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Periodic Monitoring Report for White Rock Canyon and Rio Grande Watershed General Surveillance Monitoring Group, September 24–October 3, 2012

Los Alamos
NATIONAL LABORATORY
EST. 1943

Prepared by the Environmental Programs Directorate

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2013, first quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the White Rock Canyon and Rio Grande watershed portion of the General Surveillance monitoring group (hereafter, White Rock Canyon). This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2013 Monitoring Year, October 2012–September 2013, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from September 24 to October 3, 2012, and included the monitoring of springs and base-flow locations. This report includes no results from previous PMEs that were unreported in their respective PMRs.

Water samples collected from various locations during this PME were analyzed for metals; volatile organic compounds; semivolatile organic compounds; high explosives; radionuclides, including low-level tritium; general inorganic chemicals, including perchlorate; stable isotopes; and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

No results from previous PME surface-water samples are reported in this PMR. One result from surface-water samples collected during this PME was above applicable screening levels.

No results from previous PME groundwater samples are reported in this PMR. Two results from groundwater samples collected during this PME were above applicable screening levels.

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Acronyms and Abbreviations

AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
cfs	cubic feet per second
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
gpm	gallons per minute
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MCPA	2-methyl-4-chlorophenoxyacetic acid
MCPP	2-(4-chloro-2-methylphenoxy)propanoic acid
MDL	method detection limit
N	no (best value flag code)
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
PQL	practical quantitation limit
QC	quality control
RPF	Records Processing Facility
SOP	standard operating procedure
TA	technical area
UF	unfiltered
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of fiscal year 2013, first quarter, annual groundwater monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the White Rock Canyon portion of the General Surveillance monitoring group pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2013 Monitoring Year, October 2012–September 2013 (2013 IFGMP) (LANL 2012, 225493), prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from September 24 to October 3, 2012, and included sampling of springs and base-flow locations. This report includes no results from previous PMEs that were unreported in their respective PMRs.

Sections VIII.A and VIII.C of the Consent Order identify New Mexico Water Quality Control Commission (NMWQCC) groundwater and surface-water 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 regional screening levels for tap water 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 monitoring group
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results (comparing these PME results with regulatory standards 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

Most of the monitoring wells discussed in the 2013 IFGMP (LANL 2012, 225493) are assigned to area-specific monitoring groups related to project areas that may be located in more than one watershed. Locations that are not included within one of these six area-specific monitoring groups are assigned to the General Surveillance monitoring group. This PMR presents results from the White Rock Canyon portion of the General Surveillance monitoring group.

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 at Technical Area 33 (TA-33). The Resource Conservation and Recovery Act facility investigation work plan for Operable Unit 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 Canyon General Surveillance monitoring group was conducted pursuant to the 2013 IFGMP (LANL 2012, 225493).

Table 2.0-1 provides the location name, sample collection date, and flow rate for each of the monitored locations. These locations are shown in Figure 2.0-1.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2013 IFGMP (LANL 2012, 225493).

3.2 Field Parameter Results

Appendix A contains the field parameter results for this PME and the four previous PMEs.

3.3 Groundwater Elevations and Base-Flow Observations

No information regarding water-level observations is included in this report because no groundwater monitoring wells are sampled in White Rock Canyon. Base-flow measurements are shown graphically in Figure 3.3-1.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the PME. Table 3.4-2 presents a list of analytes for which the practical quantitation limits (PQLs) are greater than 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 2013 IFGMP (LANL 2012, 225493). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737), and ENV-RCRA-QP-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling of purge water.

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 procedures are available at http://www.lanl.gov/community-environment/environmental-stewardship/plans-procedures.php. Completed chain-of-custody forms serve as analytical request forms 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 required analysis.

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. For data collected before March 2012, validation was done by an independent contractor, Analytical Quality Associates, Inc. (AQA). After that date, validation is done by an automated process after data are loaded.

Data validation determines the quality of an analytical data set. Data validation focuses on specific quality assurance samples, such as matrix spikes, duplicates, surrogates, method banks, and laboratory control samples, and holding times, which indicate the accuracy and precision of the analyses. Based on the results, data qualifiers are applied to indicate data quality issues as well as the usability of results. This process also includes a description of the reasons for any failure to meet method, procedural, or contractual requirements and an evaluation of the impact of such failure on the overall data set.

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 was assigned to the analytical results.

Auto validation (1) ensures that the electronic data deliverable contains all the required fields, (2) verifies that results of all QC checks and procedures are within valid criteria limits, and (3) applies specific qualifiers and reason codes per the EPA's National Functional Guidelines for data review as well as the Laboratory's SOPs. Once auto validation is complete, the data are uploaded into the Laboratory's database system and the public database (http://intellusnm.com/).

The Laboratory assigns detection status to the analytical result based on the analytical laboratory and secondary validation qualifiers. A detect flag of "N" indicates that, based on the qualifiers, the result was not detected.

4.2 Analytical Data

Appendix C presents the analytical data from this PME and from the four sampling events at these locations immediately before the PME. The analytical laboratory reports (including chain-of-custody forms and data validation forms) are provided in Appendix F (on CD included with this document).

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 unusable but are still reported.
    - ❖ Analytical laboratory QC results, including matrix spike and matrix spike duplicates, and field blanks, trip blanks, and equipment blanks are not included in the data set.
    - ❖ Field duplicates, reanalyses, and results from different analytical methods are reported.
- Radionuclides
    - ❖ Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
    - ❖ Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
    - ❖ Otherwise, all results are reported at all locations.
- Nonradionuclides
    - ❖ All detected results are reported.

Multiple analyses of a sample, including dilutions and reanalyses, create redundant results. These multiple results have the same sample ID, analytical laboratory code, and analytical method. The analytical and validation information is used to designate the preferred result, which is marked with a best value flag of “Y” (yes). The redundant values of lower quality are assigned a best value flag of “N” (no). In cases where a reanalysis gives a significantly different result than an earlier value, the original result may be rejected and assigned a best value flag of N, and the reanalysis result may be marked with a best value flag of Y. The best value flag is included in Appendix C.

Data for PMRs are evaluated using the following screening process. The sources of screening levels with which the results are compared are listed in Table 4.2-1.

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral (Table 4.2-2). Along with a hardness value, this category determines the screening levels used for data at each monitoring location. Hardness-dependent screening levels used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 to 2010 at each location (Table 4.2-2). Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code (NMAC) 6.4.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to Groundwater Cleanup Levels described in Section VIII.A.1 of the Consent Order; for an individual substance, the lesser of the EPA MCL or the NMWQCC groundwater standard is used.
- If an NMWQCC standard or an MCL has not been established for a specific substance for which toxicological information is published, the EPA Regional Screening Levels for Tap Water (formerly Region 6 Screening Levels for Tap Water) are used as the Groundwater Cleanup Level.

These screening levels are for either a cancer- or noncancer-risk type. The Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used for screening.

- 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. EPA MCLs are applied to both filtered and unfiltered sample results.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Guides (DCGs) for groundwater.

The results of data screening for this PMR are presented in Appendix D. This appendix shows all analytical results greater than half the lowest applicable screening levels. Results with a best value flag of N are included in Appendix D but not discussed in the text.

Table 4.2-3 provides groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above screening levels. Multiple detections of a particular constituent at a location are counted as one result. For example, if aluminum is detected above a screening level in both a primary sample and a field duplicate, only the highest result is shown.

Graphs in Appendix E display concentration histories of analytes for locations where the analyte was above its screening level at least once during the three most recent PMEs. 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. Results with a best value flag of N are not included in Appendix E.

No analytes from the current PME exceeded their screening level at more than one sampling location, so no maps showing concentrations are included.

4.2.1 Surface Water (Base Flow)

No results from previous PME surface-water samples are reported in this PMR. For surface-water samples collected during this PME, the total (unfiltered) gross alpha result of 18.8 pCi/L at Frijoles at Rio Grande was above the 15-pCi/L NMWQCC Livestock Watering Standard screening level. Gross alpha has been detected at this location only one other time in nine sampling events since 2000. The filtered gross alpha result in a 2000 sample was 1.02 pCi/L.

4.2.2 Groundwater

No results from previous PME groundwater samples are reported in this PMR. For groundwater samples collected during this PME, the manganese concentration of 203 µg/L in a filtered sample from Spring 2 on San Ildefonso Pueblo land was above the NMWQCC groundwater standard screening level of 200 µg/L (applicable to domestic water supply). This is the highest result since 2000 and the first above the screening level. Other results since 2000 range from nondetect (<2 µg/L) to 112 µg/L. Manganese concentrations at this location have steadily increased from 10 µg/L in 2009.

An arsenic concentration of 10.7 µg/L in a filtered sample collected at Spring 2 on San Ildefonso Pueblo land was above the 10-µg/L EPA MCL. Results since 2000 in filtered samples range from nondetect (<3 µg/L) to 27.8 µg/L. Results in unfiltered samples range from 8.8 µg/L to 26.6 µg/L.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the White Rock Canyon portion of the General Surveillance monitoring group are proposed at this time.

5.0 SUMMARY AND INTERPRETATIONS

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

No results from previous PME surface-water samples are reported in this PMR. For surface-water samples collected during this PME, one result was above screening levels.

For results above screening levels, except for the highest gross alpha result at Frijoles at Rio Grande, the types of contaminants detected and their concentrations are consistent with data reported from previous PMEs in this monitoring group.

5.2.2 Groundwater

No results from previous PME groundwater samples are reported in this PMR. Two results from groundwater samples collected during this PME were above screening levels.

For results above screening levels, except for the highest filtered manganese concentration at Spring 2, the types of contaminants detected and their concentrations are consistent with data reported from previous PMEs in this monitoring group.

5.3 Data Gaps

Table 3.4-1 summarizes the field deviations encountered during the PME. The table also provides a detailed account of sampling event deviations.

5.4 Remediation System Monitoring

Remediation system monitoring is not applicable to the White Rock Canyon General Surveillance monitoring group because no systems are installed in the monitoring group area.

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

LANL (Los Alamos National Laboratory), August 2012. "Interim Facility-Wide Groundwater Monitoring Plan for the 2013 Monitoring Year, October 2012–September 2013," Los Alamos National Laboratory document LA-UR-12-21331, Los Alamos, New Mexico. (LANL 2012, 225493)

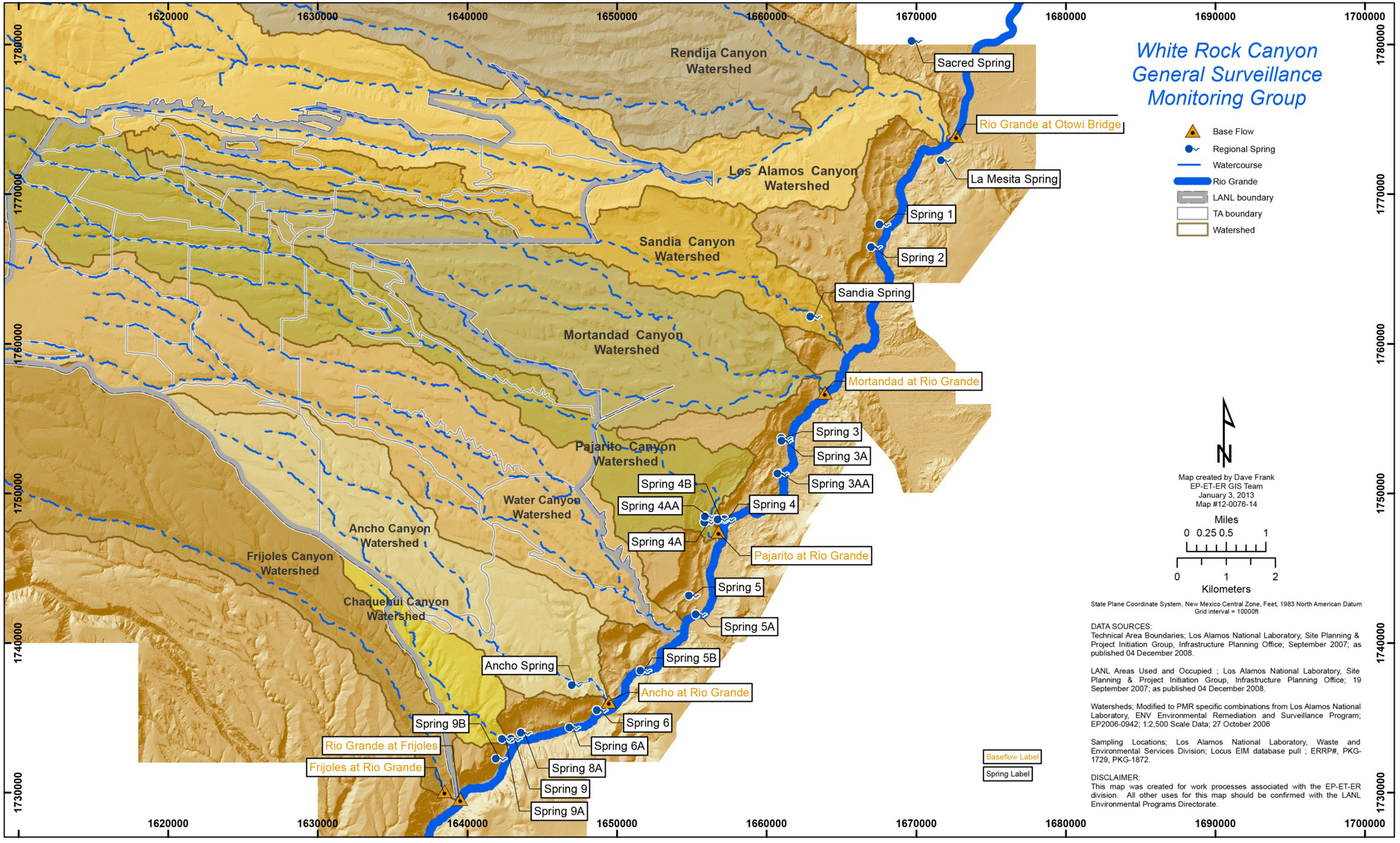


Figure 2.0-1 Locations monitored for this PME. Some locations on this map may not have been sampled (see Table 3.4-1).

