E-03	5.40E-02	—	pCi/L	U	U	10-47	CAWR-09-12545
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
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
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
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
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.0717	6.67E-03	6.00E-02	—	pCi/L	—	—	10-47	CAWR-09-12547
Spring 6	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.083	6.33E-03	6.40E-02	—	pCi/L	—	—	10-47	CAWR-09-12545
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
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
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
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
Spring 6	09/29/09	WG	UF	CS	FB	Voa	SW-846:8260B	Chloroform	—	0.268	—	—	2.50E-01	ug/L	J	J	10-45	CAWR-09-12548
Spring 6	09/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	10-45	CAWR-09-12545
Spring 6	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	—	ug/L	U	—	146889	GU05090G6SW01
Spring 6	09/29/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.734	—	—	3.00E-01	ug/L	J	J	10-45	CAWR-09-12544
Spring 6	09/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-45	CAWR-09-12545
Spring 6	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194659	GU070900G6SW01
Spring 6	09/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	172456	GU060900G6SW01
Spring 6	09/27/05	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	146889	GU05090G6SW01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.3	—	—	7.30E-01	mg/L	—	—	10-46	CAWR-09-12550
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.7	—	—	7.25E-01	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.2	—	—	7.25E-01	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.2	—	—	1.45E+00	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.2	—	—	7.25E-01	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12550
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
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	3.00E-02	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	3.60E-02	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.60E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12551
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
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	3.00E-02	mg/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	3.60E-02	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	3.60E-02	mg/L	—	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.3	—	—	6.60E-02	mg/L	—	—	10-46	CAWR-09-12550
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
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	6.60E-02	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.2	—	—	6.60E-02	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.62	—	—	5.30E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	2.16	—	—	6.60E-02	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.602	—	—	3.30E-02	mg/L	—	—	10-46	CAWR-09-12550
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
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.382	—	—	3.30E-02	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.436	—	—	3.30E-02	mg/L	—	U	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.416	—	—	3.00E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.457	—	—	3.30E-02	mg/L	—	U	172456	GU060900GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.3	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.8	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	4.25E-01	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	8.50E-02	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.2	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	4.25E-01	mg/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.3	—	—	8.50E-02	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	8.50E-02	mg/L	—	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	8.50E-02	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.41	—	—	8.50E-02	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.8	—	—	8.50E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.71	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12551
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
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.64	—	—	8.50E-02	mg/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.37	—	—	8.50E-02	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.8	—	—	8.50E-02	mg/L	—	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.404	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.0658	—	—	1.00E-02	mg/L	—	U	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.345	—	—	1.00E-02	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.151	—	—	1.40E-02	mg/L	—	U	172456	GF060900GA6S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.307	—	—	1.70E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.144	—	—	1.40E-02	mg/L	—	U	172456	GU060900GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.325	—	—	5.00E-02	ug/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.339	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.327	—	—	5.00E-02	ug/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.283	—	—	5.00E-02	ug/L	—	—	172456	GF060900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.306	—	—	5.00E-02	ug/L	—	—	146889	GF05090GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	5.00E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12551
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
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.94	—	—	5.00E-02	mg/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.02	—	—	5.00E-02	mg/L	—	—	146889	GU05090GA6S01
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	3.20E-02	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.5	—	—	3.20E-02	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71	—	—	3.20E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.3	—	—	3.20E-02	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	3.20E-02	mg/L	—	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12550
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
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	4.50E-02	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	4.50E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12551
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
Spring 6A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	4.50E-02	mg/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.9	—	—	4.50E-02	mg/L	—	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	155	—	—	1.00E+00	uS/cm	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	158	—	—	1.00E+00	uS/cm	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	uS/cm	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1.00E+00	uS/cm	—	—	146889	GF05090GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	151	—	—	1.00E+00	uS/cm	—	—	172456	GU060900GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.34	—	—	1.00E-01	mg/L	—	J	10-46	CAWR-09-12550
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
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.56	—	—	1.00E-01	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.83	—	—	1.00E-01	mg/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.02	—	—	5.70E-02	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.75	—	—	1.00E-01	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.40E+00	mg/L	—	—	10-46	CAWR-09-12550
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
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.38E+00	mg/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.38E+00	mg/L	—	—	172456	GF060900GA6S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.38E+00	mg/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.38E+00	mg/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.55	—	—	3.30E-01	mg/L	J	J	10-50	CAWR-09-12551
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
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
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
Spring 6A	09/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.24	—	—	1.00E-02	SU	H	J-	10-46	CAWR-09-12550
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
Spring 6A	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.74	—	—	1.00E-02	SU	H	J	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7	—	—	1.00E-02	SU	H	J	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.45	—	—	1.00E-02	SU	H	J	146889	GF05090GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.05	—	—	1.00E-02	SU	H	J	172456	GU060900GA6S01
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	69.9	—	—	6.80E+01	ug/L	J	J	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	345	—	—	6.80E+01	ug/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	5.8	—	—	1.50E+00	ug/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172456	GF060900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GF05090GA6S01
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3	—	—	1.50E+00	ug/L	J	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172456	GU060900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.3	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1.00E+00	ug/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.5	—	—	1.00E+00	ug/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.9	—	—	1.00E+00	ug/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.7	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.1	—	—	1.00E+00	ug/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.4	—	—	1.00E+00	ug/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.4	—	—	1.00E+00	ug/L	—	—	146889	GU05090GA6S01
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.1	—	—	1.00E+01	ug/L	J	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	1.00E+01	ug/L	J	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.8	—	—	1.00E+01	ug/L	J	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.3	—	—	1.50E+01	ug/L	J	J	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.1	—	—	1.00E+01	ug/L	J	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.6	—	—	1.00E+01	ug/L	J	—	172456	GU060900GA6S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.4	—	—	1.00E+01	ug/L	J	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.26	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.7	—	—	1.00E+00	ug/L	—	U	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.00E+00	ug/L	J	JN-	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.6	—	—	1.00E+00	ug/L	J	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.4	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.1	—	—	1.00E+00	ug/L	—	U	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.00E+00	ug/L	—	JN-	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	4	—	—	1.00E+00	ug/L	J	—	146889	GU05090GA6S01
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	45.1	—	—	3.00E+01	ug/L	J	J	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	242	—	—	2.50E+01	ug/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	29.6	—	—	1.80E+01	ug/L	J	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	23.2	—	—	1.80E+01	ug/L	J	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.38	—	—	1.00E-01	ug/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.9	—	—	2.00E+00	ug/L	J	J+, U	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.36	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.6	—	—	2.00E+00	ug/L	J	U, J+	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146889	GU05090GA6S01
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.508	—	—	5.00E-01	ug/L	J	J	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.59	—	—	5.00E-01	ug/L	J	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.3	—	—	5.30E-02	mg/L	—	—	10-46	CAWR-09-12550
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
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.4	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	60	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	82.5	—	—	1.00E+00	ug/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	69.4	—	—	1.00E+00	ug/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1.00E+00	ug/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.7	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.7	—	—	1.00E+00	ug/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	69.5	—	—	1.00E+00	ug/L	—	—	172456	GU060900GA6S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	75.2	—	—	1.00E+00	ug/L	—	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.484	—	—	3.00E-01	ug/L	J	J	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.55	—	—	4.00E-01	ug/L	J	U	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	146889	GF05090GA6S01
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.58	—	—	5.00E-02	ug/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.93	—	—	5.00E-02	ug/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.13	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.66	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.65	—	—	5.00E-02	ug/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.98	—	—	5.00E-02	ug/L	—	—	146889	GU05090GA6S01
Spring 6A	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.1	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12550
Spring 6A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15541
Spring 6A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.4	—	—	1.00E+00	ug/L	—	—	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	ug/L	—	—	146889	GF05090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.1	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12551
Spring 6A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15542
Spring 6A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.7	—	—	1.00E+00	ug/L	—	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	ug/L	—	—	146889	GU05090GA6S01
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00381	1.33E-03	5.10E-02	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.145	4.33E-01	4.40E+00	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.07	3.67E-01	3.10E+00	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.343	2.30E-01	2.80E+00	—	pCi/L	U	U	10-52	CAWR-09-12551
Spring 6A	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.717	2.64E-01	2.67E+00	—	pCi/L	U	U	194659	GF070900GA6S01
Spring 6A	09/19/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.76	2.63E-01	2.51E+00	—	pCi/L	U	U	172456	GF060900GA6S01
Spring 6A	09/27/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	1.79	1.58E-01	1.50E+00	—	pCi/L	—	J	146889	GF05090GA6S01
Spring 6A	09/14/04	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.08	1.24E-01	1.32E+00	—	pCi/L	U	U	121724	GF04090GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.66	3.67E-01	2.90E+00	—	pCi/L	—	—	10-52	CAWR-09-12551
Spring 6A	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.26	2.95E-01	2.77E+00	—	pCi/L	U	U	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.1	3.14E-01	2.81E+00	—	pCi/L	—	J	172456	GU060900GA6S01
Spring 6A	09/27/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.35	1.68E-01	1.63E+00	—	pCi/L	U	U	146889	GU05090GA6S01
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	75.5	6.33E+00	4.30E+01	—	pCi/L	—	—	10-52	CAWR-09-12551
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
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
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.34	3.13E+00	3.10E+01	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	3.67E-03	3.80E-02	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00903	2.37E-03	3.70E-02	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.72	6.00E+00	5.90E+01	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.492	3.67E-01	3.30E+00	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.107	4.33E-02	4.60E-01	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
Spring 6A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.0106	5.97E-03	8.80E-02	—	pCi/L	U	U	89802	GF03080GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0183	3.13E-03	6.00E-02	—	pCi/L	U	U	10-52	CAWR-09-12551
Spring 6A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0983	6.73E-03	1.64E-01	—	pCi/L	U	U	89802	GF03080GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00219	1.60E-03	7.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12551
Spring 6A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00811	2.23E-03	4.10E-02	—	pCi/L	U	U	89802	GF03080GA6S01
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00264	1.03E-03	3.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12551
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.582	1.80E-02	7.70E-02	—	pCi/L	—	—	10-52	CAWR-09-12551
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
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
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0214	3.13E-03	3.90E-02	—	pCi/L	U	U	10-52	CAWR-09-12551
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
Spring 6A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.338	1.20E-02	4.70E-02	—	pCi/L	—	—	10-52	CAWR-09-12551
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
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
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
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
Spring 6A	09/25/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.6	—	—	2.13E+00	ug/L	U	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10	—	—	2.00E+00	ug/L	U	—	172456	GU060900GA6S01
Spring 6A	10/07/03	WG	UF	CS	—	Svoa	SW-846:8270	Dichlorobenzene[1,3-]	<	10	—	—	—	ug/L	U	—	89802	GU03080GA6S01
Spring 6A	09/25/01	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10	—	—	—	ug/L	U	—	49694	GU01091GA6S
Spring 6A	09/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	—	0.375	—	—	2.50E-01	ug/L	J	J	10-50	CAWR-09-12551
Spring 6A	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	194659	GU070900GA6S01
Spring 6A	09/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	172456	GU060900GA6S01
Spring 6A	10/07/03	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	—	ug/L	U	—	89802	GU03080GA6S01
Spring 6A	09/25/01	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	—	ug/L	U	—	49694	GU01091GA6S
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.9	—	—	7.30E-01	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.9	—	—	7.25E-01	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.8	—	—	7.25E-01	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.3	—	—	7.25E-01	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.5	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	3.00E-02	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.17	—	—	3.60E-02	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.85	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	3.00E-02	mg/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.38	—	—	3.60E-02	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.71	—	—	6.60E-02	mg/L	—	J	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.85	—	—	6.60E-02	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.74	—	—	6.60E-02	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.74	—	—	6.60E-02	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.429	—	—	3.30E-02	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.278	—	—	3.30E-02	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.337	—	—	3.30E-02	mg/L	—	J+, U	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.334	—	—	3.30E-02	mg/L	—	J+, U	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.7	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	4.25E-01	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.4	—	—	8.50E-02	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.6	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	4.25E-01	mg/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	8.50E-02	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.66	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.66	—	—	8.50E-02	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.54	—	—	8.50E-02	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.69	—	—	8.50E-02	mg/L	—	—	194659	GU07090G6AAA01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.61	—	—	8.50E-02	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.441	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.418	—	—	1.00E-02	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.356	—	—	1.40E-02	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.288	—	—	1.40E-02	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.278	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.305	—	—	5.00E-02	ug/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.242	—	—	5.00E-02	ug/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.97	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.06	—	—	5.00E-02	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74.5	—	—	3.20E-02	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	76.5	—	—	3.20E-02	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	78.3	—	—	3.20E-02	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.5	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.59	—	—	4.50E-02	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.71	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	4.50E-02	mg/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	118	—	—	1.00E+00	uS/cm	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	uS/cm	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1.00E+00	uS/cm	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.9	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.08	—	—	1.00E-01	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.8	—	—	1.00E-01	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.81	—	—	1.00E-01	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	68.8	—	—	1.10E+00	mg/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.14	—	—	1.14E+00	mg/L	U	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.43	—	—	1.43E+00	mg/L	U	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.38E+00	mg/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.38E+00	mg/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.38E+00	mg/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.537	—	—	3.30E-01	mg/L	J	J	10-50	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.69	—	—	3.30E-01	mg/L	J	U	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	1.00E-02	SU	H	J	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J	172456	GF06090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	1.00E-02	SU	H	J	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	118	—	—	6.80E+01	ug/L	J	J	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194659	GU07090G6AAA01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.6	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1.00E+00	ug/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.6	—	—	1.00E+00	ug/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1.00E+00	ug/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1.00E+00	ug/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.12	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.8	—	—	1.00E+00	ug/L	—	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.00E+00	ug/L	J	JN-	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.09	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.6	—	—	1.00E+00	ug/L	—	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.4	—	—	1.00E+00	ug/L	J	JN-	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	80.2	—	—	3.00E+01	ug/L	J	J	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.52	—	—	2.00E+00	ug/L	J	J	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.1	—	—	2.00E+00	ug/L	J	U, J+	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.3	—	—	2.00E+00	ug/L	J	J+, U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.6	—	—	5.30E-02	mg/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.1	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1.00E+00	ug/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.6	—	—	1.00E+00	ug/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.8	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.5	—	—	1.00E+00	ug/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.6	—	—	1.00E+00	ug/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.311	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	5.00E-02	ug/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.19	—	—	5.00E-02	ug/L	J	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.289	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	ug/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	5.00E-02	ug/L	J	—	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.96	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12552
Spring 6AAA	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	ug/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	ug/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.52	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	ug/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.2	—	—	1.00E+00	ug/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0101	3.43E-03	4.48E-02	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0279	4.80E-03	5.08E-02	—	pCi/L	U	U	172456	GF06090G6AAA01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00134	8.33E-04	4.40E-02	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00248	2.05E-03	4.85E-02	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00984	1.99E-03	4.66E-02	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.84	1.01E+00	3.73E+00	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.471	3.63E-01	3.77E+00	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.39	4.33E-01	4.50E+00	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.828	3.67E-01	3.75E+00	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.24	2.88E-01	2.91E+00	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.911	4.33E-01	4.52E+00	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.189	3.97E-01	4.35E+00	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.795	4.67E-01	4.30E+00	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.985	3.47E-01	3.71E+00	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.05	3.53E-01	3.73E+00	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.506	2.03E-01	3.00E+00	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.09	2.78E-01	2.78E+00	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.49	2.98E-01	2.78E+00	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.5	2.43E-01	2.30E+00	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.61	2.60E-01	2.50E+00	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.657	3.03E-01	3.12E+00	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.4	2.42E+01	2.34E+02	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	112	2.76E+01	3.51E+02	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	38.5	1.00E+01	5.70E+01	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	87	1.97E+01	1.68E+02	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	71.4	2.42E+01	2.43E+02	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.42	3.02E+00	3.07E+01	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.13	2.88E+00	2.73E+01	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.63	4.00E+00	3.80E+01	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.5	3.43E+00	2.27E+01	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.16	2.45E+00	2.35E+01	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00434	1.03E-03	3.47E-02	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	8.33E-04	2.40E-02	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00645	4.33E-03	3.60E-02	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00216	1.02E-03	3.45E-02	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0114	2.71E-03	2.75E-02	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.013	1.78E-03	4.10E-02	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0025	1.18E-03	2.80E-02	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0107	2.97E-03	3.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00215	1.61E-03	4.07E-02	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0143	2.53E-03	3.20E-02	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	19.6	6.93E+00	3.26E+01	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	45.3	4.47E+00	5.85E+01	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.1	5.67E+00	5.80E+01	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.54	4.87E+00	5.02E+01	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.3	4.63E+00	2.37E+01	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.525	3.80E-01	3.58E+00	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.923	7.17E-01	3.63E+00	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.578	3.33E-01	3.30E+00	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.02	3.63E-01	2.76E+00	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.134	3.27E-01	3.81E+00	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.175	2.27E-02	3.33E-01	—	pCi/L	U	U	194659	GF07090G6AAA01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.133	2.93E-02	2.94E-01	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00831	4.33E-02	4.50E-01	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00244	2.46E-02	2.84E-01	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0529	4.00E-02	4.44E-01	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00827	2.93E-03	5.90E-02	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.017	2.27E-03	7.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00166	1.20E-03	3.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.184	8.17E-03	5.07E-02	—	pCi/L	—	—	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.183	8.40E-03	4.84E-02	—	pCi/L	—	—	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.218	9.00E-03	7.70E-02	—	pCi/L	—	—	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.172	7.70E-03	5.25E-02	—	pCi/L	—	—	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.135	6.67E-03	4.53E-02	—	pCi/L	—	—	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00278	2.45E-03	3.93E-02	—	pCi/L	U	U	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0143	2.88E-03	4.08E-02	—	pCi/L	U	U	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0107	1.80E-03	3.90E-02	—	pCi/L	U	U	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0144	3.19E-03	4.07E-02	—	pCi/L	U	U	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0161	3.12E-03	3.82E-02	—	pCi/L	U	U	172456	GU06090G6AAA01
Spring 6AAA	09/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0786	4.80E-03	4.44E-02	—	pCi/L	—	J	194659	GF07090G6AAA01
Spring 6AAA	09/19/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0881	5.50E-03	5.14E-02	—	pCi/L	—	J	172456	GF06090G6AAA01
Spring 6AAA	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0629	4.67E-03	4.70E-02	—	pCi/L	—	—	10-52	CAWR-09-12553
Spring 6AAA	09/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.079	4.90E-03	4.60E-02	—	pCi/L	—	J	194659	GU07090G6AAA01
Spring 6AAA	09/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0891	5.47E-03	4.82E-02	—	pCi/L	—	J	172456	GU06090G6AAA01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	7.30E-01	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.3	—	—	7.25E-01	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.2	—	—	7.25E-01	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.5	—	—	1.45E+00	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.6	—	—	7.25E-01	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.83	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.02	—	—	3.00E-02	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	3.60E-02	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.95	—	—	5.54E-03	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.58	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12562
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
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9	—	—	3.00E-02	mg/L	—	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	3.60E-02	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.69	—	—	6.60E-02	mg/L	—	J	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.68	—	—	6.60E-02	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.78	—	—	6.60E-02	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.61	—	—	3.22E-02	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.78	—	—	6.60E-02	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.496	—	—	3.30E-02	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.344	—	—	3.30E-02	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.409	—	—	3.30E-02	mg/L	—	U	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.327	—	—	5.53E-02	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.413	—	—	3.30E-02	mg/L	—	U	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.4	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12563