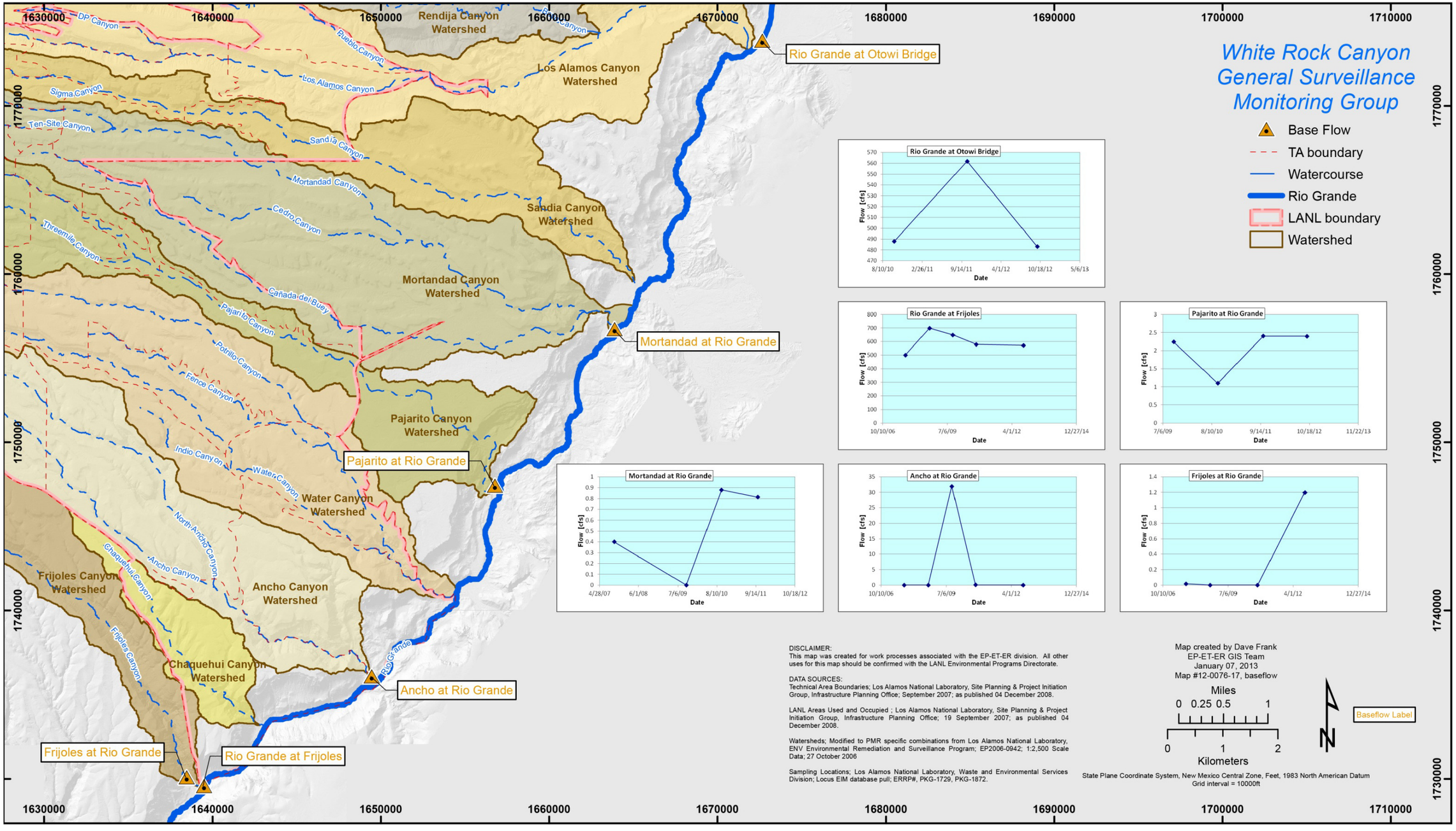


Figure 3.3-1 Base-flow measurements

Table 2.0-1
White Rock Canyon General Surveillance
Monitoring Group Locations and General Information

Location	Sample Collection Date	Flow (gpm[a])
Base Flow		
Ancho at Rio Grande	09/25/12	12.3
Frijoles at Rio Grande	09/26/12	539
Mortandad at Rio Grande	09/24/12	n/a[b]
Pajarito at Rio Grande	09/25/12	1077
Rio Grande at Frijoles	09/26/12	256,731
Rio Grande at Otowi Bridge	10/02/12	216,784
Springs		
Ancho Spring	09/25/12	5.0
La Mesita Spring	10/02/12	0.29
Sacred Spring	10/03/12	3.0
Sandia Spring	10/03/12	n/a
Spring 1	09/24/12	0.3
Spring 2	09/24/12	0.14
Spring 3	09/24/12	2.79
Spring 3A	09/24/12	47.6
Spring 3AA	09/24/12	0.28
Spring 4	09/24/12	21.7
Spring 4A	09/24/12	n/a
Spring 4AA	09/24/12	2.3
Spring 4B	09/25/12	0.26
Spring 5	09/25/12	0.26
Spring 5A	09/25/12	3.99
Spring 5B	09/25/12	0.64
Spring 6	09/25/12	26.9
Spring 6A	09/25/12	5.0
Spring 8A	09/25/12	13
Spring 9	09/25/12	0.24
Spring 9A	09/26/12	0.16
Spring 9B	09/26/12	n/a

[a] gpm =Gallons per minute.

[b] n/a = Not applicable. See Table.3.4-1 for explanation.

Table 3.4-1
White Rock Canyon General Surveillance
Monitoring Group PME Observations and Deviations

Location	Deviation	Cause	Comment
Sandia Spring	No data are included in this report for this location.	Spring was dry	Location will be sampled during next scheduled PME.
Mortandad at Rio Grande	No data are included in this report for this location.	Location was dry	Location will be sampled during next scheduled PME.
Spring 4A	The spring flow was not measured at this location.	Sample collected from a small hole	Flow will be measured during next scheduled PME.
Spring 9B	No data are included in this report for this location.	Location inaccessible because of poison ivy	Location will be sampled during next scheduled PME.

Table 3.4-2
Analytes with PQLs above Screening Levels

Analyte or CAS[a] No.	Analyte Name	MDL[b]	PQL	Screening Level	Unit	Screening-Level Type
Herbicides						
94-74-6	MCPA[c]	12	53	18	µg/L	EPA Regional Tap
93-65-2	MCPP[d]	11	53	37	µg/L	EPA Regional Tap
Metals						
Be	Beryllium	1	5	4	µg/L	EPA MCL
Semivolatile Organic Compounds						
1912-24-9	Atrazine	3	10	3	µg/L	EPA MCL
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	3	10	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.29	µg/L	EPA Regional Tap
50-32-8	Benzo(a)pyrene	0.2	1	0.2	µg/L	EPA MCL
205-99-2	Benzo(b)fluoranthene	0.2	1	0.29	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
117-81-7	Bis(2-ethylhexyl)phthalate	2	10	6	µg/L	EPA MCL
106-47-8	Chloroaniline[4-]	2	10	3.4	µg/L	EPA Regional Tap
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	2	10	1.5	µg/L	EPA Regional Tap
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	2.9	µg/L	EPA Regional Tap
123-91-1	Dioxane[1,4-]	2	10	6.7	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	1	µg/L	EPA MCL
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.29	µg/L	EPA Regional Tap

Table 3.4-2 (continued)

Analyte or CAS[a] No.	Analyte Name	MDL[b]	PQL	Screening Level	Unit	Screening-Level Type
55-18-5	Nitrosodiethylamine[N-]	2	10	0.0014	µg/L	EPA Regional Tap
62-75-9	Nitrosodimethylamine[N-]	2	10	0.0042	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	3	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
108-60-1	Oxybis(1-chloropropane) [2,2'-]	2	10	3.2	µg/L	EPA Regional Tap
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
108-95-2	Phenol	1	10	5	µg/L	NMWQCC Groundwater Standard
Volatile Organic Compounds						
107-02-8	Acrolein	1.3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
126-99-8	Chloro-1,3-butadiene[2-]	0.3	1	0.16	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-chloropropane[1,2-]	0.3	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1	5	1	µg/L	EPA Regional Tap
75-09-2	Methylene chloride	3	10	5	µg/L	EPA MCL
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

Note: This table is applicable to all samples reported in all PMRs.

[a] CAS = Chemical Abstracts Service.

[b] MDL = Method detection limit.

[c] MCPA = 2-Methyl-4-chlorophenoxyacetic acid.

[d] MCPP = 2-(4-Chloro-2-methylphenoxy)propanoic acid.

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

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 5400.5	DOE BCGs	n/a[a]	X[b]
DOE Order 5400.5	DOE 100-mrem Public Dose DCG	X	n/a
DOE Order 5400.5	DOE 4-mrem Drinking Water DCG	X	n/a
40 CFR[c] 141	EPA Primary Drinking Water Standard	X	n/a
EPA Regional Screening Levels for Chemical Contaminants at Superfund Sites	EPA Regional Screening Levels for Tap Water	X	n/a
20 NMAC.3.4	New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
20 NMAC 6.2	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4	NMWQCC Aquatic Life Standards Acute	n/a	X
20 NMAC 6.4	NMWQCC Aquatic Life Standards Chronic	n/a	X
20 NMAC 6.4	NMWQCC Human Health Standard	n/a	X

[a] n/a = Not applicable.

[b] X = Applied to data screen for this report.

[c] CFR = Code of Federal Regulations.

Table 4.2-2
Base-Flow Location Type and Hardness Assignments Used to Select Screening Levels

Watershed	Location	Stream Type	Hardness (mg/L as $CaCO_3$)
White Rock	Rio Grande at Otowi Bridge	Perennial	100
White Rock	Mortandad at Rio Grande	Ephemeral	100
Pajarito	Pajarito at Rio Grande	Ephemeral	70
Ancho	Ancho at Rio Grande	Ephemeral	50
Frijoles	Frijoles at Rio Grande	Perennial	40
White Rock	Rio Grande at Frijoles	Perennial	100

Table 4.2-3
White Rock Canyon General Surveillance
Monitoring Group Groundwater Results above Screening Levels

Location	Date	Analyte	Field Prep Code	Result	Unit	Screening Level	Screening-Level Type
Base Flow							
Frijoles at Rio Grande	09/26/12	Gross alpha	UF[a]	18.8	pCi/L	15	NMWQCC Livestock Watering Standard
Alluvial Groundwater							
Spring 2	09/24/12	Arsenic	F[b]	10.7	µg/L	10	EPA MCL
Spring 2	09/24/12	Manganese	F	203	µg/L	200	NMWQCC Groundwater Standard

[a] UF = Unfiltered.

[b] F = Filtered.

Appendix A

Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Ancho at Rio Grande	—[a]	09/25/12	WS[b]	Dissolved Oxygen	7.47	mg/L	CAWR-12-23426
Ancho at Rio Grande	—	09/28/10	WS	Dissolved Oxygen	6.25	mg/L	CAWR-10-25406
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	—	09/25/07	WS	Dissolved Oxygen	9.98	mg/L	FU070900PGRA01
Ancho at Rio Grande	—	09/25/12	WS	pH	8.37	SU[c]	CAWR-12-23426
Ancho at Rio Grande	—	09/28/10	WS	pH	8.44	SU	CAWR-10-25406
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	—	09/25/07	WS	pH	10.11	SU	FU070900PGRA01
Ancho at Rio Grande	—	09/25/12	WS	Specific Conductance	147	µS/cm	CAWR-12-23426
Ancho at Rio Grande	—	09/28/10	WS	Specific Conductance	158	µS/cm	CAWR-10-25406
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	—	09/25/07	WS	Specific Conductance	125.3	µS/cm	FU070900PGRA01
Ancho at Rio Grande	—	09/25/12	WS	Temperature	20.9	deg C	CAWR-12-23426
Ancho at Rio Grande	—	09/28/10	WS	Temperature	26.84	deg C	CAWR-10-25406
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	—	09/25/07	WS	Temperature	22.9	deg C	FU070900PGRA01
Ancho at Rio Grande	—	09/25/12	WS	Turbidity	1.48	NTU[d]	CAWR-12-23426
Ancho at Rio Grande	—	09/28/10	WS	Turbidity	1.45	NTU	CAWR-10-25406
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	—	09/25/07	WS	Turbidity	0.77	NTU	FU070900PGRA01
Ancho Spring	—	09/25/12	WG[e]	Dissolved Oxygen	5.62	mg/L	CAWR-12-23427
Ancho Spring	—	10/07/11	WG	Dissolved Oxygen	6.51	mg/L	CAWR-11-28027
Ancho Spring	—	09/28/10	WG	Dissolved Oxygen	4.77	mg/L	CAWR-10-25326

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Ancho Spring	—	09/29/09	WG	Dissolved Oxygen	5.47	mg/L	CAWR-09-12539
Ancho Spring	—	09/30/08	WG	Dissolved Oxygen	5.1	mg/L	CAWR-08-15524
Ancho Spring	—	09/25/12	WG	pH	7.8	SU	CAWR-12-23427
Ancho Spring	—	10/07/11	WG	pH	7.34	SU	CAWR-11-28027
Ancho Spring	—	09/28/10	WG	pH	7.28	SU	CAWR-10-25326
Ancho Spring	—	09/29/09	WG	pH	7.13	SU	CAWR-09-12539
Ancho Spring	—	09/30/08	WG	pH	7.38	SU	CAWR-08-15524
Ancho Spring	—	09/25/12	WG	Specific Conductance	122	µS/cm	CAWR-12-23427
Ancho Spring	—	10/07/11	WG	Specific Conductance	137	µS/cm	CAWR-11-28027
Ancho Spring	—	09/28/10	WG	Specific Conductance	144	µS/cm	CAWR-10-25326
Ancho Spring	—	09/29/09	WG	Specific Conductance	129	µS/cm	CAWR-09-12539
Ancho Spring	—	09/30/08	WG	Specific Conductance	135.7	µS/cm	CAWR-08-15524
Ancho Spring	—	09/25/12	WG	Temperature	20.99	deg C	CAWR-12-23427
Ancho Spring	—	10/07/11	WG	Temperature	19.83	deg C	CAWR-11-28027
Ancho Spring	—	09/28/10	WG	Temperature	21.31	deg C	CAWR-10-25326
Ancho Spring	—	09/29/09	WG	Temperature	20.9	deg C	CAWR-09-12539
Ancho Spring	—	09/30/08	WG	Temperature	20.9	deg C	CAWR-08-15524
Ancho Spring	—	09/25/12	WG	Turbidity	0.77	NTU	CAWR-12-23427
Ancho Spring	—	10/07/11	WG	Turbidity	0.69	NTU	CAWR-11-28027
Ancho Spring	—	09/28/10	WG	Turbidity	1.25	NTU	CAWR-10-25326
Ancho Spring	—	09/29/09	WG	Turbidity	1.43	NTU	CAWR-09-12539
Ancho Spring	—	09/30/08	WG	Turbidity	3.1	NTU	CAWR-08-15524
Frijoles at Rio Grande	—	09/26/12	WS	Dissolved Oxygen	8.69	mg/L	CAWR-12-23428
Frijoles at Rio Grande	—	03/22/10	WS	Dissolved Oxygen	12.02	mg/L	CAWR-10-14115
Frijoles at Rio Grande	—	09/26/07	WP[f]	Dissolved Oxygen	10.38	mg/L	FU070900PGRF01
Frijoles at Rio Grande	—	09/20/06	WP	Dissolved Oxygen	8.72	mg/L	FU060900PGRF01
Frijoles at Rio Grande	—	09/28/05	WS	Dissolved Oxygen	10.71	mg/L	FU05090PGRF01
Frijoles at Rio Grande	—	09/26/12	WS	pH	8.56	SU	CAWR-12-23428

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Frijoles at Rio Grande	—	03/22/10	WS	pH	7.03	SU	CAWR-10-14115
Frijoles at Rio Grande	—	09/26/07	WP	pH	8.29	SU	FU070900PGRF01
Frijoles at Rio Grande	—	09/20/06	WP	pH	8.23	SU	FU060900PGRF01
Frijoles at Rio Grande	—	09/28/05	WS	pH	8.11	SU	FU05090PGRF01
Frijoles at Rio Grande	—	09/26/12	WS	Specific Conductance	232	µS/cm	CAWR-12-23428
Frijoles at Rio Grande	—	03/22/10	WS	Specific Conductance	94	µS/cm	CAWR-10-14115
Frijoles at Rio Grande	—	09/26/07	WP	Specific Conductance	122.5	µS/cm	FU070900PGRF01
Frijoles at Rio Grande	—	09/20/06	WP	Specific Conductance	132	µS/cm	FU060900PGRF01
Frijoles at Rio Grande	—	09/28/05	WS	Specific Conductance	134	µS/cm	FU05090PGRF01
Frijoles at Rio Grande	—	09/26/12	WS	Temperature	12.4	deg C	CAWR-12-23428
Frijoles at Rio Grande	—	03/22/10	WS	Temperature	7.91	deg C	CAWR-10-14115
Frijoles at Rio Grande	—	09/26/07	WP	Temperature	13.1	deg C	FU070900PGRF01
Frijoles at Rio Grande	—	09/20/06	WP	Temperature	12.2	deg C	FU060900PGRF01
Frijoles at Rio Grande	—	09/28/05	WS	Temperature	19.2	deg C	FU05090PGRF01
Frijoles at Rio Grande	—	09/26/12	WS	Turbidity	320	NTU	CAWR-12-23428
Frijoles at Rio Grande	—	03/22/10	WS	Turbidity	10.5	NTU	CAWR-10-14115
Frijoles at Rio Grande	—	09/26/07	WP	Turbidity	5.3	NTU	FU070900PGRF01
Frijoles at Rio Grande	—	09/20/06	WP	Turbidity	8.47	NTU	FU060900PGRF01
Frijoles at Rio Grande	—	09/28/05	WS	Turbidity	8.69	NTU	FU05090PGRF01
La Mesita Spring	—	10/02/12	WG	Dissolved Oxygen	8.11	mg/L	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	Dissolved Oxygen	8.29	mg/L	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	Dissolved Oxygen	7.47	mg/L	CAWR-10-25330
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	—	10/02/12	WG	pH	7.81	SU	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	pH	8.09	SU	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	pH	7.55	SU	CAWR-10-25330
La Mesita Spring	—	09/22/09	WG	pH	7.92	SU	CAWR-09-12480

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
La Mesita Spring	—	09/26/08	WG	pH	7.26	SU	CAWR-08-15463
La Mesita Spring	—	10/02/12	WG	Specific Conductance	309	µS/cm	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	Specific Conductance	311	µS/cm	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	Specific Conductance	314	µS/cm	CAWR-10-25330
La Mesita Spring	—	09/22/09	WG	Specific Conductance	238	µS/cm	CAWR-09-12480
La Mesita Spring	—	09/26/08	WG	Specific Conductance	299	µS/cm	CAWR-08-15463
La Mesita Spring	—	10/02/12	WG	Temperature	14.66	deg C	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	Temperature	14.33	deg C	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	Temperature	14.56	deg C	CAWR-10-25330
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	—	10/02/12	WG	Turbidity	16.2	NTU	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	Turbidity	5.46	NTU	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	Turbidity	66.8	NTU	CAWR-10-25330
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
Pajarito at Rio Grande	—	09/24/12	WS	Dissolved Oxygen	7.6	mg/L	CAWR-12-23431
Pajarito at Rio Grande	—	10/04/11	WS	Dissolved Oxygen	7.67	mg/L	CAWR-11-27989
Pajarito at Rio Grande	—	09/27/10	WS	Dissolved Oxygen	8.34	mg/L	CAWR-10-25465
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	—	09/24/12	WS	pH	8.27	SU	CAWR-12-23431
Pajarito at Rio Grande	—	10/04/11	WS	pH	8.3	SU	CAWR-11-27989
Pajarito at Rio Grande	—	09/27/10	WS	pH	7.85	SU	CAWR-10-25465
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	—	09/24/12	WS	Specific Conductance	202	µS/cm	CAWR-12-23431
Pajarito at Rio Grande	—	10/04/11	WS	Specific Conductance	205	µS/cm	CAWR-11-27989

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pajarito at Rio Grande	—	09/27/10	WS	Specific Conductance	204	µS/cm	CAWR-10-25465
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
Pajarito at Rio Grande	—	09/24/12	WS	Temperature	19.42	deg C	CAWR-12-23431
Pajarito at Rio Grande	—	10/04/11	WS	Temperature	19.3	deg C	CAWR-11-27989
Pajarito at Rio Grande	—	09/27/10	WS	Temperature	21.26	deg C	CAWR-10-25465
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	—	09/24/12	WS	Turbidity	0.6	NTU	CAWR-12-23431
Pajarito at Rio Grande	—	10/04/11	WS	Turbidity	1.71	NTU	CAWR-11-27989
Pajarito at Rio Grande	—	09/27/10	WS	Turbidity	2.67	NTU	CAWR-10-25465
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
Rio Grande at Frijoles	—	09/26/12	WS	Dissolved Oxygen	8.05	mg/L	CAWR-12-23432
Rio Grande at Frijoles	—	09/29/10	WS	Dissolved Oxygen	7.79	mg/L	CAWR-10-25413
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	—	09/26/07	WS	Dissolved Oxygen	10.12	mg/L	FU070900PRGF01
Rio Grande at Frijoles	—	09/26/12	WS	pH	8.16	SU	CAWR-12-23432
Rio Grande at Frijoles	—	09/29/10	WS	pH	8.06	SU	CAWR-10-25413
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	—	09/26/07	WS	pH	9.3	SU	FU070900PRGF01
Rio Grande at Frijoles	—	09/26/12	WS	Specific Conductance	323	µS/cm	CAWR-12-23432
Rio Grande at Frijoles	—	09/29/10	WS	Specific Conductance	328	µS/cm	CAWR-10-25413
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	—	09/26/07	WS	Specific Conductance	286	µS/cm	FU070900PRGF01

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Rio Grande at Frijoles	—	09/26/12	WS	Temperature	15.24	deg C	CAWR-12-23432
Rio Grande at Frijoles	—	09/29/10	WS	Temperature	17.24	deg C	CAWR-10-25413
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
Rio Grande at Frijoles	—	09/26/07	WS	Temperature	16.2	deg C	FU070900PRGF01
Rio Grande at Frijoles	—	09/26/12	WS	Turbidity	175	NTU	CAWR-12-23432
Rio Grande at Frijoles	—	09/29/10	WS	Turbidity	80	NTU	CAWR-10-25413
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	—	09/26/07	WS	Turbidity	105	NTU	FU070900PRGF01
Rio Grande at Otowi Bridge	—	10/02/12	WS	Dissolved Oxygen	9.25	mg/L	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	Dissolved Oxygen	8.74	mg/L	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	Dissolved Oxygen	7.61	mg/L	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	Dissolved Oxygen	9.68	mg/L	CAWR-10-17025
Rio Grande at Otowi Bridge	—	01/26/10	WS	Dissolved Oxygen	13.14	mg/L	CAWR-10-11786
Rio Grande at Otowi Bridge	—	10/02/12	WS	pH	8.48	SU	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	pH	8	SU	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	pH	7.65	SU	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	pH	7.14	SU	CAWR-10-17025
Rio Grande at Otowi Bridge	—	01/26/10	WS	pH	7.33	SU	CAWR-10-11786
Rio Grande at Otowi Bridge	—	10/02/12	WS	Specific Conductance	217	µS/cm	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	Specific Conductance	335	µS/cm	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	Specific Conductance	298	µS/cm	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	Specific Conductance	215	µS/cm	CAWR-10-17025
Rio Grande at Otowi Bridge	—	01/26/10	WS	Specific Conductance	289	µS/cm	CAWR-10-11786
Rio Grande at Otowi Bridge	—	10/02/12	WS	Temperature	16.29	deg C	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	Temperature	16.45	deg C	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	Temperature	19.26	deg C	CAWR-10-24226

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Rio Grande at Otowi Bridge	—	05/10/10	WS	Temperature	10.63	deg C	CAWR-10-17025
Rio Grande at Otowi Bridge	—	01/26/10	WS	Temperature	1.02	deg C	CAWR-10-11786
Rio Grande at Otowi Bridge	—	10/02/12	WS	Turbidity	39	NTU	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	Turbidity	24.8	NTU	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	Turbidity	45.7	NTU	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	Turbidity	47.6	NTU	CAWR-10-17025
Rio Grande at Otowi Bridge	—	01/26/10	WS	Turbidity	9.61	NTU	CAWR-10-11786
Sacred Spring	—	10/03/12	WG	Dissolved Oxygen	5.65	mg/L	CAWR-12-23434
Sacred Spring	—	10/14/11	WG	Dissolved Oxygen	4.06	mg/L	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	Dissolved Oxygen	1.04	mg/L	CAWR-10-25332
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	—	10/03/12	WG	pH	7.22	SU	CAWR-12-23434
Sacred Spring	—	10/14/11	WG	pH	7.64	SU	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	pH	6.6	SU	CAWR-10-25332
Sacred Spring	—	09/22/09	WG	pH	7.95	SU	CAWR-09-12471
Sacred Spring	—	09/26/08	WG	pH	7.44	SU	CAWR-08-15456
Sacred Spring	—	10/03/12	WG	Specific Conductance	275	µS/cm	CAWR-12-23434
Sacred Spring	—	10/14/11	WG	Specific Conductance	295	µS/cm	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	Specific Conductance	266	µS/cm	CAWR-10-25332
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	—	10/03/12	WG	Temperature	15.89	deg C	CAWR-12-23434
Sacred Spring	—	10/14/11	WG	Temperature	15.34	deg C	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	Temperature	14.67	deg C	CAWR-10-25332
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	—	10/03/12	WG	Turbidity	0.78	NTU	CAWR-12-23434

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Sacred Spring	—	10/14/11	WG	Turbidity	8.44	NTU	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	Turbidity	6.72	NTU	CAWR-10-25332
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
Spring 1	—	09/24/12	WG	Dissolved Oxygen	6.5	mg/L	CAWR-12-23436
Spring 1	—	10/11/11	WG	Dissolved Oxygen	6.42	mg/L	CAWR-11-27999
Spring 1	—	09/27/10	WG	Dissolved Oxygen	6.46	mg/L	CAWR-10-25418
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	—	09/24/12	WG	pH	7.78	SU	CAWR-12-23436
Spring 1	—	10/11/11	WG	pH	8.01	SU	CAWR-11-27999
Spring 1	—	09/27/10	WG	pH	7.64	SU	CAWR-10-25418
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	—	09/24/12	WG	Specific Conductance	214	µS/cm	CAWR-12-23436
Spring 1	—	10/11/11	WG	Specific Conductance	215	µS/cm	CAWR-11-27999
Spring 1	—	09/27/10	WG	Specific Conductance	217	µS/cm	CAWR-10-25418
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	—	09/24/12	WG	Temperature	18.87	deg C	CAWR-12-23436
Spring 1	—	10/11/11	WG	Temperature	17.88	deg C	CAWR-11-27999
Spring 1	—	09/27/10	WG	Temperature	18.09	deg C	CAWR-10-25418
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	—	09/24/12	WG	Turbidity	1.95	NTU	CAWR-12-23436
Spring 1	—	10/11/11	WG	Turbidity	3.25	NTU	CAWR-11-27999
Spring 1	—	09/27/10	WG	Turbidity	6.16	NTU	CAWR-10-25418
Spring 1	—	09/28/09	WG	Turbidity	3.4	NTU	CAWR-09-12484

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 1	—	09/29/08	WG	Turbidity	2.16	NTU	CAWR-08-15472
Spring 2	—	09/24/12	WG	Dissolved Oxygen	7.09	mg/L	CAWR-12-23437
Spring 2	—	10/11/11	WG	Dissolved Oxygen	8.08	mg/L	CAWR-11-28002
Spring 2	—	09/27/10	WG	Dissolved Oxygen	7.59	mg/L	CAWR-10-25422
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	—	09/24/12	WG	pH	7.93	SU	CAWR-12-23437
Spring 2	—	10/11/11	WG	pH	8.3	SU	CAWR-11-28002
Spring 2	—	09/27/10	WG	pH	7.52	SU	CAWR-10-25422
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	—	09/24/12	WG	Specific Conductance	247	µS/cm	CAWR-12-23437
Spring 2	—	10/11/11	WG	Specific Conductance	260	µS/cm	CAWR-11-28002
Spring 2	—	09/27/10	WG	Specific Conductance	261	µS/cm	CAWR-10-25422
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	—	09/24/12	WG	Temperature	17.73	deg C	CAWR-12-23437
Spring 2	—	10/11/11	WG	Temperature	14.6	deg C	CAWR-11-28002
Spring 2	—	09/27/10	WG	Temperature	16.81	deg C	CAWR-10-25422
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	—	09/24/12	WG	Turbidity	1.57	NTU	CAWR-12-23437
Spring 2	—	10/11/11	WG	Turbidity	1.81	NTU	CAWR-11-28002
Spring 2	—	09/27/10	WG	Turbidity	2.06	NTU	CAWR-10-25422
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 3	—	09/24/12	WG	Dissolved Oxygen	6.64	mg/L	CAWR-12-23438
Spring 3	—	09/27/10	WG	Dissolved Oxygen	6.37	mg/L	CAWR-10-25426

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
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	—	09/24/12	WG	pH	7.61	SU	CAWR-12-23438
Spring 3	—	09/27/10	WG	pH	7.01	SU	CAWR-10-25426
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	—	09/24/12	WG	Specific Conductance	209	µS/cm	CAWR-12-23438
Spring 3	—	09/27/10	WG	Specific Conductance	188	µS/cm	CAWR-10-25426
Spring 3	—	09/28/09	WG	Specific Conductance	206	µS/cm	CAWR-09-12496
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	—	09/24/12	WG	Temperature	20.67	deg C	CAWR-12-23438
Spring 3	—	09/27/10	WG	Temperature	19.79	deg C	CAWR-10-25426
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	—	09/24/12	WG	Turbidity	0.87	NTU	CAWR-12-23438
Spring 3	—	09/27/10	WG	Turbidity	1.64	NTU	CAWR-10-25426
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 3A	—	09/24/12	WG	Dissolved Oxygen	7.02	mg/L	CAWR-12-23439
Spring 3A	—	10/03/11	WG	Dissolved Oxygen	6.38	mg/L	CAWR-11-28005
Spring 3A	—	09/27/10	WG	Dissolved Oxygen	6.12	mg/L	CAWR-10-25438
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 3A	—	09/24/12	WG	pH	7.61	SU	CAWR-12-23439
Spring 3A	—	10/03/11	WG	pH	7.55	SU	CAWR-11-28005
Spring 3A	—	09/27/10	WG	pH	7.07	SU	CAWR-10-25438
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	—	09/24/12	WG	Specific Conductance	196	µS/cm	CAWR-12-23439
Spring 3A	—	10/03/11	WG	Specific Conductance	188	µS/cm	CAWR-11-28005
Spring 3A	—	09/27/10	WG	Specific Conductance	183	µS/cm	CAWR-10-25438
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	—	09/24/12	WG	Temperature	19.94	deg C	CAWR-12-23439
Spring 3A	—	10/03/11	WG	Temperature	19.89	deg C	CAWR-11-28005
Spring 3A	—	09/27/10	WG	Temperature	19.92	deg C	CAWR-10-25438
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	—	09/24/12	WG	Turbidity	0.52	NTU	CAWR-12-23439
Spring 3A	—	10/03/11	WG	Turbidity	0.37	NTU	CAWR-11-28005
Spring 3A	—	09/27/10	WG	Turbidity	2.09	NTU	CAWR-10-25438
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 3AA	—	09/24/12	WG	Dissolved Oxygen	6.34	mg/L	CAWR-12-23440
Spring 3AA	—	10/03/11	WG	Dissolved Oxygen	5.72	mg/L	CAWR-11-28008
Spring 3AA	—	09/27/10	WG	Dissolved Oxygen	4.92	mg/L	CAWR-10-25447
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	—	09/24/12	WG	pH	7.84	SU	CAWR-12-23440
Spring 3AA	—	10/03/11	WG	pH	7.75	SU	CAWR-11-28008
Spring 3AA	—	09/27/10	WG	pH	7.15	SU	CAWR-10-25447

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
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	—	09/24/12	WG	Specific Conductance	174	µS/cm	CAWR-12-23440
Spring 3AA	—	10/03/11	WG	Specific Conductance	181	µS/cm	CAWR-11-28008
Spring 3AA	—	09/27/10	WG	Specific Conductance	171	µS/cm	CAWR-10-25447
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	—	09/24/12	WG	Temperature	20.12	deg C	CAWR-12-23440
Spring 3AA	—	10/03/11	WG	Temperature	19.47	deg C	CAWR-11-28008
Spring 3AA	—	09/27/10	WG	Temperature	20.81	deg C	CAWR-10-25447
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
Spring 3AA	—	09/24/12	WG	Turbidity	2.41	NTU	CAWR-12-23440
Spring 3AA	—	10/03/11	WG	Turbidity	8.32	NTU	CAWR-11-28008
Spring 3AA	—	09/27/10	WG	Turbidity	2.09	NTU	CAWR-10-25447
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 4	—	09/24/12	WG	Dissolved Oxygen	7.21	mg/L	CAWR-12-23441
Spring 4	—	10/05/11	WG	Dissolved Oxygen	7.33	mg/L	CAWR-11-28011
Spring 4	—	09/27/10	WG	Dissolved Oxygen	7.91	mg/L	CAWR-10-25434
Spring 4	—	03/24/10	WG	Dissolved Oxygen	8.23	mg/L	CAWR-10-14102
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	—	09/24/12	WG	pH	7.26	SU	CAWR-12-23441
Spring 4	—	10/05/11	WG	pH	7.36	SU	CAWR-11-28011
Spring 4	—	09/27/10	WG	pH	6.61	SU	CAWR-10-25434
Spring 4	—	03/24/10	WG	pH	6.84	SU	CAWR-10-14102
Spring 4	—	09/28/09	WG	pH	6.9	SU	CAWR-09-12519