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.5	—	—	4.25E-01	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	8.50E-02	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	5.54E-03	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.5	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12562
Spring 8A	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.5	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.4	—	—	4.25E-01	mg/L	—	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	8.50E-02	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	8.50E-02	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	5.18E-03	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.69	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12562
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
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	8.50E-02	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.28	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.053	—	—	1.00E-02	mg/L	—	U	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.238	—	—	1.00E-02	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.0782	—	—	1.40E-02	mg/L	—	U	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.19	—	—	3.00E-03	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.0737	—	—	1.40E-02	mg/L	—	U	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.244	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.274	—	—	5.00E-02	ug/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172411	GF060900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.123	—	—	5.00E-02	ug/L	J	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	129631	GU05010GA8S01
Spring 8A	01/26/05	WG	UF	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.237	—	—	5.00E-02	ug/L	—	—	129631	GU05010GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.94	—	—	1.65E-02	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12562
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
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	81.6	—	—	3.20E-02	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	79.4	—	—	3.20E-02	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	84.9	—	—	2.12E-02	mg/L	—	J	129631	GF05010GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	79.2	—	—	3.20E-02	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.44E-02	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12562
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 8A	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	4.50E-02	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	117	—	—	1.00E+00	uS/cm	—	—	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1.00E+00	uS/cm	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	118	—	—	1.00E+00	uS/cm	—	—	129631	GF05010GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1.00E+00	uS/cm	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.8	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.84	—	—	1.00E-01	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.14	—	—	1.00E-01	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.65	—	—	1.93E-01	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.15	—	—	1.00E-01	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.38E+00	mg/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.38E+00	mg/L	—	—	172411	GF060900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.38E+00	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	3.07E+00	mg/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.523	—	—	3.30E-01	mg/L	J	J	10-50	CAWR-09-12562
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
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
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.37	—	—	3.30E-01	mg/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.33	—	—	1.00E-02	SU	H	J-	10-51	CAWR-09-12563
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
Spring 8A	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	1.00E-02	SU	H	J	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	—	SU	H	J	129631	GF05010GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.4	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.5	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1.00E+00	ug/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.5	—	—	1.00E+00	ug/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	2.22E-01	ug/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.8	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12562
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.1	—	—	1.00E+00	ug/L	—	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	ug/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.21	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	1.8	—	—	5.03E-01	ug/L	J	JN-	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.66	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12562
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	172411	GU060900GA8S01
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	30.5	—	—	2.50E+01	ug/L	J	J	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194658	GF070900GA8S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	43.2	—	—	1.80E+01	ug/L	J	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	12.6	—	—	1.26E+01	ug/L	U	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	44.8	—	—	3.00E+01	ug/L	J	J	10-51	CAWR-09-12562
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	104	—	—	1.80E+01	ug/L	—	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.97	—	—	1.00E-01	ug/L	—	—	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	J	U, J+	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	1.43	—	—	1.43E+00	ug/L	U	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12562
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.97	—	—	1.00E-01	ug/L	—	—	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.7	—	—	2.00E+00	ug/L	J	U, J+	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.667	—	—	5.00E-01	ug/L	J	J	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.64	—	—	5.00E-01	ug/L	J	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	2.1	—	—	6.90E-01	ug/L	J	U	129631	GF05010GA8S01
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	ug/L	J	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.8	—	—	5.30E-02	mg/L	—	—	10-51	CAWR-09-12563
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
Spring 8A	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.4	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1.00E+00	ug/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1.00E+00	ug/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.9	—	—	1.78E-01	ug/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	40.3	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12562
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.5	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1.00E+00	ug/L	—	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1.00E+00	ug/L	—	—	172411	GU060900GA8S01
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.19	—	—	5.00E-02	ug/L	J	J	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	5.00E-02	ug/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.085	—	—	5.00E-02	ug/L	J	—	172411	GF060900GA8S01
Spring 8A	10/07/03	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.058	—	—	2.00E-02	ug/L	B	—	89802	GF03080GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.365	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12562
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.21	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	ug/L	—	—	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.1	—	—	5.00E-02	ug/L	J	—	172411	GU060900GA8S01
Spring 8A	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.28	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12563
Spring 8A	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.5	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15549
Spring 8A	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	ug/L	—	—	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	ug/L	—	—	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	6.06E-01	ug/L	—	—	129631	GF05010GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.28	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12562
Spring 8A	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15550
Spring 8A	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1.00E+00	ug/L	—	—	194658	GU070900GA8S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 8A	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1.00E+00	ug/L	—	—	172411	GU060900GA8S01
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00334	1.47E-03	4.30E-02	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.3	5.67E-01	5.70E+00	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.716	5.67E-01	5.60E+00	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.128	1.77E-01	2.30E+00	—	pCi/L	U	U	10-52	CAWR-09-12562
Spring 8A	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	10.5	6.33E-01	4.45E+00	—	pCi/L	—	J	194658	GF070900GA8S01
Spring 8A	09/19/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.59	3.50E-01	3.28E+00	—	pCi/L	U	U	172411	GF060900GA8S01
Spring 8A	01/26/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.934	1.60E-01	1.98E+00	—	pCi/L	U	U	129631	GF05010GA8S01
Spring 8A	10/07/03	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.649	1.18E-01	1.33E+00	—	pCi/L	U	U	89802	GF03080GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.65	5.00E-01	3.80E+00	—	pCi/L	—	—	10-52	CAWR-09-12562
Spring 8A	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.18	5.20E-01	3.99E+00	—	pCi/L	—	J	194658	GU070900GA8S01
Spring 8A	09/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.17	4.50E-01	3.93E+00	—	pCi/L	—	J	172411	GU060900GA8S01
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	164	2.63E+01	1.50E+02	—	pCi/L	—	U	10-52	CAWR-09-12562
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.44	5.00E+00	4.40E+01	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.011	2.83E-03	3.70E-02	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00219	1.93E-03	3.60E-02	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	38.5	6.33E+00	6.90E+01	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.28	5.33E-01	4.00E+00	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00953	4.33E-02	4.40E-01	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0425	6.30E-03	1.04E-01	—	pCi/L	U	U	89802	GF03080GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00934	3.33E-03	5.90E-02	—	pCi/L	U	U	10-52	CAWR-09-12562
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.072	5.07E-03	1.94E-01	—	pCi/L	U	U	89802	GF03080GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00435	2.00E-03	7.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12562
Spring 8A	10/07/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.0147	2.66E-03	4.80E-02	—	pCi/L	U	U	89802	GF03080GA8S01
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.000482	1.40E-03	3.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.195	8.33E-03	6.70E-02	—	pCi/L	—	—	10-52	CAWR-09-12562