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4	—	09/28/09	WG	pH	6.9	SU	CAWR-09-12520
Spring 4	—	09/24/12	WG	Specific Conductance	220	µS/cm	CAWR-12-23441
Spring 4	—	10/05/11	WG	Specific Conductance	218	µS/cm	CAWR-11-28011
Spring 4	—	09/27/10	WG	Specific Conductance	214	µS/cm	CAWR-10-25434
Spring 4	—	03/24/10	WG	Specific Conductance	206	µS/cm	CAWR-10-14102
Spring 4	—	09/28/09	WG	Specific Conductance	197	µS/cm	CAWR-09-12519
Spring 4	—	09/28/09	WG	Specific Conductance	197	µS/cm	CAWR-09-12520
Spring 4	—	09/24/12	WG	Temperature	17.86	deg C	CAWR-12-23441
Spring 4	—	10/05/11	WG	Temperature	17.36	deg C	CAWR-11-28011
Spring 4	—	09/27/10	WG	Temperature	16.99	deg C	CAWR-10-25434
Spring 4	—	03/24/10	WG	Temperature	15.02	deg C	CAWR-10-14102
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	—	09/24/12	WG	Turbidity	2.68	NTU	CAWR-12-23441
Spring 4	—	10/05/11	WG	Turbidity	0.73	NTU	CAWR-11-28011
Spring 4	—	09/27/10	WG	Turbidity	0.98	NTU	CAWR-10-25434
Spring 4	—	03/24/10	WG	Turbidity	0.76	NTU	CAWR-10-14102
Spring 4	—	09/28/09	WG	Turbidity	2.2	NTU	CAWR-09-12519
Spring 4	—	09/28/09	WG	Turbidity	2.2	NTU	CAWR-09-12520
Spring 4A	—	09/24/12	WG	Dissolved Oxygen	7.32	mg/L	CAWR-12-23442
Spring 4A	—	10/04/11	WG	Dissolved Oxygen	7.01	mg/L	CAWR-11-28018
Spring 4A	—	09/27/10	WG	Dissolved Oxygen	7.02	mg/L	CAWR-10-25449
Spring 4A	—	09/27/10	WG	Dissolved Oxygen	7.02	mg/L	CAWR-10-25451
Spring 4A	—	03/24/10	WG	Dissolved Oxygen	7.46	mg/L	CAWR-10-14106
Spring 4A	—	09/28/09	WG	Dissolved Oxygen	6.67	mg/L	CAWR-09-12524
Spring 4A	—	09/24/12	WG	pH	7.56	SU	CAWR-12-23442
Spring 4A	—	10/04/11	WG	pH	7.77	SU	CAWR-11-28018
Spring 4A	—	09/27/10	WG	pH	7.36	SU	CAWR-10-25449

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4A	—	09/27/10	WG	pH	7.36	SU	CAWR-10-25451
Spring 4A	—	03/24/10	WG	pH	7.3	SU	CAWR-10-14106
Spring 4A	—	09/28/09	WG	pH	7.36	SU	CAWR-09-12524
Spring 4A	—	09/24/12	WG	Specific Conductance	204	µS/cm	CAWR-12-23442
Spring 4A	—	10/04/11	WG	Specific Conductance	202	µS/cm	CAWR-11-28018
Spring 4A	—	09/27/10	WG	Specific Conductance	203	µS/cm	CAWR-10-25449
Spring 4A	—	09/27/10	WG	Specific Conductance	203	µS/cm	CAWR-10-25451
Spring 4A	—	03/24/10	WG	Specific Conductance	193	µS/cm	CAWR-10-14106
Spring 4A	—	09/28/09	WG	Specific Conductance	203	µS/cm	CAWR-09-12524
Spring 4A	—	09/24/12	WG	Temperature	21.61	deg C	CAWR-12-23442
Spring 4A	—	10/04/11	WG	Temperature	20.05	deg C	CAWR-11-28018
Spring 4A	—	09/27/10	WG	Temperature	20.39	deg C	CAWR-10-25449
Spring 4A	—	09/27/10	WG	Temperature	20.39	deg C	CAWR-10-25451
Spring 4A	—	03/24/10	WG	Temperature	19.09	deg C	CAWR-10-14106
Spring 4A	—	09/28/09	WG	Temperature	20.37	deg C	CAWR-09-12524
Spring 4A	—	09/24/12	WG	Turbidity	0.9	NTU	CAWR-12-23442
Spring 4A	—	10/04/11	WG	Turbidity	1.36	NTU	CAWR-11-28018
Spring 4A	—	09/27/10	WG	Turbidity	0.39	NTU	CAWR-10-25449
Spring 4A	—	09/27/10	WG	Turbidity	0.39	NTU	CAWR-10-25451
Spring 4A	—	03/24/10	WG	Turbidity	1.09	NTU	CAWR-10-14106
Spring 4A	—	09/28/09	WG	Turbidity	0.76	NTU	CAWR-09-12524
Spring 4AA	—	09/24/12	WG	Dissolved Oxygen	7.11	mg/L	CAWR-12-23443
Spring 4AA	—	10/04/11	WG	Dissolved Oxygen	7.46	mg/L	CAWR-11-28021
Spring 4AA	—	09/27/10	WG	Dissolved Oxygen	5.01	mg/L	CAWR-10-25454
Spring 4AA	—	09/27/10	WG	Dissolved Oxygen	5.01	mg/L	CAWR-10-25455
Spring 4AA	—	03/24/10	WG	Dissolved Oxygen	7.34	mg/L	CAWR-10-14107
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4AA	—	09/24/12	WG	pH	7.65	SU	CAWR-12-23443
Spring 4AA	—	10/04/11	WG	pH	7.12	SU	CAWR-11-28021
Spring 4AA	—	09/27/10	WG	pH	7.13	SU	CAWR-10-25454
Spring 4AA	—	09/27/10	WG	pH	7.13	SU	CAWR-10-25455
Spring 4AA	—	03/24/10	WG	pH	7.2	SU	CAWR-10-14107
Spring 4AA	—	09/28/09	WG	pH	7.32	SU	CAWR-09-12526
Spring 4AA	—	09/28/09	WG	pH	7.32	SU	CAWR-09-12529
Spring 4AA	—	09/24/12	WG	Specific Conductance	216	µS/cm	CAWR-12-23443
Spring 4AA	—	10/04/11	WG	Specific Conductance	218	µS/cm	CAWR-11-28021
Spring 4AA	—	09/27/10	WG	Specific Conductance	217	µS/cm	CAWR-10-25454
Spring 4AA	—	09/27/10	WG	Specific Conductance	217	µS/cm	CAWR-10-25455
Spring 4AA	—	03/24/10	WG	Specific Conductance	202	µS/cm	CAWR-10-14107
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	—	09/24/12	WG	Temperature	19.18	deg C	CAWR-12-23443
Spring 4AA	—	10/04/11	WG	Temperature	18.81	deg C	CAWR-11-28021
Spring 4AA	—	09/27/10	WG	Temperature	20.87	deg C	CAWR-10-25454
Spring 4AA	—	09/27/10	WG	Temperature	20.87	deg C	CAWR-10-25455
Spring 4AA	—	03/24/10	WG	Temperature	18.44	deg C	CAWR-10-14107
Spring 4AA	—	09/28/09	WG	Temperature	18.78	deg C	CAWR-09-12526
Spring 4AA	—	09/28/09	WG	Temperature	18.78	deg C	CAWR-09-12529
Spring 4AA	—	09/24/12	WG	Turbidity	1.34	NTU	CAWR-12-23443
Spring 4AA	—	10/04/11	WG	Turbidity	2.84	NTU	CAWR-11-28021
Spring 4AA	—	09/27/10	WG	Turbidity	9.87	NTU	CAWR-10-25454
Spring 4AA	—	09/27/10	WG	Turbidity	9.87	NTU	CAWR-10-25455
Spring 4AA	—	03/24/10	WG	Turbidity	3.16	NTU	CAWR-10-14107
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4B	—	09/25/12	WG	Dissolved Oxygen	7.15	mg/L	CAWR-12-23444
Spring 4B	—	10/05/11	WG	Dissolved Oxygen	7.04	mg/L	CAWR-11-28025
Spring 4B	—	09/27/10	WG	Dissolved Oxygen	6.25	mg/L	CAWR-10-25456
Spring 4B	—	09/27/10	WG	Dissolved Oxygen	6.25	mg/L	CAWR-10-25459
Spring 4B	—	03/24/10	WG	Dissolved Oxygen	7.72	mg/L	CAWR-10-14100
Spring 4B	—	09/28/09	WG	Dissolved Oxygen	6.15	mg/L	CAWR-09-12530
Spring 4B	—	09/25/12	WG	pH	7.73	SU	CAWR-12-23444
Spring 4B	—	10/05/11	WG	pH	7.49	SU	CAWR-11-28025
Spring 4B	—	09/27/10	WG	pH	6.93	SU	CAWR-10-25456
Spring 4B	—	09/27/10	WG	pH	6.93	SU	CAWR-10-25459
Spring 4B	—	03/24/10	WG	pH	6.84	SU	CAWR-10-14100
Spring 4B	—	09/28/09	WG	pH	7.54	SU	CAWR-09-12530
Spring 4B	—	09/25/12	WG	Specific Conductance	234	µS/cm	CAWR-12-23444
Spring 4B	—	10/05/11	WG	Specific Conductance	233	µS/cm	CAWR-11-28025
Spring 4B	—	09/27/10	WG	Specific Conductance	230	µS/cm	CAWR-10-25456
Spring 4B	—	09/27/10	WG	Specific Conductance	230	µS/cm	CAWR-10-25459
Spring 4B	—	03/24/10	WG	Specific Conductance	227	µS/cm	CAWR-10-14100
Spring 4B	—	09/28/09	WG	Specific Conductance	223	µS/cm	CAWR-09-12530
Spring 4B	—	09/25/12	WG	Temperature	16.95	deg C	CAWR-12-23444
Spring 4B	—	10/05/11	WG	Temperature	17.12	deg C	CAWR-11-28025
Spring 4B	—	09/27/10	WG	Temperature	18.78	deg C	CAWR-10-25456
Spring 4B	—	09/27/10	WG	Temperature	18.78	deg C	CAWR-10-25459
Spring 4B	—	03/24/10	WG	Temperature	15.24	deg C	CAWR-10-14100
Spring 4B	—	09/28/09	WG	Temperature	17.4	deg C	CAWR-09-12530
Spring 4B	—	09/25/12	WG	Turbidity	1.56	NTU	CAWR-12-23444
Spring 4B	—	10/05/11	WG	Turbidity	1.66	NTU	CAWR-11-28025
Spring 4B	—	09/27/10	WG	Turbidity	1.65	NTU	CAWR-10-25456
Spring 4B	—	09/27/10	WG	Turbidity	1.65	NTU	CAWR-10-25459

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4B	—	03/24/10	WG	Turbidity	6.56	NTU	CAWR-10-14100
Spring 4B	—	09/28/09	WG	Turbidity	30.6	NTU	CAWR-09-12530
Spring 5	—	09/25/12	WG	Dissolved Oxygen	6.9	mg/L	CAWR-12-23445
Spring 5	—	10/05/11	WG	Dissolved Oxygen	6.79	mg/L	CAWR-11-28032
Spring 5	—	09/28/10	WG	Dissolved Oxygen	5.47	mg/L	CAWR-10-25339
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	—	09/25/12	WG	pH	7.87	SU	CAWR-12-23445
Spring 5	—	10/05/11	WG	pH	7.9	SU	CAWR-11-28032
Spring 5	—	09/28/10	WG	pH	7.45	SU	CAWR-10-25339
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	—	09/25/12	WG	Specific Conductance	186	µS/cm	CAWR-12-23445
Spring 5	—	10/05/11	WG	Specific Conductance	185	µS/cm	CAWR-11-28032
Spring 5	—	09/28/10	WG	Specific Conductance	201	µS/cm	CAWR-10-25339
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	—	09/25/12	WG	Temperature	20.77	deg C	CAWR-12-23445
Spring 5	—	10/05/11	WG	Temperature	20.4	deg C	CAWR-11-28032
Spring 5	—	09/28/10	WG	Temperature	21.13	deg C	CAWR-10-25339
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	—	09/25/12	WG	Turbidity	0.7	NTU	CAWR-12-23445
Spring 5	—	10/05/11	WG	Turbidity	1.17	NTU	CAWR-11-28032
Spring 5	—	09/28/10	WG	Turbidity	3.64	NTU	CAWR-10-25339
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 5A	—	09/25/12	WG	Dissolved Oxygen	5.02	mg/L	CAWR-12-23446

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 5A	—	09/30/08	WG	Dissolved Oxygen	4.7	mg/L	CAWR-08-15528
Spring 5A	—	09/25/12	WG	pH	7.4	SU	CAWR-12-23446
Spring 5A	—	09/30/08	WG	pH	7.21	SU	CAWR-08-15528
Spring 5A	—	09/14/04	WG	pH	6.99	SU	FU04090GA5S01
Spring 5A	—	09/26/00	WG	pH	7.55	SU	GM00091GA5S
Spring 5A	—	09/25/12	WG	Specific Conductance	221	µS/cm	CAWR-12-23446
Spring 5A	—	09/30/08	WG	Specific Conductance	240	µS/cm	CAWR-08-15528
Spring 5A	—	09/14/04	WG	Specific Conductance	218	µS/cm	FU04090GA5S01
Spring 5A	—	09/25/12	WG	Temperature	20.82	deg C	CAWR-12-23446
Spring 5A	—	09/30/08	WG	Temperature	21.4	deg C	CAWR-08-15528
Spring 5A	—	09/14/04	WG	Temperature	21.4	deg C	FU04090GA5S01
Spring 5A	—	09/25/12	WG	Turbidity	8.36	NTU	CAWR-12-23446
Spring 5A	—	09/30/08	WG	Turbidity	1.74	NTU	CAWR-08-15528
Spring 5A	—	09/14/04	WG	Turbidity	2.76	NTU	FU04090GA5S01
Spring 5B	—	09/25/12	WG	Dissolved Oxygen	7.46	mg/L	CAWR-12-23447
Spring 5B	—	10/06/11	WG	Dissolved Oxygen	7.94	mg/L	CAWR-11-28033
Spring 5B	—	09/28/10	WG	Dissolved Oxygen	9.1	mg/L	CAWR-10-26573
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	—	09/25/12	WG	pH	8.17	SU	CAWR-12-23447
Spring 5B	—	10/06/11	WG	pH	8.2	SU	CAWR-11-28033
Spring 5B	—	09/28/10	WG	pH	7.75	SU	CAWR-10-26573
Spring 5B	—	09/29/09	WG	pH	8.08	SU	CAWR-09-12542
Spring 5B	—	09/25/07	WG	pH	8.56	SU	FU070900GB5S01
Spring 5B	—	09/25/12	WG	Specific Conductance	172	µS/cm	CAWR-12-23447
Spring 5B	—	10/06/11	WG	Specific Conductance	169	µS/cm	CAWR-11-28033
Spring 5B	—	09/28/10	WG	Specific Conductance	175	µS/cm	CAWR-10-26573
Spring 5B	—	09/29/09	WG	Specific Conductance	171	µS/cm	CAWR-09-12542

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 5B	—	09/25/07	WG	Specific Conductance	161.2	µS/cm	FU070900GB5S01
Spring 5B	—	09/25/12	WG	Temperature	17.73	deg C	CAWR-12-23447
Spring 5B	—	10/06/11	WG	Temperature	16.3	deg C	CAWR-11-28033
Spring 5B	—	09/28/10	WG	Temperature	16	deg C	CAWR-10-26573
Spring 5B	—	09/29/09	WG	Temperature	18.51	deg C	CAWR-09-12542
Spring 5B	—	09/25/07	WG	Temperature	16.1	deg C	FU070900GB5S01
Spring 5B	—	09/25/12	WG	Turbidity	3.07	NTU	CAWR-12-23447
Spring 5B	—	10/06/11	WG	Turbidity	1.5	NTU	CAWR-11-28033
Spring 5B	—	09/28/10	WG	Turbidity	9.4	NTU	CAWR-10-26573
Spring 5B	—	09/29/09	WG	Turbidity	1.44	NTU	CAWR-09-12542
Spring 5B	—	09/25/07	WG	Turbidity	2.66	NTU	FU070900GB5S01
Spring 6	—	09/25/12	WG	Dissolved Oxygen	6.7	mg/L	CAWR-12-23448
Spring 6	—	10/06/11	WG	Dissolved Oxygen	6.92	mg/L	CAWR-11-28038
Spring 6	—	09/28/10	WG	Dissolved Oxygen	7.24	mg/L	CAWR-10-25376
Spring 6	—	09/30/08	WG	Dissolved Oxygen	5.39	mg/L	CAWR-08-15532
Spring 6	—	09/19/06	WG	Dissolved Oxygen	7.2	mg/L	FU060900G6SW01
Spring 6	—	09/25/12	WG	pH	7.61	SU	CAWR-12-23448
Spring 6	—	10/06/11	WG	pH	7.71	SU	CAWR-11-28038
Spring 6	—	09/28/10	WG	pH	7.37	SU	CAWR-10-25376
Spring 6	—	09/30/08	WG	pH	7.4	SU	CAWR-08-15532
Spring 6	—	09/25/07	WG	pH	7.66	SU	FU070900G6SW01
Spring 6	—	09/25/12	WG	Specific Conductance	138	µS/cm	CAWR-12-23448
Spring 6	—	10/06/11	WG	Specific Conductance	138	µS/cm	CAWR-11-28038
Spring 6	—	09/28/10	WG	Specific Conductance	140	µS/cm	CAWR-10-25376
Spring 6	—	09/30/08	WG	Specific Conductance	133	µS/cm	CAWR-08-15532
Spring 6	—	09/25/07	WG	Specific Conductance	142.7	µS/cm	FU070900G6SW01
Spring 6	—	09/25/12	WG	Temperature	20.66	deg C	CAWR-12-23448
Spring 6	—	10/06/11	WG	Temperature	20.69	deg C	CAWR-11-28038

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 6	—	09/28/10	WG	Temperature	20.74	deg C	CAWR-10-25376
Spring 6	—	09/30/08	WG	Temperature	19.9	deg C	CAWR-08-15532
Spring 6	—	09/25/07	WG	Temperature	21	deg C	FU070900G6SW01
Spring 6	—	09/25/12	WG	Turbidity	1.26	NTU	CAWR-12-23448
Spring 6	—	10/06/11	WG	Turbidity	4.32	NTU	CAWR-11-28038
Spring 6	—	09/28/10	WG	Turbidity	0.92	NTU	CAWR-10-25376
Spring 6	—	09/30/08	WG	Turbidity	0.6	NTU	CAWR-08-15532
Spring 6	—	09/25/07	WG	Turbidity	1.09	NTU	FU070900G6SW01
Spring 6A	—	09/25/12	WG	Dissolved Oxygen	5.21	mg/L	CAWR-12-23449
Spring 6A	—	09/28/10	WG	Dissolved Oxygen	6.62	mg/L	CAWR-10-25382
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	—	09/25/07	WG	Dissolved Oxygen	5.6	mg/L	FU070900GA6S01
Spring 6A	—	09/25/12	WG	pH	7.29	SU	CAWR-12-23449
Spring 6A	—	09/28/10	WG	pH	6.92	SU	CAWR-10-25382
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	—	09/25/07	WG	pH	6.9	SU	FU070900GA6S01
Spring 6A	—	09/25/12	WG	Specific Conductance	132	µS/cm	CAWR-12-23449
Spring 6A	—	09/28/10	WG	Specific Conductance	136	µS/cm	CAWR-10-25382
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	—	09/25/07	WG	Specific Conductance	160.2	µS/cm	FU070900GA6S01
Spring 6A	—	09/25/12	WG	Temperature	21.77	deg C	CAWR-12-23449
Spring 6A	—	09/28/10	WG	Temperature	21.27	deg C	CAWR-10-25382
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	—	09/25/07	WG	Temperature	22.4	deg C	FU070900GA6S01

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 6A	—	09/25/12	WG	Turbidity	4.52	NTU	CAWR-12-23449
Spring 6A	—	09/28/10	WG	Turbidity	5.79	NTU	CAWR-10-25382
Spring 6A	—	09/29/09	WG	Turbidity	1.23	NTU	CAWR-09-12551
Spring 6A	—	09/25/07	WG	Turbidity	1.79	NTU	FU070900GA6S01
Spring 6A	—	09/19/06	WG	Turbidity	3.01	NTU	FU060900GA6S01
Spring 8A	—	09/25/12	WG	Dissolved Oxygen	7.3	mg/L	CAWR-12-23450
Spring 8A	—	10/13/11	WG	Dissolved Oxygen	6.61	mg/L	CAWR-11-28045
Spring 8A	—	09/28/10	WG	Dissolved Oxygen	6.9	mg/L	CAWR-10-25392
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	—	09/25/12	WG	pH	7.97	SU	CAWR-12-23450
Spring 8A	—	10/13/11	WG	pH	7.66	SU	CAWR-11-28045
Spring 8A	—	09/28/10	WG	pH	7.77	SU	CAWR-10-25392
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	—	09/25/12	WG	Specific Conductance	131	µS/cm	CAWR-12-23450
Spring 8A	—	10/13/11	WG	Specific Conductance	121	µS/cm	CAWR-11-28045
Spring 8A	—	09/28/10	WG	Specific Conductance	136	µS/cm	CAWR-10-25392
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	—	09/25/12	WG	Temperature	20.21	deg C	CAWR-12-23450
Spring 8A	—	10/13/11	WG	Temperature	20.07	deg C	CAWR-11-28045
Spring 8A	—	09/28/10	WG	Temperature	22.27	deg C	CAWR-10-25392
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	—	09/25/12	WG	Turbidity	1.45	NTU	CAWR-12-23450
Spring 8A	—	10/13/11	WG	Turbidity	1.7	NTU	CAWR-11-28045
Spring 8A	—	09/28/10	WG	Turbidity	0.47	NTU	CAWR-10-25392

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
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 9	—	09/25/12	WG	pH	7.15	SU	CAWR-12-23451
Spring 9	—	09/29/10	WG	pH	6	SU	CAWR-10-25395
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	—	09/25/07	WG	pH	7.64	SU	FU070900G9SW01
Spring 9	—	09/25/12	WG	Specific Conductance	131	µS/cm	CAWR-12-23451
Spring 9	—	09/29/10	WG	Specific Conductance	160	µS/cm	CAWR-10-25395
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	—	09/25/07	WG	Specific Conductance	122.7	µS/cm	FU070900G9SW01
Spring 9	—	09/25/12	WG	Temperature	20.63	deg C	CAWR-12-23451
Spring 9	—	09/29/10	WG	Temperature	21.65	deg C	CAWR-10-25395
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	—	09/25/07	WG	Temperature	20.9	deg C	FU070900G9SW01
Spring 9	—	09/25/12	WG	Turbidity	1.91	NTU	CAWR-12-23451
Spring 9	—	09/29/10	WG	Turbidity	4.2	NTU	CAWR-10-25395
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	—	09/25/07	WG	Turbidity	3.5	NTU	FU070900G9SW01
Spring 9A	—	09/26/12	WG	Dissolved Oxygen	8.94	mg/L	CAWR-12-23452
Spring 9A	—	10/13/11	WG	Dissolved Oxygen	7.17	mg/L	CAWR-11-28048
Spring 9A	—	09/28/10	WG	Dissolved Oxygen	6.27	mg/L	CAWR-10-25398
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	—	09/26/12	WG	pH	7.64	SU	CAWR-12-23452

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 9A	—	10/13/11	WG	pH	7.86	SU	CAWR-11-28048
Spring 9A	—	09/28/10	WG	pH	7.28	SU	CAWR-10-25398
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	—	09/26/12	WG	Specific Conductance	129	µS/cm	CAWR-12-23452
Spring 9A	—	10/13/11	WG	Specific Conductance	133	µS/cm	CAWR-11-28048
Spring 9A	—	09/28/10	WG	Specific Conductance	129	µS/cm	CAWR-10-25398
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
Spring 9A	—	09/26/12	WG	Temperature	18.98	deg C	CAWR-12-23452
Spring 9A	—	10/13/11	WG	Temperature	20.52	deg C	CAWR-11-28048
Spring 9A	—	09/28/10	WG	Temperature	20.25	deg C	CAWR-10-25398
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	—	09/26/12	WG	Turbidity	0.63	NTU	CAWR-12-23452
Spring 9A	—	10/13/11	WG	Turbidity	2.27	NTU	CAWR-11-28048
Spring 9A	—	09/28/10	WG	Turbidity	3.3	NTU	CAWR-10-25398
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

[a] — = Not applicable.

[b] WS = Base flow.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

[e] WG = Groundwater.

[f] WP = Persistent water.

Appendix B

Groundwater-Elevation Measurements
(no groundwater monitoring wells in the
White Rock Canyon General Surveillance monitoring group)

Appendix C

Analytical Chemistry Results, Including Results from Previous Four Monitoring Events if Available

The following pages provide lists of (1) acronyms, abbreviations, symbols, and various analytical codes; (2) analytical laboratory qualifier codes; and (3) secondary validation flag codes that may be used in Appendix C. Please note that these are comprehensive lists, and this periodic monitoring report may not include all of the terms in the lists.

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
%D	percent difference
%R	percent recovery
%RSD	percent relative standard deviation
<	Based on qualifiers, the result was a nondetection.
—	none
4,4'-DDD	4,4'-dichlorodiphenyldichloroethane
4,4'-DDT	4,4'-dichlorodiphenyltrichloroethane
BHC	benzene hexachloride
CB	chlorinated biphenyl
CCB	continuing calibration blank
CCV	continuing calibration verification
CLP	Control Laboratory Program
CRDL	contract-required detection limit
CRI	CDRL check standard
DCG	Derived Concentration Guide (DOE)
DDE	dichlorodiphenyldichloroethylene
DNX	dinitroso-RDX (or hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
DQO	data quality objective
EPA	Environmental Protection Agency (U.S.)
GC	gas chromatography
GC/MS	gas chromatography/mass spectrometry
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HH OO	Human Health—Organism Only (NMWQCC standard)
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICAL	initial calibration
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
IS	internal standard
LAL	lower acceptance limit
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
LOC	level of chlorination
LSC	liquid scintillation counting
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitroso-RDX (or hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
NMED	New Mexico Environmental Department
NMWQCC	New Mexico Water Quality Control Commission
OPR	ongoing precision recovery
PCB	polychlorinated biphenyl
PCDD	polychlorinated dibenzo-p-dioxin
PCDF	polychlorinated dibenzofuran
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RF	response factor
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
RRT	relative retention time
RT	retention time
Scr	screening
SDG	sample delivery group
SMO	Sample Management Office
SSC	suspended sediment concentration
SU	standard unit
TCDD	tetrachlorodibenzo-p-dioxin

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
TCDF	tetrachlorodibenzofuran
TDS	total dissolved solids
TPH-DRO	total petroleum hydrocarbons—diesel range organics
TNX	trinitroso-RDX (or hexahydro-1,3,5-trinitroso-1,3,5-triazine)
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
W	water
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
INIT	initial
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
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
NA	not applicable
PEB	performance evaluation blank

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
PEK	performance evaluation known
REG	regular
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
Geninorg, GENINORG, General Chemistry	general inorganics
GRO	gasoline range organics
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
LCMS/MS	liquid chromatography mass spectrometry/mass spectrometry
METALS, Metals	metals
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry
SVOC, SVOA	semivolatile organic compounds
VOC, VOA	volatile organic compounds
Detect Flag and Best Value Flag Codes	
N	no
Y	yes
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services, Inc.
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Lab Codes (continued)	
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

Code	Description
*	(Inorganic)—Duplicate analysis (relative percent difference [RPD]) not within control limits.
B	(Organic) —Analyte was 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	See B code, see J code, and see P code.
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 gas chromatography (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.
D	The result for this analyte was reported from a dilution.
DJ	See D code and see J code.
DNA	Did not analyze because equipment was broken.
E	(Organic) Analyte exceeded the concentration range. (Inorganic) The serial dilution was exceeded.
E*	See E code and see * code.
EJ	See E code and see J code.
EJ*	See E code, see J code, and see * code.
EJN	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma atomic [optical] emission spectroscopy [ICPAES])—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 method detection limit (MDL) but less than the practical quantitation limit (PQL). (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike (MS) sample was outside acceptance criteria.
EN	See E code and see N code.
EN*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICPAES)—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 MS sample was outside acceptance criteria. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
H	(Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.

Analytical Laboratory Qualifier Codes (continued)

Code	Description
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
HJ	See H code and see J code.
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 because the blank does not have nitrate. This is different from most analytical methods, where a blank is run with 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*	See J code and see * code.
JB	See J code and see B code
JN	See J code and see N code.
JN*	See J code, see N code, and see * code.
JP	See J code and see P code.
N	(Inorganic)—Spiked sample recovery was not within control limits.
N*	See N code and see * code.
N*E	See N code, see * code, and see E code.
NE	See N code and see E code.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
PJ	See P code and see J code.
U	The material was analyzed for but was not detected above the level of the associated numeric value.
U*	See U code and see * code.
UD	See U code and see D code.
UE	See U code and see E code.
UE*	See U code, see E code, and see * code.
UEN	See U code, see E code, and see N code.
UH	See U code and see H code.

Analytical Laboratory Qualifier Codes (continued)

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	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery was not within control limits.
UN*	EPA flag (Inorganic)—See U code, see N code, and see * code.
UUI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification, and the analytical lab assigned these gamma spectroscopy results as not detected.
X	The analytical laboratory suspects the result is a nondetect despite positive quantification results.