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00467	1.57E-03	3.40E-02	—	pCi/L	U	U	10-52	CAWR-09-12562
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
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
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
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
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
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
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
Spring 8A	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.123	6.00E-03	4.10E-02	—	pCi/L	—	—	10-52	CAWR-09-12562
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
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
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
Spring 9	09/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.4	—	—	7.30E-01	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	7.25E-01	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	7.25E-01	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.1	—	—	1.45E+00	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	7.25E-01	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	3.00E-02	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.60E-02	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.60E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12565
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
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	3.00E-02	mg/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.60E-02	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	3.60E-02	mg/L	—	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.85	—	—	6.60E-02	mg/L	—	J	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.85	—	—	6.60E-02	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	6.60E-02	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	5.30E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.93	—	—	6.60E-02	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.526	—	—	3.30E-02	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.41	—	—	3.30E-02	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.438	—	—	3.30E-02	mg/L	—	U	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.425	—	—	3.00E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.437	—	—	3.30E-02	mg/L	—	U	172411	GU060900G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12566
Spring 9	09/30/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	4.25E-01	mg/L	—	—	194658	GF070900G9SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.7	—	—	8.50E-02	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	8.50E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.4	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.9	—	—	4.25E-01	mg/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	8.50E-02	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	8.50E-02	mg/L	—	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.23	—	—	8.50E-02	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12565
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
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.125	—	—	5.00E-02	mg/L	J	J	10-51	CAWR-09-12566
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.157	—	—	5.00E-02	mg/L	J	U	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.135	—	—	1.00E-02	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.136	—	—	1.40E-02	mg/L	—	U	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.183	—	—	1.70E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.128	—	—	1.40E-02	mg/L	—	U	172411	GU060900G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.214	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12566
Spring 9	09/30/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.253	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.261	—	—	5.00E-02	ug/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172411	GF060900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.241	—	—	5.00E-02	ug/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.263	—	—	5.00E-02	ug/L	—	—	146889	GF05090G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	5.00E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12565
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
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	5.00E-02	mg/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	5.00E-02	mg/L	—	—	146889	GU05090G9SW01
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	75.3	—	—	3.20E-02	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	74	—	—	3.20E-02	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.8	—	—	3.20E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.4	—	—	3.20E-02	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.9	—	—	3.20E-02	mg/L	—	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	146889	GF05090G9SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9	09/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12565
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
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-51	CAWR-09-12566
Spring 9	09/30/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1.00E+00	uS/cm	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1.00E+00	uS/cm	—	—	146889	GF05090G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	131	—	—	1.00E+00	uS/cm	—	—	172411	GU060900G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.98	—	—	1.00E-01	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	1.00E-01	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.07	—	—	5.70E-02	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.01	—	—	1.00E-01	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	27.6	—	—	1.10E+00	mg/L	—	—	10-51	CAWR-09-12565
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
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8	—	—	1.14E+00	mg/L	—	—	194658	GU070900G9SW01
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
Spring 9	09/28/05	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.61	—	—	1.06E+00	mg/L	—	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.38E+00	mg/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.38E+00	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.38E+00	mg/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.38E+00	mg/L	—	—	146889	GF05090G9SW01
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.284	—	—	4.00E-02	mg/L	J	U	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.52	—	—	3.30E-02	mg/L	—	J	10-50	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	09-19	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	172411	GU060900G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.42	—	—	3.30E-01	mg/L	—	—	10-50	CAWR-09-12565
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
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
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.05	—	—	3.30E-01	mg/L	—	—	172411	GU060900G9SW01
Spring 9	09/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J-	10-51	CAWR-09-12566
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
Spring 9	09/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	1.00E-02	SU	H	J	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	1.00E-02	SU	H	J	146889	GF05090G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.58	—	—	1.00E-02	SU	H	J	172411	GU060900G9SW01
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	359	—	—	6.80E+01	ug/L	—	—	10-51	CAWR-09-12565

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	170	—	—	6.80E+01	ug/L	J	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	140	—	—	6.80E+01	ug/L	J	—	146889	GU05090G9SW01
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.9	—	—	1.50E+00	ug/L	J	U	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.77	—	—	1.50E+00	ug/L	J	J	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.6	—	—	1.50E+00	ug/L	J	U	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.7	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12566
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.5	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.4	—	—	1.00E+00	ug/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.3	—	—	1.00E+00	ug/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1.00E+00	ug/L	—	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.3	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.9	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.1	—	—	1.00E+00	ug/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.1	—	—	1.00E+00	ug/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1.00E+00	ug/L	—	—	146889	GU05090G9SW01
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	2.2	—	—	1.00E+00	ug/L	J	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.13	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.2	—	—	1.00E+00	ug/L	J	JN-	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	3	—	—	1.00E+00	ug/L	J	—	146889	GU05090G9SW01
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	289	—	—	3.00E+01	ug/L	—	—	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	36.8	—	—	2.50E+01	ug/L	J	J	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	127	—	—	2.50E+01	ug/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	44.1	—	—	1.80E+01	ug/L	J	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	104	—	—	1.80E+01	ug/L	—	—	146889	GU05090G9SW01
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.93	—	—	2.00E+00	ug/L	J	J	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.6	—	—	2.00E+00	ug/L	J	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.8	—	—	2.00E+00	ug/L	J	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.6	—	—	2.00E+00	ug/L	J	—	146889	GU05090G9SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9	09/29/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.11	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12566
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.8	—	—	2.00E+00	ug/L	J	J+, U	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.8	—	—	2.00E+00	ug/L	J	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.09	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.2	—	—	2.00E+00	ug/L	J	U, J+	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146889	GU05090G9SW01
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.852	—	—	5.00E-01	ug/L	J	J	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.2	—	—	5.30E-02	mg/L	—	—	10-51	CAWR-09-12566
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
Spring 9	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.5	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12566
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.3	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.9	—	—	1.00E+00	ug/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.1	—	—	1.00E+00	ug/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.5	—	—	1.00E+00	ug/L	—	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1.00E+00	ug/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.9	—	—	1.00E+00	ug/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1.00E+00	ug/L	—	—	146889	GU05090G9SW01
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.15	—	—	5.00E-02	ug/L	J	J	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	5.00E-02	ug/L	J	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.14	—	—	5.00E-02	ug/L	J	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.2	—	—	5.00E-02	ug/L	—	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.09	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.2	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	5.00E-02	ug/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	ug/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.47	—	—	5.00E-02	ug/L	—	—	146889	GU05090G9SW01
Spring 9	09/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.9	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12566
Spring 9	09/30/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15538
Spring 9	09/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	ug/L	—	—	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1.00E+00	ug/L	—	—	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1.00E+00	ug/L	—	—	146889	GF05090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.44	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12565
Spring 9	09/30/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15537
Spring 9	09/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1.00E+00	ug/L	—	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	ug/L	—	—	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	ug/L	—	—	146889	GU05090G9SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00991	2.80E-03	7.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.685	5.33E-01	4.90E+00	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.37	5.00E-01	5.50E+00	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.75	3.13E-01	2.90E+00	—	pCi/L	U	U	10-52	CAWR-09-12565
Spring 9	09/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.4	4.20E-01	3.51E+00	—	pCi/L	—	J	194658	GF070900G9SW01
Spring 9	09/19/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.66	2.95E-01	2.89E+00	—	pCi/L	U	U	172411	GF060900G9SW01
Spring 9	09/28/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.1	1.46E-01	1.41E+00	—	pCi/L	U	U	146889	GF05090G9SW01
Spring 9	09/14/04	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.205	1.40E-01	1.65E+00	—	pCi/L	U	U	121724	GF04090G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.05	2.60E-01	2.50E+00	—	pCi/L	U	U	10-52	CAWR-09-12565
Spring 9	09/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.28	5.10E-01	4.10E+00	—	pCi/L	—	J	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.02	3.43E-01	3.34E+00	—	pCi/L	U	U	172411	GU060900G9SW01
Spring 9	09/28/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.24	1.63E-01	1.59E+00	—	pCi/L	U	U	146889	GU05090G9SW01
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.2	7.33E+00	2.10E+01	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.33	2.27E+00	2.20E+01	—	pCi/L	U	U	10-52	CAWR-09-12565

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00823	2.17E-03	4.30E-02	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00235	2.00E-03	4.20E-02	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.7	5.33E+00	6.00E+01	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.374	5.00E-01	4.90E+00	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0546	4.00E-02	4.20E-01	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
Spring 9	10/08/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0226	4.40E-03	8.30E-02	—	pCi/L	U	U	89802	GF03080G9SW01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0149	4.00E-03	7.70E-02	—	pCi/L	U	U	10-52	CAWR-09-12565
Spring 9	10/08/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0899	5.47E-03	1.54E-01	—	pCi/L	U	U	89802	GF03080G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0291	3.67E-03	9.80E-02	—	pCi/L	U	U	10-52	CAWR-09-12565
Spring 9	10/08/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00959	1.75E-03	3.80E-02	—	pCi/L	U	U	89802	GF03080G9SW01
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0135	3.10E-03	4.60E-02	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.27	3.33E-02	8.10E-02	—	pCi/L	—	—	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0368	3.67E-03	4.20E-02	—	pCi/L	U	U	10-52	CAWR-09-12565
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
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
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
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
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
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
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
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
Spring 9	09/29/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.622	1.93E-02	5.00E-02	—	pCi/L	—	—	10-52	CAWR-09-12565
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
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
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
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
Spring 9	09/25/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.9	—	—	2.17E+00	ug/L	U	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.3	—	—	2.06E+00	ug/L	U	—	172411	GU060900G9SW01
Spring 9	10/08/03	WG	UF	CS	—	Svoa	SW-846:8270	Dichlorobenzene[1,3-]	<	10	—	—	—	ug/L	U	—	89802	GU03080G9SW01
Spring 9	09/25/01	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10	—	—	—	ug/L	U	—	49694	GU01091G9SW
Spring 9	09/29/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.688	—	—	3.00E-01	ug/L	J	J	10-50	CAWR-09-12564
Spring 9	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	172411	GU060900G9SW01
Spring 9	10/08/03	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	89802	GU03080G9SW01
Spring 9	09/25/01	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	49694	GU01091G9SW
Spring 9	09/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	—	0.279	—	—	2.50E-01	ug/L	J	J	10-50	CAWR-09-12565
Spring 9	09/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	194658	GU070900G9SW01
Spring 9	09/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	172411	GU060900G9SW01
Spring 9	10/08/03	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	—	ug/L	U	—	89802	GU03080G9SW01
Spring 9	09/25/01	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	—	ug/L	U	—	49694	GU01091G9SW
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.6	—	—	7.30E-01	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	7.25E-01	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	7.25E-01	mg/L	—	—	172411	GF060900GA9S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	1.45E+00	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	7.25E-01	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.93	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	3.00E-02	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	3.60E-02	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.60E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12567
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
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	3.00E-02	mg/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	3.60E-02	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.60E-02	mg/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.83	—	—	6.60E-02	mg/L	—	J	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.96	—	—	6.60E-02	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	6.60E-02	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.95	—	—	5.30E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	1.9	—	—	6.60E-02	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.575	—	—	3.30E-02	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.444	—	—	3.30E-02	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.477	—	—	3.30E-02	mg/L	—	U	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.464	—	—	3.00E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.478	—	—	3.30E-02	mg/L	—	U	172411	GU060900GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	4.25E-01	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	8.50E-02	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	8.50E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.6	—	—	4.25E-01	mg/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	8.50E-02	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	8.50E-02	mg/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	8.50E-02	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	8.50E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12567
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
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.33	—	—	8.50E-02	mg/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.317	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.0562	—	—	1.00E-02	mg/L	—	U	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.216	—	—	1.00E-02	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.0977	—	—	1.40E-02	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.296	—	—	1.70E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.102	—	—	1.40E-02	mg/L	—	—	172411	GU060900GA9S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.256	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.296	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.27	—	—	5.00E-02	ug/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172411	GF060900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.226	—	—	5.00E-02	ug/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146889	GF05090GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.27	—	—	5.00E-02	ug/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	5.00E-02	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.41	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12567
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
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	5.00E-02	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.38	—	—	5.00E-02	mg/L	—	—	146889	GU05090GA9S01
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.7	—	—	3.20E-02	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70.6	—	—	3.20E-02	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.5	—	—	3.20E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.8	—	—	3.20E-02	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.5	—	—	3.20E-02	mg/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12569
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	72.5	—	—	3.20E-02	mg/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12567
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
Spring 9A	09/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	4.50E-02	mg/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	4.50E-02	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	uS/cm	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1.00E+00	uS/cm	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1.00E+00	uS/cm	—	—	146889	GF05090GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1.00E+00	uS/cm	—	—	172411	GU060900GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.81	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.97	—	—	1.00E-01	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.99	—	—	1.00E-01	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.09	—	—	5.70E-02	mg/L	—	—	146889	GF05090GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.98	—	—	1.00E-01	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.38E+00	mg/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.38E+00	mg/L	—	—	172411	GF060900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.38E+00	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.38E+00	mg/L	—	—	146889	GF05090GA9S01