Secondary Validation Flag Codes

Code	Description
A	The contractually required supporting documentation for this datum is absent.
I	The calculated sums are considered incomplete because of the lack of one or more congener results.
J	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
J-	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential 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.
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.
N	There is presumptive evidence of the presence of the material.
NJ	(Organic) Analyte has been tentatively identified, and the associated numerical value is estimated based upon a 1:1 response factor to the nearest eluting internal standard.
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PM	Manual review of raw data is recommended to determine if the observed noncompliances with quality acceptance criteria adversely impact data use.
R	The reported sample result is classified as rejected because of serious noncompliances regarding quality control (QC) acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
U	The analyte is classified as not detected.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.44	—	—	0.01	SU	Y	H	J-	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.6	—	—	0.01	SU	Y	H	J-	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	9	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	9.07	—	—	0.01	SU	Y	H	J	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	0.725	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.4	—	—	0.73	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.3	—	—	0.73	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.7	—	—	0.725	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00689	0.00514	0.0314		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000048	0.0034	0.033		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00101	0.0019	0.035		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0086	0.0043	0.029		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00629	0.00966	0.0398		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.107	—	—	0.017	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.023	—	—	0.016	mg/L	Y	J	J	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.147	—	—	0.03	mg/L	Y	—	J	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.4	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	35.8	—	—	1	µg/L	Y	—	J	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.7	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.7	—	—	1	µg/L	Y	E	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.1	—	—	1	µg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.1	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.9	—	—	0.03	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.07	1.41	5.57		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.09	1.6	5.5		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.58	1.4	4.9		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.82	1.3	4.9		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.78	1.52	4.51		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.55	—	—	0.067	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.066	mg/L	Y	—	J+	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.24	—	—	0.066	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	—	0.066	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.2	1.34	3.9		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.415	1.5	4.8		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.73	1.4	5.3		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.619	1.4	4.7		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.29	1.39	4.06		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.294	—	—	0.033	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.361	—	—	0.033	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.511	—	—	0.033	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.454	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.407	—	—	0.033	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.841	0.644	2.23		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.02	0.73	2.4		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.84	1.4	3.7		pCi/L	Y	—	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.446	0.295	1.13		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	—	09/19/06	WP	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0899	0.569	2.52		pCi/L	Y	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.725	0.614	2.1		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.775	0.69	2.4		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.23	0.69	2.2		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.57	0.734	2.35		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/19/06	WP	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1	0.945	3.21		pCi/L	Y	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.2	—	—	0.453	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.9	—	—	0.35	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.9	—	—	0.35	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.425	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.51	—	—	0.11	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.28	—	—	0.085	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.34	—	—	0.085	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.83	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.09	—	—	0.085	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.165	µg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.1	µg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.1	µg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.1	µg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	2.6	—	—	2	µg/L	Y	J	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.11	2.85	10.9		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.17	3.4	12		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-16.7	6.7	19		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.67	11	32		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-14.3	9.95	30.6		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.544	—	—	0.5	µg/L	Y	J	J	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.654	—	—	0.5	µg/L	Y	J	J	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.53	—	—	0.5	µg/L	Y	J	J	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.5	—	—	0.5	µg/L	Y	U	U	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.135	—	—	0.05	µg/L	Y	J	J	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.126	—	—	0.05	µg/L	Y	J	J	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.167	—	—	0.05	µg/L	Y	J	J	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.175	—	—	0.05	µg/L	Y	J	J	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.143	—	—	0.05	µg/L	Y	J	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00422	0.0339		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00217	0.0031	0.025		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00157	0.0027	0.026		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0145	0.0069	0.031		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0102	0.00675	0.0325		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00298	0.00666	0.0403		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00652	0.0049	0.042		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00157	0.0016	0.025		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00207	0.0046	0.036		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00203	0.00537	0.0384		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.32	—	—	0.05	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.26	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.46	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.07	15	61.4		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.92	18	62		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.9	13	47		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.4	18	67		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	46.3	21.8	39.6		pCi/L	Y	UI	R	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.5	—	—	0.053	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.3	—	—	0.053	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.9	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75	—	—	0.032	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.045	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.163	1.14	4.45		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.725	1.5	4.5		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.173	1.3	4.1		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.25	1.3	4.1		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.6	1.23	4.56		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	1	µS/cm	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	1	µS/cm	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	65.5	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.1	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.1	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	69.4	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.2	—	—	1	µg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.067	0.115	0.465		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.204	0.12	0.48		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.114	0.12	0.4		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.152	0.11	0.38		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0164	0.111	0.418		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.29	—	—	0.133	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.13	—	—	0.1	mg/L	Y	—	J+	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.1	—	—	0.1	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.46	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.1	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	2.4	mg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	2.4	mg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	2.38	mg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0892	—	—	0.035	mg/L	Y	J	J	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.039	—	—	0.033	mg/L	Y	J	J-	10-4821	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.079	—	—	0.033	mg/L	Y	J	J-	10-54	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	UJ	09-19	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.088	—	—	0.029	mg/L	Y	J	J	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.08	—	—	0.33	mg/L	Y	—	NQ	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.18	—	—	0.33	mg/L	Y	—	NQ	10-4821	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.47	—	—	0.33	mg/L	Y	—	NQ	10-54	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.82	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.61	—	—	0.33	mg/L	Y	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.203	—	—	0.067	µg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.205	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.189	—	—	0.05	µg/L	Y	J	J	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.31	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.16	—	—	0.05	µg/L	Y	J	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0603	0.0237	0.0636		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0804	0.016	0.041		pCi/L	Y	—	NQ	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.168	0.024	0.077		pCi/L	Y	—	NQ	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.113	0.017	0.058		pCi/L	Y	—	NQ	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.208	0.023	0.0453		pCi/L	Y	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00447	0.0118	0.0462		pCi/L	Y	U	U	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00594	0.0042	0.031		pCi/L	Y	U	U	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00972	0.0062	0.04		pCi/L	Y	U	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00203	0.0045	0.03		pCi/L	Y	U	U	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0113	0.00681	0.0322		pCi/L	Y	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0543	0.0174	0.0433		pCi/L	Y	—	J	12-1570	CAWR-12-23426	GELC
Ancho at Rio Grande	—	09/28/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0745	0.015	0.025		pCi/L	Y	—	NQ	10-4823	CAWR-10-25406	GELC
Ancho at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0826	0.015	0.047		pCi/L	Y	—	NQ	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	09/30/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.015	0.032		pCi/L	Y	—	NQ	09-21	CAWR-08-15454	GELC
Ancho at Rio Grande	—	09/25/07	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.115	0.0165	0.0357		pCi/L	Y	—	—	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.21	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.72	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.5	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.8	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.4	—	—	1	µg/L	Y	—	—	194654	GF070900PGRA01	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.01	—	—	3.3	µg/L	Y	J	J	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	2	µg/L	Y	U	U	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/25/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	2	—	—	2	µg/L	Y	U	U	194654	GF070900PGRA01	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.43	—	—	0.01	SU	Y	H	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	0.01	SU	Y	H	J-	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	J-	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	J-	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	J-	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	0.725	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.3	—	—	0.73	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.3	—	—	0.73	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.9	—	—	0.73	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.73	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0127	0.0067	0.0346		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0157	0.011	0.037		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00659	0.0034	0.065		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00451	0.0023	0.03		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0138	0.01	0.051		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0716	—	—	0.017	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.045	—	—	0.016	mg/L	Y	J	J-	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.5	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.4	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.2	—	—	0.03	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.983	1.59	6		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.655	1.7	6.4		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.533	1.3	4.5		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.541	1.5	5		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.885	1.7	4.5		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.22	—	—	0.067	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.066	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.066	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.066	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.066	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.34	—	—	2	µg/L	Y	J	J	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.15	—	—	2	µg/L	Y	J	J	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.08	—	—	2.5	µg/L	Y	J	J	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.94	—	—	2.5	µg/L	Y	J	J	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.4	—	—	1.5	µg/L	Y	J	J	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.5	1.45	5.32		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.388	1.7	6.8		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.26	1.4	4.9		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.32	1.3	4.9		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.42	1.5	3.7		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	—	0.033	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.308	—	—	0.033	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.57	—	—	0.033	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.386	—	—	0.033	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0564	0.423	1.95		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.27	0.91	3		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.474	0.62	2.4		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.4	0.66	1.5		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.638	0.699	2.68		pCi/L	Y	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.9	0.668	1.7		pCi/L	Y	—	NQ	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.38	0.82	2.4		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.84	0.83	2.1		pCi/L	Y	—	NQ	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.4	1.2	2.4		pCi/L	Y	—	NQ	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.05	0.819	2.34		pCi/L	Y	—	J	194658	GU070900GSAW01	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	0.453	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.45	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.9	—	—	0.35	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	0.35	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.6	—	—	0.35	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	187	—	—	30	µg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	162	—	—	30	µg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	234	—	—	30	µg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	140	—	—	30	µg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	133	—	—	25	µg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.26	—	—	0.11	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.12	—	—	0.11	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.35	—	—	0.085	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.26	—	—	0.085	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.53	—	—	0.085	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	84	—	—	2	µg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	33.7	—	—	2	µg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	38.7	—	—	2	µg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	36.7	—	—	2	µg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	52.6	—	—	2	µg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.17	µg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.09	—	—	0.1	µg/L	Y	—	U	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.26	—	—	0.1	µg/L	Y	—	U	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.99	—	—	0.1	µg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.72	2.55	8.92		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.398	3.5	12		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.262	2.6	8.6		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.406	12	39		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-9.37	11	32		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.206	—	—	0.017	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.322	—	—	0.05	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.326	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.418	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0636	—	—	0.01	mg/L	Y	—	U	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.197	—	—	0.05	µg/L	Y	J	J	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.277	—	—	0.05	µg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.272	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.05	µg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.28	—	—	0.05	µg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00435	0.035		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00409	0.0029	0.039		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00313	0.0027	0.018		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00164	0.0023	0.028		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00493	0.0037	0.025		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00435	0.0416		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00614	0.0036	0.038		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0172	0.0068	0.031		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00822	0.004	0.027		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00984	0.0047	0.028		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.85	—	—	0.05	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.5	16.5	56.1		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.9	21	85		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.4	19	62		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.6	19	73		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3	16	57		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.1	—	—	0.053	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.7	—	—	0.053	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.6	—	—	0.032	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.045	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.272	1.28	4.99		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0155	1.9	7.2		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.36	1.5	4.6		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.85	1.7	4.9		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.931	1.3	4.6		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.7	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.5	—	—	1	µg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	61.9	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.9	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.7	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.19	0.116	0.488		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00803	0.14	0.49		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00738	0.13	0.49		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.106	0.1	0.33		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.297	0.14	0.45		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.22	—	—	0.133	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.42	—	—	0.1	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.7	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.53	—	—	0.1	mg/L	Y	—	J	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.59	—	—	0.1	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	2.4	mg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	2.4	mg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	2.4	mg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.08	—	—	0.33	mg/L	Y	—	NQ	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.485	—	—	0.33	mg/L	Y	J	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.707	—	—	0.33	mg/L	Y	J	J	10-4818	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.825	—	—	0.33	mg/L	Y	J	J	10-45	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	09-25	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.322	0.655	2.243		pCi/L	Y	U	U	2013-8	CAWR-12-23427	ARSL
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.81	0.67	2.2		pCi/L	Y	U	U	12-75	CAWR-11-28027	ARSL
Ancho Spring	—	09/28/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	9.7244	1.771	2.898		pCi/L	Y	—	U	11-28	CAWR-10-25326	ARSL
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	13.685	2.3184	2.898		pCi/L	N	—	R	11-28	CAWR-10-25326	ARSL
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.2254	0.2898	0.2898		pCi/L	Y	U	U	10-68	CAWR-09-12539	UMTL
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.07084	0.78246	2.64684		pCi/L	Y	U	U	09-31	CAWR-08-15525	ARSL
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.145	—	—	0.067	µg/L	Y	J	J	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.182	—	—	0.067	µg/L	Y	J	J	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.491	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.325	—	—	0.05	µg/L	Y	—	U	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.2	—	—	0.05	µg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0901	0.0165	0.0423		pCi/L	Y	—	NQ	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.159	0.028	0.057		pCi/L	Y	—	J+	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.157	0.026	0.06		pCi/L	Y	—	NQ	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.159	0.026	0.11		pCi/L	Y	—	NQ	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.189	0.024	0.081		pCi/L	Y	—	NQ	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00297	0.00664	0.0307		pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00423	0.006	0.042		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0263	0.011	0.046		pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0037	0.0064	0.054		pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00285	0.0086	0.042		pCi/L	Y	U	U	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0889	0.0158	0.0288		pCi/L	Y	—	NQ	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.048	0.02	0.067		pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0781	0.017	0.036		pCi/L	Y	—	NQ	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0958	0.019	0.065		pCi/L	Y	—	NQ	10-47	CAWR-09-12539	GELC
Ancho Spring	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0968	0.018	0.045		pCi/L	Y	—	NQ	09-27	CAWR-08-15525	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.2	—	—	1	µg/L	Y	J	J	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	12-65	CAWR-11-28028	GELC
Ancho Spring	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.52	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.57	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.6	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15524	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J-	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	J	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	J	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	0.01	SU	Y	H	J	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.03	—	—	0.725	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	0.725	mg/L	Y	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.07	—	—	0.725	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	0.725	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.6	—	—	0.73	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.725	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57	—	—	0.725	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.1	—	—	1.45	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	147	—	—	68	µg/L	Y	J	J	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	922	—	—	68	µg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	146	—	—	68	µg/L	Y	J	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	75.5	—	—	68	µg/L	Y	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00577	0.0173	0.0788		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00134	0.003	0.025		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0123	0.0052	0.0359		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00694	0.00822	0.0418		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00838	0.00563	0.0593		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0983	—	—	0.017	mg/L	Y	—	J-	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.057	—	—	0.016	mg/L	Y	—	U	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.049	—	—	0.03	mg/L	Y	J	J	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.083	—	—	0.01	mg/L	Y	—	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.01	—	—	0.01	mg/L	Y	U	UJ	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.62	—	—	1.7	µg/L	Y	J	J	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	4.1	—	—	1.5	µg/L	Y	J	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Arsenic	As	N	6	—	—	6	µg/L	Y	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Arsenic	As	N	6	—	—	6	µg/L	Y	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	28.7	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	14.6	—	—	1	µg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.9	—	—	1	µg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.8	—	—	1	µg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.4	—	—	1	µg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	12-1573	CAWR-12-23456	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	10	—	—	10	µg/L	Y	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	10.2	—	—	10	µg/L	Y	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	10	—	—	10	µg/L	Y	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	25.7	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.09	—	—	0.05	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.03	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.4	—	—	0.036	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.5	—	—	0.036	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.89	1.55	6.22		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.247	1.4	4.6		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.746	1.26	3.35		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.82	1.08	3.16		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.39	0.771	2.9		pCi/L	Y	UI	R	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3	—	—	0.067	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.64	—	—	0.066	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.92	—	—	0.066	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.65	—	—	0.066	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6	—	—	0.053	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.79	2	7.21		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.526	1.6	5.3		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.138	1.18	3.86		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.895	1.15	4.75		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.46	0.714	2.69		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.18	—	—	0.033	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.298	—	—	0.033	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	—	0.033	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.264	—	—	0.033	mg/L	Y	—	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.238	—	—	0.03	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	18.8	2.73	2.99		pCi/L	Y	—	J	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.03	0.77	2.6		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.485	0.382	1.25		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.8	0.676	1.89		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.675	0.636	3.08		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	26.4	1.45	2.98		pCi/L	Y	—	J	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.62	0.9	2.6		pCi/L	Y	—	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.21	0.74	2.29		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	3.27	1.09	3.38		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.53	0.78	2.97		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	90.1	—	—	0.453	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.9	—	—	0.35	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.5	—	—	0.425	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.2	—	—	0.085	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.085	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	115	—	—	30	µg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	486	—	—	30	µg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	165	—	—	25	µg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	223	—	—	18	µg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	120	—	—	18	µg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.29	—	—	0.11	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.83	—	—	0.085	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.41	—	—	0.085	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.45	—	—	0.085	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.085	mg/L	Y	—	—	146888	GF05090PGRF01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	