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9A	09/30/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.998	—	—	3.30E-01	mg/L	J	J	10-50	CAWR-09-12567
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
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
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.09	—	—	3.30E-01	mg/L	—	—	172411	GU060900GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J-	10-51	CAWR-09-12569
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
Spring 9A	09/26/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	1.00E-02	SU	H	J	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.79	—	—	1.00E-02	SU	H	J	146889	GF05090GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J	172411	GU060900GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.88	—	—	1.50E+00	ug/L	J	J	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	2	—	—	1.50E+00	ug/L	J	U	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GF05090GA9S01
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.6	—	—	1.50E+00	ug/L	J	U	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.82	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.5	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1.00E+00	ug/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	ug/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	1.00E+00	ug/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.09	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1.00E+00	ug/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1.00E+00	ug/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11	—	—	1.00E+00	ug/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.29	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	2.5	—	—	1.00E+00	ug/L	J	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.14	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	3.4	—	—	1.00E+00	ug/L	J	—	146889	GU05090GA9S01
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	31.3	—	—	3.00E+01	ug/L	J	J	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	29.2	—	—	2.50E+01	ug/L	J	J	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	30.4	—	—	2.50E+01	ug/L	J	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	25.6	—	—	1.80E+01	ug/L	J	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	59.4	—	—	1.80E+01	ug/L	J	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.22	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15540

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3	—	—	2.00E+00	ug/L	J	U, J+	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2.00E+00	ug/L	J	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.1	—	—	2.00E+00	ug/L	J	J+, U	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	146889	GU05090GA9S01
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.525	—	—	5.00E-01	ug/L	J	J	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.5	—	—	5.30E-02	mg/L	—	—	10-51	CAWR-09-12569
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
Spring 9A	09/30/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.9	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1.00E+00	ug/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49	—	—	1.00E+00	ug/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.1	—	—	1.00E+00	ug/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.9	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1.00E+00	ug/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.2	—	—	1.00E+00	ug/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.5	—	—	1.00E+00	ug/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.278	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.21	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.15	—	—	5.00E-02	ug/L	J	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.17	—	—	5.00E-02	ug/L	J	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	ug/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.554	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.28	—	—	5.00E-02	ug/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.19	—	—	5.00E-02	ug/L	J	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.39	—	—	5.00E-02	ug/L	—	—	146889	GU05090GA9S01
Spring 9A	09/30/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.31	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12569
Spring 9A	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15540
Spring 9A	09/26/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1.00E+00	ug/L	—	—	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	ug/L	—	—	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	ug/L	—	—	146889	GF05090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.32	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12567
Spring 9A	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15539
Spring 9A	09/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	ug/L	—	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1.00E+00	ug/L	—	—	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	ug/L	—	—	146889	GU05090GA9S01
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00116	2.07E-03	4.80E-02	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.337	5.00E-01	4.90E+00	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.16	5.33E-01	4.70E+00	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.249	2.80E-01	3.30E+00	—	pCi/L	U	U	10-52	CAWR-09-12567
Spring 9A	09/26/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.29	4.03E-01	2.84E+00	—	pCi/L	—	J	194658	GF070900GA9S01
Spring 9A	09/20/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.0902	2.99E-01	3.29E+00	—	pCi/L	U	U	172411	GF060900GA9S01
Spring 9A	09/28/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.45	1.53E-01	1.47E+00	—	pCi/L	U	U	146889	GF05090GA9S01
Spring 9A	09/14/04	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.19	1.22E-01	1.28E+00	—	pCi/L	U	U	121724	GF04090GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.217	2.67E-01	2.90E+00	—	pCi/L	U	U	10-52	CAWR-09-12567
Spring 9A	09/26/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.66	4.93E-01	4.29E+00	—	pCi/L	—	J	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.716	2.44E-01	2.52E+00	—	pCi/L	U	U	172411	GU060900GA9S01
Spring 9A	09/28/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.896	1.62E-01	1.59E+00	—	pCi/L	U	U	146889	GU05090GA9S01
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	136	1.57E+01	1.50E+02	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	30.7	6.00E+00	3.80E+01	—	pCi/L	U	U	10-52	CAWR-09-12567
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.43E-03	3.60E-02	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00215	1.90E-03	3.50E-02	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.68	5.00E+00	5.30E+01	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.13	4.67E-01	4.00E+00	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0558	4.00E-02	4.70E-01	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
Spring 9A	10/08/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-228	<	0.012	5.40E-03	1.08E-01	—	pCi/L	U	U	89802	GF03080GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00474	3.03E-03	7.10E-02	—	pCi/L	U	U	10-52	CAWR-09-12567

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
Spring 9A	10/08/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0986	6.30E-03	2.01E-01	—	pCi/L	U	U	89802	GF03080GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0205	3.00E-03	8.90E-02	—	pCi/L	U	U	10-52	CAWR-09-12567
Spring 9A	10/08/03	WG	F	CS	—	Rad	Alpha Spec	Thorium-232	<	0.0127	2.30E-03	5.00E-02	—	pCi/L	U	U	89802	GF03080GA9S01
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00465	1.17E-03	4.20E-02	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.257	9.67E-03	7.40E-02	—	pCi/L	—	—	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0206	2.77E-03	3.80E-02	—	pCi/L	U	U	10-52	CAWR-09-12567
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
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
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
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
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
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
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
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
Spring 9A	09/30/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.127	6.67E-03	4.50E-02	—	pCi/L	—	—	10-52	CAWR-09-12567
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
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
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
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
Spring 9A	09/26/07	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.6	—	—	2.13E+00	ug/L	U	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.8	—	—	2.15E+00	ug/L	U	—	172411	GU060900GA9S01
Spring 9A	10/08/03	WG	UF	CS	—	Svoa	SW-846:8270	Dichlorobenzene[1,3-]	<	10	—	—	—	ug/L	U	—	89802	GU03080GA9S01
Spring 9A	09/27/00	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	0.07	—	—	7.00E-02	ug/L	U	—	32067	GM00091GA9S
Spring 9A	09/30/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.375	—	—	3.00E-01	ug/L	J	J	10-50	CAWR-09-12567
Spring 9A	09/26/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	172411	GU060900GA9S01
Spring 9A	10/08/03	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	89802	GU03080GA9S01
Spring 9A	09/27/00	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	0.179	—	—	1.79E-01	ug/L	U	—	32345	GM00091GA9S
Spring 9A	09/30/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	—	0.513	—	—	2.50E-01	ug/L	J	J	10-50	CAWR-09-12567
Spring 9A	09/26/07	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	194658	GU070900GA9S01
Spring 9A	09/20/06	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	—	172411	GU060900GA9S01
Spring 9A	10/08/03	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	—	ug/L	U	—	89802	GU03080GA9S01
Spring 9A	09/27/00	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	0.104	—	—	1.04E-01	ug/L	U	—	32345	GM00091GA9S
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.5	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.41	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12572
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Spring 9B	09/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.03	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12571
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.97	—	—	6.60E-02	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.688	—	—	3.30E-02	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.4	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.3	—	—	4.30E-01	mg/L	—	—	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	3.50E-01	mg/L	—	—	10-51	CAWR-09-12571
Spring 9B	10/01/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	3.50E-01	mg/L	—	—	09-20	CAWR-08-15552
Spring 9B	04/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	4.30E-01	mg/L	—	—	08-1054	CAWR-08-12124
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	10-51	CAWR-09-12571
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.402	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.061	—	—	1.00E-02	mg/L	—	U	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.51	—	—	5.00E-02	mg/L	—	U	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.293	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.324	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.306	—	—	5.00E-02	ug/L	—	J	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-51	CAWR-09-12571
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	1.00E-01	mg/L	—	—	10-51	CAWR-09-12571
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1.00E+00	uS/cm	—	—	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1.00E+00	uS/cm	—	—	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.05	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.40E+00	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.837	—	—	3.30E-01	mg/L	J	J	10-50	CAWR-09-12571

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
Spring 9B	09/30/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	1.00E-02	SU	H	J-	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	3.85	—	—	1.00E+00	ug/L	J	J	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	4.3	—	—	1.00E+00	ug/L	J	J	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	4.3	—	—	1.00E+00	ug/L	J	J	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	3.83	—	—	1.00E+00	ug/L	J	J	10-51	CAWR-09-12571
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	4.5	—	—	1.00E+00	ug/L	J	J	09-20	CAWR-08-15552
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	4.3	—	—	1.00E+00	ug/L	J	J	08-1054	CAWR-08-12124
Spring 9B	09/30/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.1	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.7	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	2.50E+00	ug/L	J	J	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.24	—	—	2.50E+00	ug/L	J	J	10-51	CAWR-09-12571
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15552
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	08-1054	CAWR-08-12124
Spring 9B	09/30/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	—	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	1.00E-01	ug/L	—	—	10-51	CAWR-09-12571
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	09-20	CAWR-08-15552
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	08-1054	CAWR-08-12124
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.787	—	—	5.00E-01	ug/L	J	J	10-51	CAWR-09-12571
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15552
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.58	—	—	5.00E-01	ug/L	J	J	08-1054	CAWR-08-12124
Spring 9B	09/30/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.1	—	—	5.30E-02	mg/L	—	—	10-55	CAWR-09-12572
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
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
Spring 9B	09/30/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.7	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.9	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.2	—	—	1.00E+00	ug/L	—	—	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.4	—	—	1.00E+00	ug/L	—	—	10-51	CAWR-09-12571
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15552
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.9	—	—	1.00E+00	ug/L	—	—	08-1054	CAWR-08-12124
Spring 9B	09/30/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.148	—	—	5.00E-02	ug/L	J	J	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.21	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.21	—	—	5.00E-02	ug/L	—	—	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.293	—	—	5.00E-02	ug/L	—	—	10-51	CAWR-09-12571
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.24	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15552
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	5.00E-02	ug/L	—	—	08-1054	CAWR-08-12124
Spring 9B	09/30/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12572
Spring 9B	10/01/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12.7	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15551
Spring 9B	04/23/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.6	—	—	1.00E+00	ug/L	—	—	08-1054	CAWR-08-12125
Spring 9B	09/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.3	—	—	1.00E+00	ug/L	—	J	10-51	CAWR-09-12571
Spring 9B	10/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15552
Spring 9B	04/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.8	—	—	1.00E+00	ug/L	—	—	08-1054	CAWR-08-12124
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