30	—	—	2	µg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.52	—	—	2	µg/L	Y	J	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.2	—	—	2	µg/L	Y	J	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.7	—	—	2	µg/L	Y	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.77	—	—	0.165	µg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1	—	—	0.1	µg/L	Y	—	U	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	3.7	—	—	2	µg/L	Y	J	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	2	—	—	2	µg/L	Y	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	2	—	—	2	µg/L	Y	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.4	2.7	9.75		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.38	10	35		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.986	9.93	29.6		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.35	7.99	28.8		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.25	5.68	19.4		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.13	—	—	0.5	µg/L	Y	J	J	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.654	—	—	0.5	µg/L	Y	J	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.64	—	—	0.5	µg/L	Y	J	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.82	—	—	0.5	µg/L	Y	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.5	—	—	0.5	µg/L	Y	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0771	—	—	0.017	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.017	—	—	0.01	mg/L	Y	J	JN-	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.014	—	—	0.014	mg/L	Y	U	UJ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0313	—	—	0.017	mg/L	Y	J	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00548	0.0123	0.0624		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00723	0.0057	0.034		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00195	0.00806	0.0312		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00609	0.00455	0.0195		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00182	0.00749	0.0278		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0384	0.0212	0.0741		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00542	0.006	0.021		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00195	0.00437	0.0369		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00406	0.00406	0.0227		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	4.33E-10	0.00445	0.03		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.3	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.91	—	—	0.05	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.06	—	—	0.05	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.8	23.3	93.2		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.2	22	76		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.99	13.4	48.6		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.6	15.8	33.9		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	31.9	7.41	29.5		pCi/L	Y	UI	R	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.4	—	—	0.053	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.6	—	—	0.032	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.7	—	—	0.032	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67	—	—	0.032	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.5	—	—	0.045	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.9	—	—	0.045	mg/L	Y	—	—	172455	GF060900PGRF01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.045	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0526	1.68	6.45		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.861	1.5	5.1		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.207	1.09	3.4		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.11	0.907	4.07		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.411	0.565	1.92		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	252	—	—	1	µS/cm	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	104	—	—	1	µS/cm	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µS/cm	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	139	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.7	—	—	1	µg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.7	—	—	1	µg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.5	—	—	1	µg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.706	0.171	0.479		pCi/L	Y	—	J	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0194	0.12	0.42		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0559	0.12	0.421		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00335	0.0978	0.373		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0728	0.0638	0.354		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.08	—	—	0.133	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.78	—	—	0.1	mg/L	Y	—	NQ	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.89	—	—	0.1	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.77	—	—	0.1	mg/L	Y	—	J+	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.01	—	—	0.057	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	2.4	mg/L	Y	H	J-	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	122	—	—	2.38	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	2.38	mg/L	Y	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	2.38	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.592	—	—	0.035	mg/L	Y	—	NQ	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.102	—	—	0.033	mg/L	Y	—	NQ	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.106	—	—	0.029	mg/L	Y	—	J	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.172	—	—	0.01	mg/L	Y	—	J+	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	7.9	—	—	0.33	mg/L	Y	—	NQ	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.21	—	—	0.33	mg/L	Y	—	NQ	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.84	—	—	0.33	mg/L	Y	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.55	—	—	0.33	mg/L	Y	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.381	—	—	0.017	mg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	J	U	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.07	—	—	0.024	mg/L	Y	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.059	—	—	0.01	mg/L	Y	—	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.256	—	—	0.01	mg/L	Y	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.583	—	—	0.067	µg/L	Y	—	NQ	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.058	—	—	0.05	µg/L	Y	J	U	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.05	—	—	0.05	µg/L	Y	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.069	—	—	0.05	µg/L	Y	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.057	—	—	0.05	µg/L	Y	J	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.486	0.0583	0.0961		pCi/L	Y	—	NQ	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0426	0.012	0.05		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.106	0.0157	0.0447		pCi/L	Y	—	J	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0647	0.0146	0.0519		pCi/L	Y	—	J	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0618	0.0134	0.0725		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0203	0.0151	0.0698		pCi/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0035	0.039		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0156	0.00674	0.0318		pCi/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0154	0.00693	0.0438		pCi/L	Y	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00588	0.0093	0.0546		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.366	0.0467	0.0654		pCi/L	Y	—	NQ	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0254	0.0087	0.036		pCi/L	Y	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0161	0.0353		pCi/L	Y	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0622	0.0134	0.0552		pCi/L	Y	—	J	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0476	0.0114	0.0514		pCi/L	Y	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.53	—	—	1	µg/L	Y	J	J	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.22	—	—	1	µg/L	Y	J	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	09/26/07	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.4	—	—	1	µg/L	Y	J	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.6	—	—	1	µg/L	Y	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	09/28/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3	—	—	1	µg/L	Y	J	—	146888	GF05090PGRF01	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	J-	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	J-	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	J-	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	125	—	—	0.725	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	117	—	—	0.73	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	120	—	—	0.73	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	131	—	—	0.73	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	125	—	—	0.73	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00231	0.00516	0.0315		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00194	0.0034	0.032		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.0047	0.036		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00727	0.0065	0.04		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0193	0.012	0.048		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0259	—	—	0.017	mg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0194	—	—	0.016	mg/L	Y	J	J	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.039	—	—	0.016	mg/L	Y	J	U	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	115	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	115	—	—	1	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	111	—	—	1	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	109	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	111	—	—	1	µg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	55.1	—	—	15	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	55.5	—	—	15	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	53.4	—	—	15	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	50.5	—	—	15	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	49.4	—	—	10	µg/L	Y	J	J	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.163	—	—	0.067	mg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.111	—	—	0.066	mg/L	Y	J	J	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.066	mg/L	Y	J	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.126	—	—	0.066	mg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.092	—	—	0.067	mg/L	Y	J	J	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.8	—	—	0.05	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34.6	—	—	0.05	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34.4	—	—	0.05	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.2	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34.6	—	—	0.03	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.43	1.28	4.44		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.509	1.7	5.8		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.943	1.6	4.8		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.133	1.2	3.9		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0448	1.5	4.7		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.1	—	—	0.067	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.91	—	—	0.066	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.96	—	—	0.066	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.59	—	—	0.066	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7	—	—	0.066	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.01	—	—	2	µg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.48	—	—	2.5	µg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.2	—	—	1.5	µg/L	Y	J	J	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.32	1.27	4.12		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.409	1.5	6		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.19	1.4	5.2		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.46	1.2	3.6		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.961	1.3	4.5		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.8	1.82	2.49		pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.42	2	2.3		pCi/L	Y	—	NQ	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.42	2	2.5		pCi/L	Y	—	NQ	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.2	2.1	2.3		pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/18/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	8.23	1.14	1.58		pCi/L	Y	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.39	0.947	2.33		pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.79	0.96	2.3		pCi/L	Y	—	NQ	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.22	0.86	2.4		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.6	1.2	2.8		pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/18/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.73	0.728	1.68		pCi/L	Y	—	J	194180	GU070900GSML01	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	93.8	—	—	0.453	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	90.3	—	—	0.45	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.2	—	—	0.35	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	91.8	—	—	0.35	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	90.7	—	—	0.35	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.09	—	—	0.11	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.963	—	—	0.11	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.05	—	—	0.085	mg/L	Y	—	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.932	—	—	0.085	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.05	—	—	0.085	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.26	—	—	2	µg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.23	—	—	2	µg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.165	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.17	µg/L	Y	—	J	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.1	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.1	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.1	—	—	0.1	µg/L	Y	—	U	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.856	2.47	8.93		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.22	2.7	9.7		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.77	2.6	8.3		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	12.7	10	33		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.2	10	31		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.613	—	—	0.5	µg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.5	µg/L	Y	J	J+	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.597	—	—	0.5	µg/L	Y	J	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.14	—	—	0.5	µg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.1	—	—	0.5	µg/L	Y	J	U	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.085	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.6	—	—	0.1	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.39	—	—	0.05	mg/L	Y	—	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.27	—	—	0.1	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.896	—	—	0.05	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.824	—	—	0.05	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.874	—	—	0.05	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.833	—	—	0.05	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.858	—	—	0.05	µg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00441	0.0355		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0017	0.032		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00416	0.0036	0.024		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0044	0.0044	0.037		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0035	0.026		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00624	0.00764	0.0422		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00928	0.005	0.031		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00623	0.0046	0.041		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0066	0.0049	0.036		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00174	0.003	0.03		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	E	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.69	—	—	0.05	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.47	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.63	—	—	0.05	mg/L	Y	E	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.5	16.5	55.5		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.74	18	71		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.6	16	52		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.771	17	56		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.7	19	66		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	29.8	—	—	0.053	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	28.7	—	—	0.053	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	29.7	—	—	0.053	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	28.3	—	—	0.053	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	30	—	—	0.032	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	28	—	—	0.1	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	28	—	—	0.1	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	26.5	—	—	0.1	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.5	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.1	—	—	0.045	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.559	1.03	3.89		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0124	1.4	5.5		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.537	1.3	4.5		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.966	1.2	3.6		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.278	1.7	5.6		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	319	—	—	1	µS/cm	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	312	—	—	1	µS/cm	Y	—	NQ	12-83	CAWR-11-27990	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	313	—	—	1	µS/cm	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	315	—	—	1	µS/cm	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	316	—	—	1	µS/cm	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	831	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	796	—	—	1	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	783	—	—	1	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	789	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	829	—	—	1	µg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0496	0.141	0.487		pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.212	0.12	0.49		pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.118	0.13	0.46		pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00996	0.1	0.39		pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0374	0.11	0.36		pCi/L	Y	U	U	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.1	—	—	0.133	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.1	mg/L	Y	—	J+	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14	—	—	0.1	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	195	—	—	2.4	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	2.4	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	2.4	mg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	—	0.035	mg/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.122	—	—	0.035	mg/L	Y	—	U	12-82	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.097	—	—	0.033	mg/L	Y	J	J	11-91	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.214	—	—	0.033	mg/L	Y	—	U	09-3313	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	U	08-2030	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.13	—	—	0.33	mg/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.855	—	—	0.33	mg/L	Y	J	U	12-82	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.05	—	—	0.33	mg/L	Y	—	NQ	11-91	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	09-3313	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.709	—	—	0.33	mg/L	Y	J	J	08-2030	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.388	0.669	2.294		pCi/L	Y	U	U	2013-25	CAWR-12-23429	ARSL
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.07	1.13	1.95		pCi/L	Y	U	U	12-97	CAWR-11-27992	ARSL
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-77.4176	62.8563	212.721		pCi/L	Y	U	U	11-115	CAWR-10-25330	ARSL
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0	0.2898	0.2898		pCi/L	Y	U	U	09-3316	CAWR-09-12480	UMTL
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.96884	1.0787	3.5259		pCi/L	Y	U	U	08-2032	CAWR-08-15463	ARSL
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	10.6	—	—	0.067	µg/L	Y	E	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	11.4	—	—	0.067	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	12.7	—	—	0.05	µg/L	Y	E	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	10.1	—	—	0.05	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	11.7	—	—	0.05	µg/L	Y	—	NQ	08-2030	CAWR-08-15464	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.72	0.12	0.0441		pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.67	0.39	0.079		pCi/L	Y	—	J+	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.11	0.37	0.032		pCi/L	Y	—	NQ	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.39	0.4	0.1		pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	6.36	0.43	0.13		pCi/L	Y	—	J+	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.164	0.0246	0.032		pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.27	0.046	0.058		pCi/L	Y	—	J+	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.401	0.042	0.025		pCi/L	Y	—	NQ	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.207	0.031	0.052		pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.203	0.036	0.07		pCi/L	Y	—	J+	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.76	0.0975	0.03		pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.13	0.27	0.093		pCi/L	Y	—	J+	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.2	0.24	0.02		pCi/L	Y	—	NQ	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.35	0.26	0.062		pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	4	0.28	0.074		pCi/L	Y	—	J+	08-2029	CAWR-08-15463	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.18	—	—	1	µg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.16	—	—	1	µg/L	Y	J	J	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.65	—	—	1	µg/L	Y	J	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.72	—	—	1	µg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.6	—	—	1	µg/L	Y	J	J	08-2030	CAWR-08-15464	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0147	0.00628	0.0286		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00221	0.0049	0.036		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00674	0.0055	0.034		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000299	0.0016	0.028		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00354	0.0157	0.0322		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.57	1.29	5.28		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0912	1.4	4.6		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.69	1.2	4.5		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.687	1.3	4.3		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.5	0.952	3.76		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.36	1.47	5.79		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.364	1.5	4.7		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.386	1.1	3.6		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.364	1.3	4.1		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.87	1.19	4.8		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.18	0.782	1.89		pCi/L	Y	—	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.577	0.6	2.3		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.953	0.72	2.4		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.37	0.52	2.1		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.27	0.377	1.51		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.73	0.873	2.79		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.15	0.82	2.4		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.105	0.68	2.6		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.85	0.82	2.5		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.16	0.761	3.01		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1	2.51	9.02		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.78	3	10		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.775	2.4	7.6		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-28.9	10	29		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.81	6.51	23.5		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00319	0.00714	0.0363		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0258	0.0086	0.034		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00196	0.0034	0.022		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00637	0.0036	0.027		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00468	0.0225	0.0716		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00958	0.00845	0.0432		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0158	0.0089	0.033		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0098	0.0071	0.038		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00159	0.0036	0.026		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0281	0.0163	0.0773		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.202	18	74.1		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.3	18	55		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.19	17	60		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.7	17	59		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	44.2	13.2	53.5		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.627	1.21	4.56		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.999	1.4	5.1		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.363	1.5	5		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.00745	1.3	4.2		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.428	1.1	4.18		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0106	0.123	0.463		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.068	0.14	0.48		pCi/L	Y	U	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.22	0.12	0.38		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0167	0.11	0.38		pCi/L	Y	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0721	0.095	0.434		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.685	0.0471	0.0526		pCi/L	Y	—	J	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.744	0.067	0.039		pCi/L	Y	—	NQ	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.645	0.063	0.046		pCi/L	Y	—	NQ	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.561	0.047	0.047		pCi/L	Y	—	J-	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.749	0.0533	0.0642		pCi/L	Y	—	—	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0296	0.0117	0.0382		pCi/L	Y	U	U	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0292	0.011	0.029		pCi/L	Y	—	U	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0336	0.011	0.035		pCi/L	Y	U	U	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0116	0.005	0.024		pCi/L	Y	U	UJ	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0312	0.0105	0.0483		pCi/L	Y	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	09/24/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.356	0.0337	0.0358		pCi/L	Y	—	J	12-1572	CAWR-12-23431	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.347	0.039	0.046		pCi/L	Y	—	NQ	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.351	0.04	0.028		pCi/L	Y	—	NQ	10-4828	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.298	0.028	0.029		pCi/L	Y	—	J-	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.347	0.0322	0.0454		pCi/L	Y	—	—	146888	GU05090PGRP01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	J-	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	J-	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	J-	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	J-	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.44	—	—	0.01	SU	Y	H	J	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	0.73	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111	—	—	0.73	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	0.73	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	0.73	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	0.725	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00515	0.00515	0.0351		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00643	0.0038	0.031		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00172	0.0016	0.031		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00559	0.0039	0.049		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0215	0.0094	0.056		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.019	0.012	0.028		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00804	0.0041	0.028		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00715	0.00485	0.0358		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.1	—	—	0.017	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.017	—	—	0.016	mg/L	Y	J	J-	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.061	—	—	0.016	mg/L	Y	—	J-	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-55	CAWR-09-12582	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.042	—	—	0.03	mg/L	Y	J	J	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.84	—	—	1.7	µg/L	Y	J	J	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5.4	—	—	1.5	µg/L	Y	—	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	78.4	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	79.1	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	80.8	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	55.5	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	55.3	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	55.6	—	—	1	µg/L	Y	E	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	55.5	—	—	1	µg/L	Y	E	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	73.4	—	—	1	µg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	32.9	—	—	15	µg/L	Y	J	J	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	31.3	—	—	15	µg/L	Y	J	J	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.1	—	—	15	µg/L	Y	J	J	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	24.2	—	—	15	µg/L	Y	J	J	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.7	—	—	15	µg/L	Y	J	J	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.3	—	—	10	µg/L	Y	J	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	39.6	—	—	0.05	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38.3	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38.2	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	33.9	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34.4	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	31.9	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	31.8	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	37.3	—	—	0.03	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.3	1.58	5.51		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.483	1.5	4.9		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.93	1.4	5.2		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.17	1.2	4.6		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.14	1.1	3.8		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.22	1.7	4.7		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.344	1.2	3.7		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.59	1.66	5.93		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.42	—	—	0.067	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.53	—	—	0.066	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.55	—	—	0.066	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.68	—	—	0.066	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.69	—	—	0.066	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.33	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.4	