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0126	7.00E-03	5.30E-02	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.562	4.67E-01	4.60E+00	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.07	4.67E-01	5.40E+00	—	pCi/L	U	U	10-52	CAWR-09-12571
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.769	2.83E-01	3.10E+00	—	pCi/L	U	U	10-52	CAWR-09-12571
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.32	3.30E-01	2.70E+00	—	pCi/L	—	—	10-52	CAWR-09-12571
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.1	2.80E+00	1.70E+01	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.38	3.67E+00	3.40E+01	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0175	3.00E-03	3.30E-02	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0136	2.33E-03	3.10E-02	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.37	5.67E+00	5.80E+01	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.474	4.67E-01	4.50E+00	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.14	4.67E-02	4.70E-01	—	pCi/L	U	U	10-52	CAWR-09-12571
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00164	2.57E-03	5.80E-02	—	pCi/L	U	UJ	10-52	CAWR-09-12571
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0166	2.00E-03	7.40E-02	—	pCi/L	U	UJ	10-52	CAWR-09-12571
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00259	1.23E-03	3.50E-02	—	pCi/L	U	UJ	10-52	CAWR-09-12571
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.138	6.67E-03	7.30E-02	—	pCi/L	—	—	10-52	CAWR-09-12571

Table C-2 Analytical Results

Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample
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
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00511	2.10E-03	3.80E-02	—	pCi/L	U	U	10-52	CAWR-09-12571
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
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
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
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
Spring 9B	09/30/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.06	4.67E-03	4.50E-02	—	pCi/L	—	—	10-52	CAWR-09-12571
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
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
Spring 9B	04/23/08	WG	UF	CS	—	Svoa	SW-846:8270C	Dichlorobenzene[1,3-]	<	10.5	—	—	2.10E+00	ug/L	U	U	08-1054	CAWR-08-12124
Spring 9B	09/30/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	—	0.316	—	—	2.50E-01	ug/L	J	J	10-50	CAWR-09-12571
Spring 9B	04/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Dichlorobenzene[1,3-]	<	1	—	—	2.50E-01	ug/L	U	U	08-1054	CAWR-08-12124
Spring 9B	09/30/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.533	—	—	2.50E-01	ug/L	J	J	10-50	CAWR-09-12571
Spring 9B	04/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	08-1054	CAWR-08-12124

Appendix D

Analytical Chemistry Screening Results

The following pages provide (1) acronyms and abbreviations and (2) analytical laboratory qualifier codes. The secondary data validation summary is provided in Appendix F.

Acronyms and Abbreviations

Code	Description
Field Prep Codes	
ASHED	Ashed
CRUSH	Crushed
F	Filtered
NA	Not Analyzed
SV	Sieved
UA	Unassigned
UF	Unfiltered
UNK	Unknown
Field QC Type Codes	
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 associated with a sampling event
ITB	Trip blank taken during installation and not associated 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
Suite Codes	
DIOX/FUR	Dioxins and Furans
DRO	Diesel Range Organics
GENINORG	General Inorganics
HERB	Herbicides

Acronyms and Abbreviations (continued)

Code	Description
HEXP	High Explosives
METALS	Metal
PEST/PCB	Pesticides and PCBs
RAD	Radionuclides
SVOA	Semivolatile Organics
VOA	Volatile Organics
Lab Sample Type Codes	
BLIND	Blind Quality Control
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

Analytical Laboratory Qualifier Codes

Laboratory Qualifier Code	Laboratory Qualifier Description
*	(Inorganic)—Duplicate analysis (relative percent difference) not within control limits. (Organic)—Spike recovery (relative percent difference) is equal to or outside the control criteria used.
B	(Organic)—Analyte present in the blank and the sample. (Inorganic)—reported value was obtained from a reading that was less than the contract-required detection limit (CRDL) but greater than or equal to the instrument detection limit (IDL).
BJ	See B code and see J code.
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 IDL but less than the CRDL. (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 gas chromatography (GC) columns were greater than 25% difference. (P) (SW-846 U.S. Environmental Protection Agency (EPA) Method 8310, High Pressure Liquid Chromatography, 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 IDL but less than the CRDL. (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 Chromatography, 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.
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 MDL but less than the PQL.
DNA	Did not analyze because equipment was broken.
E	EPA Flag—The result for this analyte exceeded the upper range of the instrument initial calibration curve.
EJ	(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 [ICP-AES])—The result for this analyte in the serial dilution 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) (graphite furnace atomic absorption [GFAA])—The result for this analyte failed one or more Control Laboratory Program (CLP) acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the 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	See E code and see N code.

Analytical Laboratory Qualifier Codes (continued)

Laboratory Qualifier Code	Laboratory Qualifier Description
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 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.
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 MDL but less than the 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 MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
INS	(d15N)—The d15N of nitrate is a signature of the nitrate present in a sample. Therefore, nitrate has to be present to have a signature. A d15N value cannot be given to a blank, since the blank does not have nitrate. This is different than most analytical methods where you would run a blank and use the designator: “nondetect” or detected, but below detection limit.
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
J*	This code is no longer used.
JB	See J code and see B code
JN	(J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the Practical Quantitation Limit (PQL). (N) (Organic)—The reported analyte is a TIC.
JN*	(J) (Organic/Inorganic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. (N) (Organic)—The reported analyte is a TIC.
JP	See J code and see P code.
N	(Organic)—Presumptive evidence of presence of material. (Inorganic)—Spiked sample recovery not within control limits.
N*	This code is no longer used.
P	This code is no longer used.
U	(Inorganic)—The material was analyzed for but was not detected above the level of the associated numeric value. The associated numerical value is either the sample quantitation limit or the sample detection limit.

Analytical Laboratory Qualifier Codes (continued)

Laboratory Qualifier Code	Laboratory Qualifier Description
U*	See U code and see * code.
UE	See U code and see E code.
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. Spiked sample recovery not within control limits.
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	This code is no longer used.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery not within control limits.
UN*	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery not within control limits. Duplicate analysis not within control limits.
X	The result for this analyte was not detected at the specified reporting limit (used for gas chromatography methods).

Table D-1
Surface-Water Organics

Field Matrix Code	Location	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Human Health 05 Screening Level	Ratio (Result/Screening Level)	EPA TAP Water Screening Level N	Ratio (Result/Screening Level)
WS	Rio Grande at Frijoles	09/30/09	FB	UF	CS	VOA	Chloroform	—*	0.326	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	4700	—	—	—
Previously Unreported Results																					
WP	Mortandad at Rio Grande	09/24/07	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	9.64	2.13	µg/L	1	J	J+	SWQ9	GELC	22	0.4	—	—
WP	Mortandad at Rio Grande	09/24/07		UF	CS	VOA	Acetone	—	—	7.73	1.25	µg/L			J+, J-	—	GELC	—	—	22000	0.00035

*— = None.

Table D-2
Surface-Water Perchlorate

Field Matrix Code	Location	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
WS	Rio Grande at Frijoles	09/30/09	—*	F	CS	ClO4	SW-846:6850	—	0.0729	0.05	µg/L	1	J	J	J_LAB	GELC
WS	Rio Grande at Frijoles	09/30/09	FD	F	CS	ClO4	SW-846:6850	—	0.0708	0.05	µg/L	1	J	J	J_LAB	GELC
WS	Pajarito at Rio Grande	09/30/09	—	F	CS	ClO4	SW-846:6850	—	0.542	0.05	µg/L	1	—	—	—	GELC
WS	Ancho at Rio Grande	09/30/09	—	F	CS	ClO4	SW-846:6850	—	0.167	0.05	µg/L	1	J	J	J_LAB	GELC

*— = None.

Table D-3
Surface Water Tritium – Not Previously Reported

Field Matrix Code	Location	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Method Detection Limit	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
WP	Mortandad at Rio Grande	09/24/07	H-3	UF	CS	—*	—	4.57	0.29	0.28737	—	pCi/L	Generic:LLEE	UMTL	—	—	—

*— = None.

Table D-4
Surface-Water Radionuclides

Field Matrix Code	Location	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
WS	Rio Grande at Frijoles	09/30/09	GROSSAB	UF	CS	FD	—*	6.95	1.7	2.6	pCi/L	GELC	EPA:900	—	—	—
WS	Rio Grande at Frijoles	09/30/09	GROSSAB	UF	CS	—	—	6.91	1.7	2.7	pCi/L	GELC	EPA:900	—	—	—
WS	Ancho at Rio Grande	09/30/09	GROSSAB	UF	CS	—	<	3.84	1.4	3.7	pCi/L	GELC	EPA:900	—	U	R11

*— = None.

Table D-5
Groundwater Metals

Zone	Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Method Detection Limit	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NMWQCC STD	Ratio (Result/Screening Level)
Regional Spring	Sacred Spring	SPRING	—*	09/22/09	Mn	F	CS	FD	—	195	2	µg/L	GELC	—	—	—	SW-846:6010B	200	0.98
Regional Spring	Sacred Spring	SPRING	—	09/22/09	Mn	F	CS	—	—	197	2	µg/L	GELC	—	—	—	SW-846:6010B	200	0.99

*— = None.

Table D-6
Groundwater Organics

Zone	Location	Well Class	Port Depth (ft)	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte Description	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Screening Level)	EPA TAP Water Screening Level C-5	Ratio (Result/Screening Level)	EPA TAP Water Screening Level N	Ratio (Result/Screening Level)	MNWQCC STD	Ratio (Result/Screening Level)
Regional Spring	Sacred Spring	SPRING	—*	09/22/09	FB	UF	CS	SVOA	Benzo(g,h,i)perylene	191-24-2	—	0.478	0.22	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	—	—	—	—	—	—	—	—
Regional Spring	Sacred Spring	SPRING	—	09/22/09	FB	UF	CS	SVOA	Dibenz(a,h)anthracene	53-70-3	—	2.09	0.22	µg/L	1	—	J	SV7c	SW-846:8270C	GELC	—	—	0.029	72.07	—	—	—	—
Regional Spring	Sacred Spring	SPRING	—	09/22/09	FB	UF	CS	SVOA	Indeno(1,2,3-cd)pyrene	193-39-5	—	0.605	0.22	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	—	—	0.29	2.09	—	—	—	—
Regional Spring	Sacred Spring	SPRING	—	09/22/09	FD	UF	CS	VOA	Acetone	67-64-1	—	4.74	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional Spring	Sacred Spring	SPRING	—	09/22/09	FD	UF	CS	VOA	Toluene	108-88-3	—	0.457	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional Spring	Sacred Spring	SPRING	—	09/22/09	—	UF	CS	VOA	Acetone	67-64-1	—	4.15	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional Spring	La Mesita Spring	SPRING	—	09/22/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	4.08	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional Spring	La Mesita Spring	SPRING	—	09/22/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.399	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	La Mesita Spring	SPRING	—	09/22/09	—	UF	CS	SVOA	Dibenz(a,h)anthracene	53-70-3	—	1.63	0.22	µg/L	1	—	J	SV7c	SW-846:8270C	GELC	—	—	0.029	56.21	—	—	—	—
Regional Spring	Sandia Spring	SPRING	—	09/23/09	PEB	UF	CS	VOA	Acetone	67-64-1	—	3.76	3.5	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional Spring	Sandia Spring	SPRING	—	09/23/09	PEB	UF	CS	VOA	Chlorobenzene	108-90-7	—	2.31	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	100	0.02	—	—	91	0.03	—	—
Regional Spring	Spring 3	SPRING	—	09/28/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.599	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 3A	SPRING	—	09/28/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.892	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 3AA	SPRING	—	09/28/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.484	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 4	SPRING	—	09/28/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.341	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 4B	SPRING	—	09/28/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.405	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 4AA	SPRING	—	09/28/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.576	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 4A	SPRING	—	09/28/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.355	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 5	SPRING	—	09/29/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.372	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 6	SPRING	—	09/29/09	FB	UF	CS	VOA	Chloroform	67-66-3	—	0.268	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	—	1.9	0.14	—	—	100	—
Regional Spring	Spring 6	SPRING	—	09/29/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.734	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 9	SPRING	—	09/29/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.688	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 9A	SPRING	—	09/30/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.375	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional Spring	Spring 9B	SPRING	—	09/30/09	—	UF	CS	VOA	Toluene	108-88-3	—	0.533	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—

*— = None.

Table D-7
Groundwater Perchlorate

Zone	Location	Well Class	Port Depth (ft)	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Regional Spring	Sacred Spring	SPRING	—*	09/22/09	—	F	CS	ClO4	SW-846:6850	—	0.105	0.05	µg/L	1	J	J	J_LAB	GELC
Regional Spring	Sacred Spring	SPRING	—	09/22/09	FD	F	CS	ClO4	SW-846:6850	—	0.109	0.05	µg/L	1	J	J	J_LAB	GELC
Regional Spring	La Mesita Spring	SPRING	—	09/22/09	—	F	CS	ClO4	SW-846:6850	—	0.833	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.448	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3A	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.459	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3A	SPRING	—	09/28/09	FD	F	CS	ClO4	SW-846:6850	—	0.435	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3AA	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.434	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.622	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3AA	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.434	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.622	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4C	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.701	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4B	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.534	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4AA	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.602	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4A	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.585	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 5	SPRING	—	09/29/09	—	F	CS	ClO4	SW-846:6850	—	0.425	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 5B	SPRING	—	09/29/09	—	F	CS	ClO4	SW-846:6850	—	0.371	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Ancho Spring	SPRING	—	09/29/09	—	F	CS	ClO4	SW-846:6850	—	0.317	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 6	SPRING	—	09/29/09	—	F	CS	ClO4	SW-846:6850	—	0.336	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 6	SPRING	—	09/29/09	FD	F	CS	ClO4	SW-846:6850	—	0.317	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 6A	SPRING	—	09/29/09	—	F	CS	ClO4	SW-846:6850	—	0.325	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 6AAA	SPRING	—	09/29/09	—	F	CS	ClO4	SW-846:6850	—	0.278	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 8A	SPRING	—	09/29/09	—	F	CS	ClO4	SW-846:6850	—	0.244	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 9	SPRING	—	09/29/09	—	F	CS	ClO4	SW-846:6850	—	0.214	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 9A	SPRING	—	09/30/09	—	F	CS	ClO4	SW-846:6850	—	0.256	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 9B	SPRING	—	09/30/09	—	F	CS	ClO4	SW-846:6850	—	0.293	0.05	µg/L	1	—	—	—	GELC

*— = None.

Table D-8
Groundwater Tritium

Zone	Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Method Detection Limit	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional Spring	Sacred Spring	SPRING	—*	09/22/09	H-3	UF	CS	FD	<	0.35	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Sacred Spring	SPRING	—	09/22/09	H-3	UF	CS	—	<	0.22	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	La Mesita Spring	SPRING	—	09/22/09	H-3	UF	CS	—	<	—	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Sandia Spring	SPRING	—	09/23/09	H-3	UF	CS	PEB	<	—	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Sandia Spring	SPRING	—	09/23/09	H-3	UF	CS	—	<	-0.22	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5

*— = None.

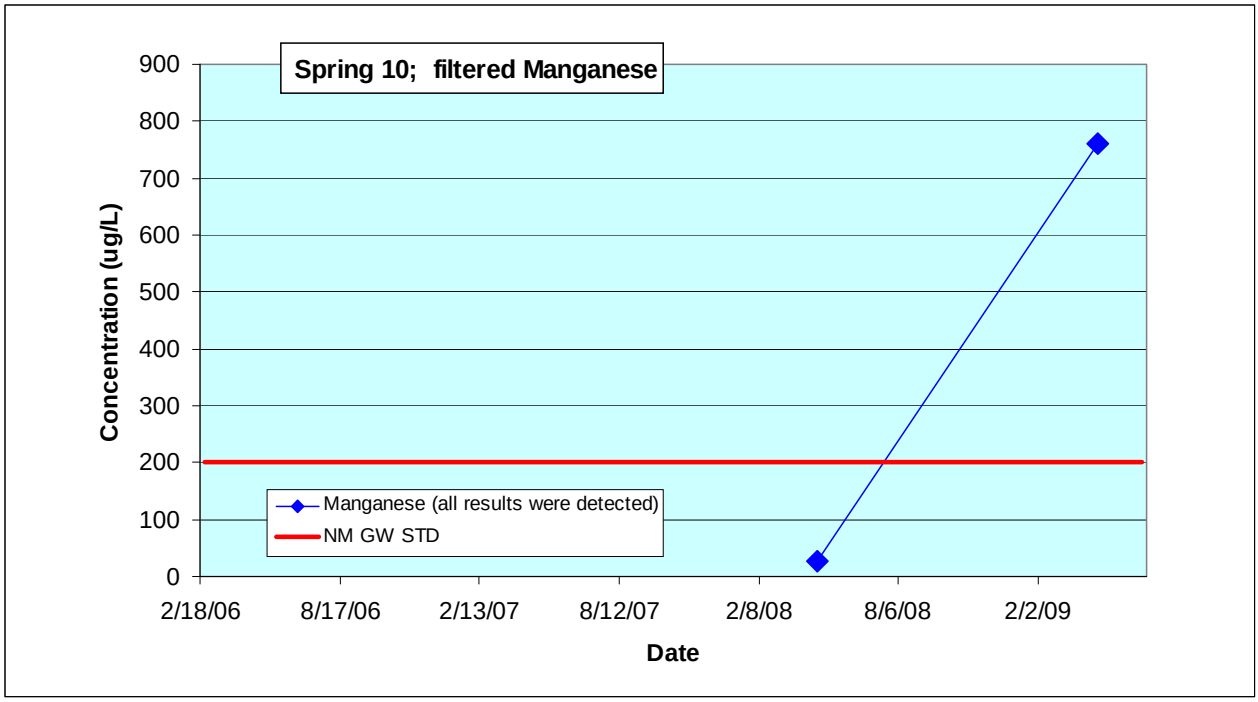
Table D-9
Groundwater Radionuclides

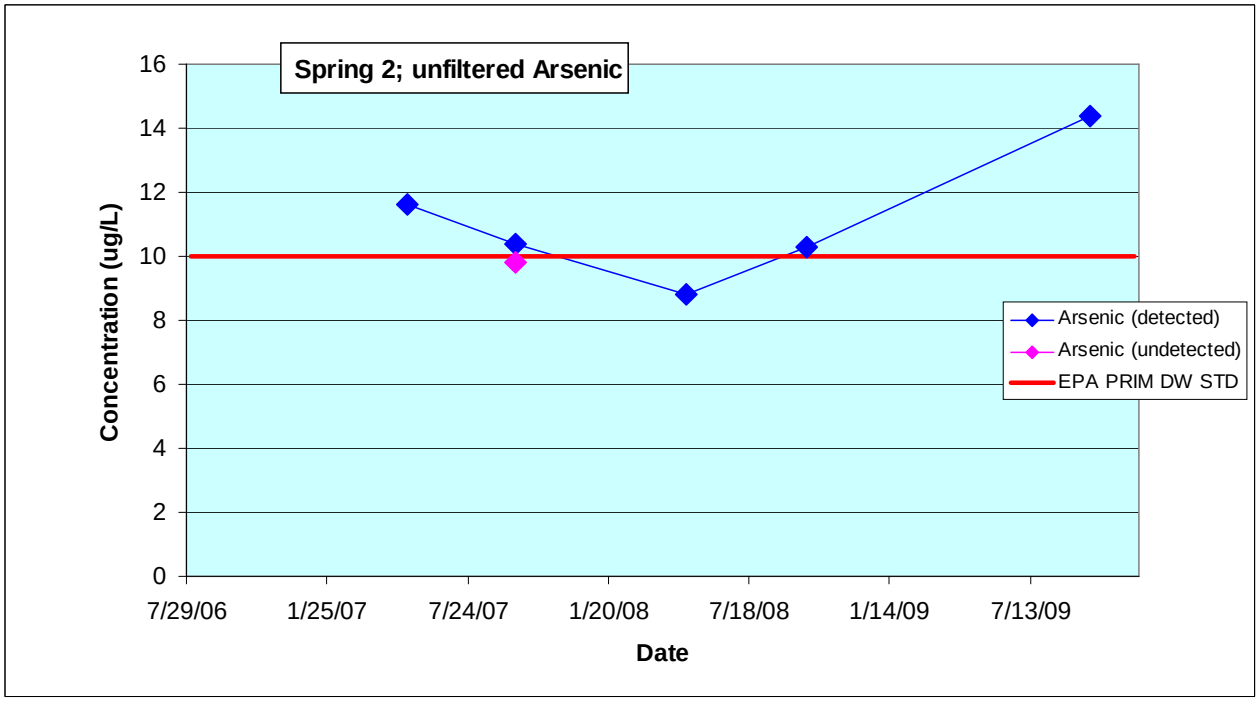
Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG Screening Level	Ratio (Result/Screening Level)	DOE DW DCG Screening Level	Ratio (Result/Screening Level)	NMWQCC Standard	Ratio (Result/Screening Level)
La Mesita Spring	SPRING	0	09/22/09	U	F	CS	—*	—	10.1	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.01	30	0.34	30	0.34
La Mesita Spring	SPRING	0	09/22/09	U	UF	CS	—	—	10.5	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.01	30	0.35	30	0.35
La Mesita Spring	SPRING	0	09/22/09	U-234	UF	CS	—	—	5.39	0.4	0.1	pCi/L	GELC	HASL-300:ISOU	—	—	—	—	—	20	0.27	—	—

*— = None.

Appendix E

Analytical Chemistry Graphs of Screening-Level Exceedances


Spring 10; filtered Manganese
Concentration (ug/L)
900
800
700
600
500
400
300
200
100
0
2/18/06
8/17/06
2/13/07
8/12/07
2/8/08
8/6/08
2/2/09
Date
Manganese (all results were detected)
NM GW STD


Spring 2; unfiltered Arsenic
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
7/29/06
1/25/07
7/24/07
1/20/08
7/18/08
1/14/09
7/13/09
Date
Arsenic (detected)
Arsenic (undetected)
EPA PRIM DW STD

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Request	Suite	Lab	Sample	Date	Location
09-3313	GENINORG	GELC	CAWR-09-12471	9/22/2009	Sacred Spring
09-3313	GENINORG	GELC	CAWR-09-12476	9/22/2009	Sacred Spring
09-3313	GENINORG	GELC	CAWR-09-12480	9/22/2009	La Mesita Spring
09-3313	SVOA	GELC	CAWR-09-12471	9/22/2009	Sacred Spring
09-3313	SVOA	GELC	CAWR-09-12474	9/22/2009	Sacred Spring
09-3313	SVOA	GELC	CAWR-09-12476	9/22/2009	Sacred Spring
09-3313	SVOA	GELC	CAWR-09-12480	9/22/2009	La Mesita Spring
09-3313	VOA	GELC	CAWR-09-12471	9/22/2009	Sacred Spring
09-3313	VOA	GELC	CAWR-09-12473	9/22/2009	Sacred Spring
09-3313	VOA	GELC	CAWR-09-12474	9/22/2009	Sacred Spring
09-3313	VOA	GELC	CAWR-09-12476	9/22/2009	Sacred Spring
09-3313	VOA	GELC	CAWR-09-12478	9/22/2009	La Mesita Spring
09-3313	VOA	GELC	CAWR-09-12480	9/22/2009	La Mesita Spring
09-3314	GENINORG	GELC	CAWR-09-12471	9/22/2009	Sacred Spring
09-3314	GENINORG	GELC	CAWR-09-12472	9/22/2009	Sacred Spring
09-3314	GENINORG	GELC	CAWR-09-12476	9/22/2009	Sacred Spring
09-3314	GENINORG	GELC	CAWR-09-12477	9/22/2009	Sacred Spring
09-3314	GENINORG	GELC	CAWR-09-12479	9/22/2009	La Mesita Spring
09-3314	GENINORG	GELC	CAWR-09-12480	9/22/2009	La Mesita Spring
09-3314	METALS	GELC	CAWR-09-12471	9/22/2009	Sacred Spring
09-3314	METALS	GELC	CAWR-09-12472	9/22/2009	Sacred Spring
09-3314	METALS	GELC	CAWR-09-12476	9/22/2009	Sacred Spring
09-3314	METALS	GELC	CAWR-09-12477	9/22/2009	Sacred Spring
09-3314	METALS	GELC	CAWR-09-12479	9/22/2009	La Mesita Spring
09-3314	METALS	GELC	CAWR-09-12480	9/22/2009	La Mesita Spring
09-3315	RAD	GELC	CAWR-09-12471	9/22/2009	Sacred Spring
09-3315	RAD	GELC	CAWR-09-12476	9/22/2009	Sacred Spring
09-3315	RAD	GELC	CAWR-09-12480	9/22/2009	La Mesita Spring
09-3316	RAD	UMTL	CAWR-09-12471	9/22/2009	Sacred Spring
09-3316	RAD	UMTL	CAWR-09-12476	9/22/2009	Sacred Spring
09-3316	RAD	UMTL	CAWR-09-12480	9/22/2009	La Mesita Spring
09-3326	RAD	UMTL	CAWR-09-12475	9/23/2009	Sandia Spring
09-3326	RAD	UMTL	CAWR-09-12481	9/23/2009	Sandia Spring
09-3328	HEXP	STSL	CAWR-09-12475	9/23/2009	Sandia Spring
09-3329	GENINORG	GELC	CAWR-09-12475	9/23/2009	Sandia Spring
09-3329	GENINORG	GELC	CAWR-09-12481	9/23/2009	Sandia Spring
09-3329	HEXP	GELC	CAWR-09-12475	9/23/2009	Sandia Spring
09-3329	PEST/PCB	GELC	CAWR-09-12475	9/23/2009	Sandia Spring
09-3329	SVOA	GELC	CAWR-09-12475	9/23/2009	Sandia Spring

Request	Suite	Lab	Sample	Date	Location
09-3329	SVOA	GELC	CAWR-09-12481	9/23/2009	Sandia Spring
09-3329	VOA	GELC	CAWR-09-12475	9/23/2009	Sandia Spring
09-3329	VOA	GELC	CAWR-09-12481	9/23/2009	Sandia Spring
09-3329	VOA	GELC	CAWR-09-12482	9/23/2009	Sandia Spring
10-16	HEXP	STSL	CAWR-09-12519	9/28/2009	Spring 4
10-16	HEXP	STSL	CAWR-09-12524	9/28/2009	Spring 4A
10-16	HEXP	STSL	CAWR-09-12526	9/28/2009	Spring 4AA
10-16	HEXP	STSL	CAWR-09-12532	9/28/2009	Spring 4B
10-16	HEXP	STSL	CAWR-09-12535	9/28/2009	Spring 4C
10-17	HEXP	GELC	CAWR-09-12519	9/28/2009	Spring 4
10-17	HEXP	GELC	CAWR-09-12524	9/28/2009	Spring 4A
10-17	HEXP	GELC	CAWR-09-12526	9/28/2009	Spring 4AA
10-17	HEXP	GELC	CAWR-09-12532	9/28/2009	Spring 4B
10-17	HEXP	GELC	CAWR-09-12535	9/28/2009	Spring 4C
10-17	PEST/PCB	GELC	CAWR-09-12519	9/28/2009	Spring 4
10-17	PEST/PCB	GELC	CAWR-10-55	9/28/2009	Spring 3
10-17	SVOA	GELC	CAWR-09-12502	9/28/2009	Spring 3A
10-17	SVOA	GELC	CAWR-09-12504	9/28/2009	Spring 3A
10-17	SVOA	GELC	CAWR-09-12506	9/28/2009	Spring 3A
10-17	SVOA	GELC	CAWR-09-12510	9/28/2009	Spring 3AA
10-17	SVOA	GELC	CAWR-09-12519	9/28/2009	Spring 4
10-17	SVOA	GELC	CAWR-09-12524	9/28/2009	Spring 4A
10-17	SVOA	GELC	CAWR-09-12526	9/28/2009	Spring 4AA
10-17	SVOA	GELC	CAWR-09-12532	9/28/2009	Spring 4B
10-17	SVOA	GELC	CAWR-09-12535	9/28/2009	Spring 4C
10-17	SVOA	GELC	CAWR-10-55	9/28/2009	Spring 3
10-17	VOA	GELC	CAWR-09-12499	9/28/2009	Spring 3
10-17	VOA	GELC	CAWR-09-12502	9/28/2009	Spring 3A
10-17	VOA	GELC	CAWR-09-12503	9/28/2009	Spring 3A
10-17	VOA	GELC	CAWR-09-12504	9/28/2009	Spring 3A
10-17	VOA	GELC	CAWR-09-12506	9/28/2009	Spring 3A
10-17	VOA	GELC	CAWR-09-12510	9/28/2009	Spring 3AA
10-17	VOA	GELC	CAWR-09-12511	9/28/2009	Spring 3AA
10-17	VOA	GELC	CAWR-09-12519	9/28/2009	Spring 4
10-17	VOA	GELC	CAWR-09-12521	9/28/2009	Spring 4
10-17	VOA	GELC	CAWR-09-12524	9/28/2009	Spring 4A
10-17	VOA	GELC	CAWR-09-12525	9/28/2009	Spring 4A
10-17	VOA	GELC	CAWR-09-12526	9/28/2009	Spring 4AA
10-17	VOA	GELC	CAWR-09-12528	9/28/2009	Spring 4AA
10-17	VOA	GELC	CAWR-09-12532	9/28/2009	Spring 4B
10-17	VOA	GELC	CAWR-09-12533	9/28/2009	Spring 4B

Request	Suite	Lab	Sample	Date	Location
10-17	VOA	GELC	CAWR-09-12535	9/28/2009	Spring 4C
10-17	VOA	GELC	CAWR-09-12536	9/28/2009	Spring 4C
10-17	VOA	GELC	CAWR-09-12589	9/28/2009	Pajarito at Rio Grande
10-17	VOA	GELC	CAWR-09-12591	9/28/2009	Pajarito at Rio Grande
10-17	VOA	GELC	CAWR-10-55	9/28/2009	Spring 3
10-40	HEXP	STSL	CAWR-09-12512	9/29/2009	Spring 5
10-40	HEXP	STSL	CAWR-09-12539	9/29/2009	Ancho Spring
10-40	HEXP	STSL	CAWR-09-12542	9/29/2009	Spring 5B
10-40	HEXP	STSL	CAWR-09-12545	9/29/2009	Spring 6
10-40	HEXP	STSL	CAWR-09-12547	9/29/2009	Spring 6
10-41	GENINORG	GELC	CAWR-09-12501	9/28/2009	Spring 3A
10-41	GENINORG	GELC	CAWR-09-12507	9/28/2009	Spring 3A
10-41	GENINORG	GELC	CAWR-09-12509	9/28/2009	Spring 3AA
10-41	GENINORG	GELC	CAWR-09-12512	9/29/2009	Spring 5
10-41	GENINORG	GELC	CAWR-09-12520	9/28/2009	Spring 4
10-41	GENINORG	GELC	CAWR-09-12522	9/28/2009	Spring 4A
10-41	GENINORG	GELC	CAWR-09-12529	9/28/2009	Spring 4AA
10-41	HEXP	GELC	CAWR-09-12512	9/29/2009	Spring 5
10-41	SVOA	GELC	CAWR-09-12512	9/29/2009	Spring 5
10-41	VOA	GELC	CAWR-09-12512	9/29/2009	Spring 5
10-41	VOA	GELC	CAWR-09-12514	9/29/2009	Spring 5
10-42	GENINORG	GELC	CAWR-09-12500	9/28/2009	Spring 3A
10-42	GENINORG	GELC	CAWR-09-12501	9/28/2009	Spring 3A
10-42	GENINORG	GELC	CAWR-09-12505	9/28/2009	Spring 3A
10-42	GENINORG	GELC	CAWR-09-12507	9/28/2009	Spring 3A
10-42	GENINORG	GELC	CAWR-09-12508	9/28/2009	Spring 3AA
10-42	GENINORG	GELC	CAWR-09-12509	9/28/2009	Spring 3AA
10-42	GENINORG	GELC	CAWR-09-12512	9/29/2009	Spring 5
10-42	GENINORG	GELC	CAWR-09-12513	9/29/2009	Spring 5
10-42	GENINORG	GELC	CAWR-09-12518	9/28/2009	Spring 4
10-42	GENINORG	GELC	CAWR-09-12520	9/28/2009	Spring 4
10-42	GENINORG	GELC	CAWR-09-12522	9/28/2009	Spring 4A
10-42	GENINORG	GELC	CAWR-09-12523	9/28/2009	Spring 4A
10-42	GENINORG	GELC	CAWR-09-12527	9/28/2009	Spring 4AA
10-42	GENINORG	GELC	CAWR-09-12529	9/28/2009	Spring 4AA
10-42	GENINORG	GELC	CAWR-09-12530	9/28/2009	Spring 4B
10-42	METALS	GELC	CAWR-09-12500	9/28/2009	Spring 3A
10-42	METALS	GELC	CAWR-09-12501	9/28/2009	Spring 3A
10-42	METALS	GELC	CAWR-09-12505	9/28/2009	Spring 3A
10-42	METALS	GELC	CAWR-09-12507	9/28/2009	Spring 3A
10-42	METALS	GELC	CAWR-09-12508	9/28/2009	Spring 3AA

Request	Suite	Lab	Sample	Date	Location
10-42	METALS	GELC	CAWR-09-12509	9/28/2009	Spring 3AA
10-42	METALS	GELC	CAWR-09-12512	9/29/2009	Spring 5
10-42	METALS	GELC	CAWR-09-12513	9/29/2009	Spring 5
10-42	METALS	GELC	CAWR-09-12518	9/28/2009	Spring 4
10-42	METALS	GELC	CAWR-09-12520	9/28/2009	Spring 4
10-42	METALS	GELC	CAWR-09-12522	9/28/2009	Spring 4A
10-42	METALS	GELC	CAWR-09-12523	9/28/2009	Spring 4A
10-42	METALS	GELC	CAWR-09-12527	9/28/2009	Spring 4AA
10-42	METALS	GELC	CAWR-09-12529	9/28/2009	Spring 4AA
10-42	METALS	GELC	CAWR-09-12530	9/28/2009	Spring 4B
10-43	RAD	GELC	CAWR-09-12501	9/28/2009	Spring 3A
10-43	RAD	GELC	CAWR-09-12507	9/28/2009	Spring 3A
10-43	RAD	GELC	CAWR-09-12509	9/28/2009	Spring 3AA
10-43	RAD	GELC	CAWR-09-12512	9/29/2009	Spring 5
10-43	RAD	GELC	CAWR-09-12520	9/28/2009	Spring 4
10-43	RAD	GELC	CAWR-09-12522	9/28/2009	Spring 4A
10-43	RAD	GELC	CAWR-09-12529	9/28/2009	Spring 4AA
10-45	GENINORG	GELC	CAWR-09-12531	9/28/2009	Spring 4B
10-45	GENINORG	GELC	CAWR-09-12537	9/28/2009	Spring 4C
10-45	GENINORG	GELC	CAWR-09-12539	9/29/2009	Ancho Spring
10-45	GENINORG	GELC	CAWR-09-12542	9/29/2009	Spring 5B
10-45	GENINORG	GELC	CAWR-09-12545	9/29/2009	Spring 6
10-45	GENINORG	GELC	CAWR-09-12547	9/29/2009	Spring 6
10-45	HEXP	GELC	CAWR-09-12539	9/29/2009	Ancho Spring
10-45	HEXP	GELC	CAWR-09-12542	9/29/2009	Spring 5B
10-45	HEXP	GELC	CAWR-09-12545	9/29/2009	Spring 6
10-45	HEXP	GELC	CAWR-09-12547	9/29/2009	Spring 6
10-45	VOA	GELC	CAWR-09-12540	9/29/2009	Spring 5B
10-45	VOA	GELC	CAWR-09-12542	9/29/2009	Spring 5B
10-45	VOA	GELC	CAWR-09-12544	9/29/2009	Spring 6
10-45	VOA	GELC	CAWR-09-12545	9/29/2009	Spring 6
10-45	VOA	GELC	CAWR-09-12547	9/29/2009	Spring 6
10-45	VOA	GELC	CAWR-09-12548	9/29/2009	Spring 6
10-45	VOA	GELC	CAWR-09-12549	9/29/2009	Spring 6A
10-46	GENINORG	GELC	CAWR-09-12531	9/28/2009	Spring 4B
10-46	GENINORG	GELC	CAWR-09-12534	9/28/2009	Spring 4C
10-46	GENINORG	GELC	CAWR-09-12537	9/28/2009	Spring 4C
10-46	GENINORG	GELC	CAWR-09-12538	9/29/2009	Ancho Spring
10-46	GENINORG	GELC	CAWR-09-12539	9/29/2009	Ancho Spring
10-46	GENINORG	GELC	CAWR-09-12541	9/29/2009	Spring 5B
10-46	GENINORG	GELC	CAWR-09-12542	9/29/2009	Spring 5B

Request	Suite	Lab	Sample	Date	Location
10-46	GENINORG	GELC	CAWR-09-12543	9/29/2009	Spring 6
10-46	GENINORG	GELC	CAWR-09-12545	9/29/2009	Spring 6
10-46	GENINORG	GELC	CAWR-09-12546	9/29/2009	Spring 6
10-46	GENINORG	GELC	CAWR-09-12547	9/29/2009	Spring 6
10-46	GENINORG	GELC	CAWR-09-12550	9/29/2009	Spring 6A
10-46	METALS	GELC	CAWR-09-12531	9/28/2009	Spring 4B
10-46	METALS	GELC	CAWR-09-12534	9/28/2009	Spring 4C
10-46	METALS	GELC	CAWR-09-12537	9/28/2009	Spring 4C
10-46	METALS	GELC	CAWR-09-12538	9/29/2009	Ancho Spring
10-46	METALS	GELC	CAWR-09-12539	9/29/2009	Ancho Spring
10-46	METALS	GELC	CAWR-09-12541	9/29/2009	Spring 5B
10-46	METALS	GELC	CAWR-09-12542	9/29/2009	Spring 5B
10-46	METALS	GELC	CAWR-09-12543	9/29/2009	Spring 6
10-46	METALS	GELC	CAWR-09-12545	9/29/2009	Spring 6
10-46	METALS	GELC	CAWR-09-12546	9/29/2009	Spring 6
10-46	METALS	GELC	CAWR-09-12547	9/29/2009	Spring 6
10-46	METALS	GELC	CAWR-09-12550	9/29/2009	Spring 6A
10-47	RAD	GELC	CAWR-09-12531	9/28/2009	Spring 4B
10-47	RAD	GELC	CAWR-09-12537	9/28/2009	Spring 4C
10-47	RAD	GELC	CAWR-09-12539	9/29/2009	Ancho Spring
10-47	RAD	GELC	CAWR-09-12542	9/29/2009	Spring 5B
10-47	RAD	GELC	CAWR-09-12545	9/29/2009	Spring 6
10-47	RAD	GELC	CAWR-09-12547	9/29/2009	Spring 6
10-49	HEXP	STSL	CAWR-09-12551	9/29/2009	Spring 6A
10-49	HEXP	STSL	CAWR-09-12553	9/29/2009	Spring 6AAA
10-49	HEXP	STSL	CAWR-09-12562	9/29/2009	Spring 8A
10-49	HEXP	STSL	CAWR-09-12565	9/29/2009	Spring 9
10-49	HEXP	STSL	CAWR-09-12567	9/30/2009	Spring 9A
10-49	HEXP	STSL	CAWR-09-12571	9/30/2009	Spring 9B
10-50	GENINORG	GELC	CAWR-09-12551	9/29/2009	Spring 6A
10-50	GENINORG	GELC	CAWR-09-12553	9/29/2009	Spring 6AAA
10-50	GENINORG	GELC	CAWR-09-12562	9/29/2009	Spring 8A
10-50	GENINORG	GELC	CAWR-09-12565	9/29/2009	Spring 9
10-50	GENINORG	GELC	CAWR-09-12567	9/30/2009	Spring 9A
10-50	GENINORG	GELC	CAWR-09-12571	9/30/2009	Spring 9B
10-50	HEXP	GELC	CAWR-09-12551	9/29/2009	Spring 6A
10-50	HEXP	GELC	CAWR-09-12553	9/29/2009	Spring 6AAA
10-50	HEXP	GELC	CAWR-09-12562	9/29/2009	Spring 8A
10-50	HEXP	GELC	CAWR-09-12565	9/29/2009	Spring 9
10-50	HEXP	GELC	CAWR-09-12567	9/30/2009	Spring 9A
10-50	HEXP	GELC	CAWR-09-12571	9/30/2009	Spring 9B

Request	Suite	Lab	Sample	Date	Location
10-50	VOA	GELC	CAWR-09-12551	9/29/2009	Spring 6A
10-50	VOA	GELC	CAWR-09-12553	9/29/2009	Spring 6AAA
10-50	VOA	GELC	CAWR-09-12554	9/29/2009	Spring 6AAA
10-50	VOA	GELC	CAWR-09-12561	9/29/2009	Spring 8A
10-50	VOA	GELC	CAWR-09-12562	9/29/2009	Spring 8A
10-50	VOA	GELC	CAWR-09-12564	9/29/2009	Spring 9
10-50	VOA	GELC	CAWR-09-12565	9/29/2009	Spring 9
10-50	VOA	GELC	CAWR-09-12567	9/30/2009	Spring 9A
10-50	VOA	GELC	CAWR-09-12568	9/30/2009	Spring 9A
10-50	VOA	GELC	CAWR-09-12570	9/30/2009	Spring 9B
10-50	VOA	GELC	CAWR-09-12571	9/30/2009	Spring 9B
10-51	GENINORG	GELC	CAWR-09-12551	9/29/2009	Spring 6A
10-51	GENINORG	GELC	CAWR-09-12552	9/29/2009	Spring 6AAA
10-51	GENINORG	GELC	CAWR-09-12553	9/29/2009	Spring 6AAA
10-51	GENINORG	GELC	CAWR-09-12562	9/29/2009	Spring 8A
10-51	GENINORG	GELC	CAWR-09-12563	9/29/2009	Spring 8A
10-51	GENINORG	GELC	CAWR-09-12565	9/29/2009	Spring 9
10-51	GENINORG	GELC	CAWR-09-12566	9/29/2009	Spring 9
10-51	GENINORG	GELC	CAWR-09-12567	9/30/2009	Spring 9A
10-51	GENINORG	GELC	CAWR-09-12569	9/30/2009	Spring 9A
10-51	GENINORG	GELC	CAWR-09-12571	9/30/2009	Spring 9B
10-51	METALS	GELC	CAWR-09-12551	9/29/2009	Spring 6A
10-51	METALS	GELC	CAWR-09-12552	9/29/2009	Spring 6AAA
10-51	METALS	GELC	CAWR-09-12553	9/29/2009	Spring 6AAA
10-51	METALS	GELC	CAWR-09-12562	9/29/2009	Spring 8A
10-51	METALS	GELC	CAWR-09-12563	9/29/2009	Spring 8A
10-51	METALS	GELC	CAWR-09-12565	9/29/2009	Spring 9
10-51	METALS	GELC	CAWR-09-12566	9/29/2009	Spring 9
10-51	METALS	GELC	CAWR-09-12567	9/30/2009	Spring 9A
10-51	METALS	GELC	CAWR-09-12569	9/30/2009	Spring 9A
10-51	METALS	GELC	CAWR-09-12571	9/30/2009	Spring 9B
10-52	RAD	GELC	CAWR-09-12551	9/29/2009	Spring 6A
10-52	RAD	GELC	CAWR-09-12553	9/29/2009	Spring 6AAA
10-52	RAD	GELC	CAWR-09-12562	9/29/2009	Spring 8A
10-52	RAD	GELC	CAWR-09-12565	9/29/2009	Spring 9
10-52	RAD	GELC	CAWR-09-12567	9/30/2009	Spring 9A
10-52	RAD	GELC	CAWR-09-12571	9/30/2009	Spring 9B
10-54	GENINORG	GELC	CAWR-09-12496	9/28/2009	Spring 3
10-54	GENINORG	GELC	CAWR-09-12577	9/30/2009	Ancho at Rio Grande
10-54	GENINORG	GELC	CAWR-09-12584	9/30/2009	Rio Grande at Frijoles
10-54	GENINORG	GELC	CAWR-09-12587	9/30/2009	Rio Grande at Frijoles

Request	Suite	Lab	Sample	Date	Location
10-54	GENINORG	GELC	CAWR-09-12590	9/30/2009	Pajarito at Rio Grande
10-54	VOA	GELC	CAWR-09-12576	9/30/2009	Ancho at Rio Grande
10-54	VOA	GELC	CAWR-09-12577	9/30/2009	Ancho at Rio Grande
10-54	VOA	GELC	CAWR-09-12583	9/30/2009	Rio Grande at Frijoles
10-54	VOA	GELC	CAWR-09-12584	9/30/2009	Rio Grande at Frijoles
10-54	VOA	GELC	CAWR-09-12585	9/30/2009	Rio Grande at Frijoles
10-54	VOA	GELC	CAWR-09-12587	9/30/2009	Rio Grande at Frijoles
10-55	GENINORG	GELC	CAWR-09-12496	9/28/2009	Spring 3
10-55	GENINORG	GELC	CAWR-09-12497	9/28/2009	Spring 3
10-55	GENINORG	GELC	CAWR-09-12572	9/30/2009	Spring 9B
10-55	GENINORG	GELC	CAWR-09-12577	9/30/2009	Ancho at Rio Grande
10-55	GENINORG	GELC	CAWR-09-12578	9/30/2009	Ancho at Rio Grande
10-55	GENINORG	GELC	CAWR-09-12582	9/30/2009	Rio Grande at Frijoles
10-55	GENINORG	GELC	CAWR-09-12584	9/30/2009	Rio Grande at Frijoles
10-55	GENINORG	GELC	CAWR-09-12586	9/30/2009	Rio Grande at Frijoles
10-55	GENINORG	GELC	CAWR-09-12587	9/30/2009	Rio Grande at Frijoles
10-55	GENINORG	GELC	CAWR-09-12588	9/30/2009	Pajarito at Rio Grande
10-55	GENINORG	GELC	CAWR-09-12590	9/30/2009	Pajarito at Rio Grande
10-55	METALS	GELC	CAWR-09-12496	9/28/2009	Spring 3
10-55	METALS	GELC	CAWR-09-12497	9/28/2009	Spring 3
10-55	METALS	GELC	CAWR-09-12572	9/30/2009	Spring 9B
10-55	METALS	GELC	CAWR-09-12577	9/30/2009	Ancho at Rio Grande
10-55	METALS	GELC	CAWR-09-12578	9/30/2009	Ancho at Rio Grande
10-55	METALS	GELC	CAWR-09-12582	9/30/2009	Rio Grande at Frijoles
10-55	METALS	GELC	CAWR-09-12584	9/30/2009	Rio Grande at Frijoles
10-55	METALS	GELC	CAWR-09-12586	9/30/2009	Rio Grande at Frijoles
10-55	METALS	GELC	CAWR-09-12587	9/30/2009	Rio Grande at Frijoles
10-55	METALS	GELC	CAWR-09-12588	9/30/2009	Pajarito at Rio Grande
10-55	METALS	GELC	CAWR-09-12590	9/30/2009	Pajarito at Rio Grande
10-56	RAD	GELC	CAWR-09-12496	9/28/2009	Spring 3
10-56	RAD	GELC	CAWR-09-12577	9/30/2009	Ancho at Rio Grande
10-56	RAD	GELC	CAWR-09-12584	9/30/2009	Rio Grande at Frijoles
10-56	RAD	GELC	CAWR-09-12587	9/30/2009	Rio Grande at Frijoles
10-56	RAD	GELC	CAWR-09-12590	9/30/2009	Pajarito at Rio Grande

GENINORG = General inorganics.
HEXP = High explosives.
PEST/PCB = Pesticides/polychlorinated biphenyls.
RAD = Radionuclides.
SVOA = Semivolatile organic analysis.
VOA = Volatile organic analysis.