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.31	—	—	0.066	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.668	1.72	6.32		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.442	1.7	5.5		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.568	1.4	4.7		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.989	0.99	3.6		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.606	1.2	3.8		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0779	1.4	4.7		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.22	1.6	5.7		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.57	1.52	5.3		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.318	—	—	0.033	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.317	—	—	0.033	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.37	—	—	0.033	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.033	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.292	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.263	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.332	—	—	0.033	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.32	1.46	2.95		pCi/L	Y	—	NQ	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	3.44	1.3	3		pCi/L	Y	—	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.48	1	2.4		pCi/L	Y	—	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.91	1.7	2.7		pCi/L	Y	—	NQ	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	6.95	1.7	2.6		pCi/L	Y	—	NQ	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.3	2.46	4.02		pCi/L	Y	—	J	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.33	0.698	1.61		pCi/L	Y	—	J-	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.22	0.932	2.18		pCi/L	Y	—	NQ	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.53	0.92	3		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.91	0.95	2.6		pCi/L	Y	—	NQ	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.32	1.4	3.2		pCi/L	Y	—	NQ	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	6.89	1.2	2.5		pCi/L	Y	—	NQ	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	10.7	1.52	3.34		pCi/L	Y	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/28/05	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.09	0.818	2.89		pCi/L	Y	—	J	146888	GU05090PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	127	—	—	0.453	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	122	—	—	0.35	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	122	—	—	0.35	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	108	—	—	0.35	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	110	—	—	0.35	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	120	—	—	0.425	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.83	—	—	0.11	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.35	—	—	0.085	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.4	—	—	0.085	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.74	—	—	0.085	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.76	—	—	0.085	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.84	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.86	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.62	—	—	0.085	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.88	—	—	2	µg/L	Y	J	J	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	9.73	—	—	2	µg/L	Y	J	J	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	11.9	—	—	2	µg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.4	—	—	2	µg/L	Y	J	J	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	6.66	—	—	2	µg/L	Y	J	J	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.8	—	—	2	µg/L	Y	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.5	—	—	2	µg/L	Y	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	17.9	—	—	2	µg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.16	—	—	0.165	µg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.77	—	—	0.1	µg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.44	—	—	0.1	µg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.56	—	—	0.1	µg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.79	—	—	0.1	µg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.7	—	—	0.1	µg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.7	—	—	0.1	µg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	8.7	—	—	2	µg/L	Y	J	U	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.8	3.04	10.4		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.26	3	9.6		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.85	3.4	11		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.58	12	37		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	11.4	8.7	28		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.48	11	35		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.04	9.9	34		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-13.4	6.85	21.1		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.41	—	—	0.5	µg/L	Y	J	J	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.12	—	—	0.5	µg/L	Y	J	J	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.11	—	—	0.5	µg/L	Y	J	J	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.37	—	—	0.5	µg/L	Y	J	J	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.83	—	—	0.5	µg/L	Y	J	J	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.3	—	—	0.5	µg/L	Y	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.4	—	—	0.5	µg/L	Y	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.3	—	—	0.5	µg/L	Y	J	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0802	—	—	0.017	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0895	—	—	0.05	mg/L	Y	J	J	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0665	—	—	0.05	mg/L	Y	J	J	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.169	—	—	0.05	mg/L	Y	J	U	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.139	—	—	0.05	mg/L	Y	J	U	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.034	—	—	0.01	mg/L	Y	J	JN-	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0778	—	—	0.05	µg/L	Y	J	J	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0816	—	—	0.05	µg/L	Y	J	J	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0794	—	—	0.05	µg/L	Y	J	J	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0729	—	—	0.05	µg/L	Y	J	J	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0708	—	—	0.05	µg/L	Y	J	J	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0691	—	—	0.05	µg/L	Y	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.074	—	—	0.05	µg/L	Y	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0664	—	—	0.05	µg/L	Y	J	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00306	0.00619	0.0377		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00212	0.0021	0.024		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0206	0.011	0.026		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00389	0.0048	0.033		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.004	0.033		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0053	0.033		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00918	0.0056	0.035		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00214	0.00303	0.0343		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0188	0.0123	0.0449		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.003	0.041		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00229	0.0051	0.045		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00389	0.0048	0.032		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00596	0.0053	0.032		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00688	0.004	0.039		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00429	0.0043	0.037		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0107	0.00568	0.0404		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.72	—	—	0.05	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.46	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.21	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.22	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22.6	18.2	67.2		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.8	21	77		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	11	18	54		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	1.48	20	40		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.9	23	33		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	9.01	19	41		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	63	18	73		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	42	16.4	43.8		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	20.3	—	—	0.053	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	18	—	—	0.053	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	18.3	—	—	0.053	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	16.6	—	—	0.053	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	16.7	—	—	0.053	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	19.1	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	19.1	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	23.9	—	—	0.032	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.7	—	—	0.1	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.6	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.9	—	—	0.1	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.2	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.1	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.9	—	—	0.045	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3	1.5	6.88		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.308	1.7	5.8		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.883	1.3	4.1		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.83	1.4	3.5		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.42	1.2	4.5		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.38	1.3	3.3		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.69	1.3	4.7		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.865	1.36	4.09		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	331	—	—	1	µS/cm	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	330	—	—	1	µS/cm	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	328	—	—	1	µS/cm	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	286	—	—	1	µS/cm	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	288	—	—	1	µS/cm	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	264	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	272	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	297	—	—	1	µS/cm	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	314	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	311	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	310	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	249	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	256	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	249	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	251	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	297	—	—	1	µg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.4	0.156	0.489		pCi/L	Y	U	U	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.126	0.13	0.47		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.243	0.15	0.48		pCi/L	Y	U	U	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0455	0.11	0.36		pCi/L	Y	U	U	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0171	0.12	0.41		pCi/L	Y	U	U	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.116	0.14	0.54		pCi/L	Y	U	U	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0024	0.14	0.55		pCi/L	Y	U	U	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0839	0.108	0.383		pCi/L	Y	U	U	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	49.1	—	—	0.266	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	45.4	—	—	0.2	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	45.1	—	—	0.2	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	37.5	—	—	0.2	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	37.7	—	—	0.2	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	36.6	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	36.7	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	34.5	—	—	0.1	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	2.4	mg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	2.4	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	192	—	—	2.4	mg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	188	—	—	2.4	mg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	2.38	mg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.516	—	—	0.035	mg/L	Y	—	NQ	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.373	—	—	0.033	mg/L	Y	—	J-	10-4821	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.35	—	—	0.033	mg/L	Y	—	J-	10-4821	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.503	—	—	0.033	mg/L	Y	—	J-	10-54	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.618	—	—	0.033	mg/L	Y	—	J-	10-54	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	UJ	09-19	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.355	—	—	0.029	mg/L	Y	—	J	09-19	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.531	—	—	0.029	mg/L	Y	—	J	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.49	—	—	0.33	mg/L	Y	—	NQ	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.23	—	—	0.33	mg/L	Y	—	NQ	10-4821	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.27	—	—	0.33	mg/L	Y	—	NQ	10-4821	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.73	—	—	0.66	mg/L	Y	—	NQ	10-54	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.72	—	—	0.66	mg/L	Y	—	NQ	10-54	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.11	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.14	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.39	—	—	0.33	mg/L	Y	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.86	—	—	0.067	µg/L	Y	—	NQ	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	2.05	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.12	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.61	—	—	0.05	µg/L	Y	—	NQ	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.62	—	—	0.05	µg/L	Y	—	NQ	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.3	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.3	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.5	—	—	0.05	µg/L	Y	—	—	194654	GF070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.939	0.0495	0.0436		pCi/L	Y	—	NQ	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.18	0.1	0.046		pCi/L	Y	—	NQ	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.2	0.1	0.046		pCi/L	Y	—	NQ	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.945	0.082	0.078		pCi/L	Y	—	NQ	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.96	0.082	0.073		pCi/L	Y	—	NQ	10-56	CAWR-09-12587	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.703	0.053	0.057		pCi/L	Y	—	NQ	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.886	0.071	0.092		pCi/L	Y	—	NQ	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.82	0.12	0.048		pCi/L	Y	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0337	0.0111	0.0317		pCi/L	Y	—	NQ	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0438	0.013	0.036		pCi/L	Y	—	NQ	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0337	0.011	0.036		pCi/L	Y	U	U	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0526	0.014	0.038		pCi/L	Y	—	NQ	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0781	0.017	0.04		pCi/L	Y	—	NQ	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.064	0.013	0.03		pCi/L	Y	—	NQ	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0937	0.019	0.048		pCi/L	Y	—	NQ	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.091	0.016	0.0341		pCi/L	Y	—	J	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.704	0.0422	0.0297		pCi/L	Y	—	NQ	12-1570	CAWR-12-23432	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.742	0.07	0.028		pCi/L	Y	—	NQ	10-4823	CAWR-10-25415	GELC
Rio Grande at Frijoles	—	09/29/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.8	0.074	0.028		pCi/L	Y	—	NQ	10-4823	CAWR-10-25413	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.671	0.062	0.048		pCi/L	Y	—	NQ	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	09/30/09	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.639	0.059	0.045		pCi/L	Y	—	NQ	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.505	0.041	0.032		pCi/L	Y	—	NQ	09-21	CAWR-08-15449	GELC
Rio Grande at Frijoles	—	10/01/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.525	0.049	0.051		pCi/L	Y	—	NQ	09-21	CAWR-08-15447	GELC
Rio Grande at Frijoles	—	09/26/07	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.19	0.0835	0.0379		pCi/L	Y	—	—	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	09/26/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.25	—	—	1	µg/L	Y	J	J	12-1570	CAWR-12-23460	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.21	—	—	1	µg/L	Y	J	J	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.99	—	—	1	µg/L	Y	J	J	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.01	—	—	1	µg/L	Y	J	J	10-55	CAWR-09-12586	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.77	—	—	1	µg/L	Y	J	J	10-55	CAWR-09-12582	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.2	—	—	1	µg/L	Y	J	J	09-20	CAWR-08-15448	GELC
Rio Grande at Frijoles	—	10/01/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.5	—	—	1	µg/L	Y	J	J	09-20	CAWR-08-15450	GELC
Rio Grande at Frijoles	—	09/26/07	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.9	—	—	1	µg/L	Y	J	—	194654	GF070900PRGF01	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	0.01	SU	Y	H	J-	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	0.725	mg/L	Y	U	U	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.13	—	—	0.725	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.08	—	—	0.73	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	0.725	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	136	—	—	0.725	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	0.73	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00245	0.00424	0.0334		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00249	0.00659	0.034		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00974	0.0043	0.042		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0102	0.0049	0.033		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00727	0.004	0.021		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00102	0.0031	0.031		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00467	0.0031	0.029		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0474	—	—	0.017	mg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0645	—	—	0.017	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.049	—	—	0.016	mg/L	Y	J	U	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.43	—	—	1.7	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.01	—	—	1.7	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.39	—	—	1.5	µg/L	Y	J	J	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.71	—	—	1.5	µg/L	Y	J	J	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70.6	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	71	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	71.6	—	—	1	µg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	59	—	—	1	µg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.9	—	—	1	µg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	45.8	—	—	1	µg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	43.4	—	—	1	µg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	34.7	—	—	15	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	35.2	—	—	15	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	37.3	—	—	15	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.8	—	—	15	µg/L	Y	J	J	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.8	—	—	15	µg/L	Y	J	J	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	24.2	—	—	15	µg/L	Y	J	J	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.8	—	—	15	µg/L	Y	J	J	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	41.2	—	—	0.05	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	40.6	—	—	0.05	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	39.9	—	—	0.05	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.9	—	—	0.05	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	27.3	—	—	0.05	mg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.1	—	—	0.05	mg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34	—	—	0.05	mg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.948	1.54	5.97		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.348	1.12	4.4		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.222	1.2	4		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.05	1.3	4.2		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.902	0.83	3		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0378	1.2	3.7		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.332	1.3	4.5		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.48	—	—	0.067	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.53	—	—	0.067	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.91	—	—	0.066	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.497	1.42	5.55		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.886	1.4	5.89		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.51	1.1	4.1		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.13	1.6	5.3		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.222	0.94	3		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.499	1.3	4.3		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.11	1.2	4		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.379	—	—	0.033	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.38	—	—	0.033	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.2	1.1	2.41		pCi/L	Y	—	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	6.08	1.47	2.61		pCi/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.59	1	2.4		pCi/L	Y	—	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.75	0.76	2		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.75	1.4	3.5		pCi/L	Y	—	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.28	0.91	2.1		pCi/L	Y	—	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.94	1.1	2.2		pCi/L	Y	—	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.96	0.972	2.24		pCi/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.35	0.922	2.25		pCi/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.91	0.91	2.8		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.21	0.96	3		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.09	0.89	2.3		pCi/L	Y	—	NQ	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.58	0.91	2.2		pCi/L	Y	—	NQ	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.07	1	2.6		pCi/L	Y	—	NQ	10-1447	CAWR-10-11786	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	135	—	—	0.453	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	133	—	—	0.453	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	126	—	—	0.35	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	115	—	—	0.35	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.1	—	—	0.35	mg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	111	—	—	0.35	mg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	115	—	—	0.35	mg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.75	—	—	0.11	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.56	—	—	0.11	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.1	—	—	0.085	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.24	—	—	0.085	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.87	—	—	0.085	mg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.38	—	—	0.085	mg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.74	—	—	0.085	mg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.66	—	—	2	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	8.05	—	—	2	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.31	—	—	2	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.46	—	—	2	µg/L	Y	J	J	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.97	—	—	2	µg/L	Y	J	J	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	14.6	—	—	2	µg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	13.1	—	—	2	µg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.69	—	—	0.165	µg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.43	—	—	0.165	µg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	7.17	—	—	0.1	µg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.56	—	—	0.1	µg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.1	µg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.62	—	—	0.1	µg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.89	—	—	0.1	µg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.7	2.53	9.56		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.65	2.98	10.4		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.473	2.6	8.7		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	9.46	3.3	10		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:Np-237	Neptunium-237	Np-237	N	0.0112	0.0059	0.013		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:Np-237	Neptunium-237	Np-237	N	-0.0125	0.0093	0.03		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.52	1.9	6.7		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.79	10	35		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.63	12	37		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.999	—	—	0.5	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.29	—	—	0.5	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.52	—	—	0.5	µg/L	Y	J	J	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.24	—	—	0.5	µg/L	Y	J	J	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.71	—	—	0.5	µg/L	Y	J	J	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.28	—	—	0.5	µg/L	Y	J	J	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	1.11E-05	—	—	4E-05	µg/L	Y	U	U	2013-24	CAWR-12-23433	CFA
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	DIOXINS FURANS	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	Y	1.16E-05	—	—	4E-05	µg/L	Y	J	J	2013-24	CAWR-12-23402	CFA
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.074	—	—	0.05	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0724	—	—	0.05	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0711	—	—	0.05	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00297	0.00664	0.0338		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00277	0.00479	0.0315		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00437	0.0031	0.025		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00511	0.0036	0.034		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00264	0.0026	0.042		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00452	0.0078	0.038		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00247	0.011	0.042		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0083	0.00618	0.0374		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00297	0.00786	0.0401		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0022	0.043		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00767	0.0057	0.035		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0053	0.039		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00493	0.007	0.029		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00903	0.0078	0.026		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.69	—	—	0.05	mg/L	Y	E	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	E	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.55	—	—	0.05	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	E	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.6	—	—	0.05	mg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-12.2	17	62.3		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.5	15.8	57.8		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.95	16	52		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.6	19	74		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.44	13	44		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	3.81	19	33		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	65	16	61		pCi/L	Y	UI	R	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	19.5	—	—	0.053	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	19.7	—	—	0.053	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	19.2	—	—	0.053	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.2	—	—	0.1	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.1	—	—	0.1	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.7	—	—	0.1	mg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.9	—	—	0.1	mg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.79	1.36	3.95		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.358	1.38	5.43		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.156	1.3	4.2		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.4	1.6	4.4		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.372	0.89	2.7		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.923	1.1	3.2		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.592	1.2	3.9		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1.25	—	—	1	µS/cm	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	337	—	—	1	µS/cm	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	333	—	—	1	µS/cm	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	319	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	322	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	306	—	—	1	µg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	263	—	—	1	µg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	204	—	—	1	µg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	259	—	—	1	µg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	250	—	—	1	µg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0644	0.141	0.489		pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0373	0.133	0.475		pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.345	0.16	0.5		pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.33	0.16	0.5		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0525	0.12	0.44		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0255	0.12	0.46		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.324	0.15	0.46		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.9	—	—	0.665	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.4	—	—	0.665	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	41.1	—	—	0.5	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	208	—	—	2.4	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	—	0.035	mg/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.115	—	—	0.035	mg/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.311	—	—	0.033	mg/L	Y	—	NQ	11-91	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	10-3671	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.368	—	—	0.033	mg/L	Y	—	J	10-3116	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.092	—	—	0.033	mg/L	Y	J	J-	10-1445	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.113	—	—	0.033	mg/L	Y	—	J-	10-1445	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.51	—	—	0.33	mg/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.5	—	—	0.33	mg/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.23	—	—	0.33	mg/L	Y	—	NQ	11-91	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.88	—	—	0.33	mg/L	Y	—	NQ	10-3671	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.19	—	—	0.33	mg/L	Y	—	NQ	10-3116	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.27	—	—	0.33	mg/L	Y	—	NQ	10-1445	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.54	—	—	0.33	mg/L	Y	—	NQ	10-1445	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	13.24	2.161	2.119		pCi/L	Y	—	J-	2013-25	CAWR-12-23433	ARSL
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	12.134	1.998	2.085		pCi/L	Y	—	J-	2013-25	CAWR-12-23402	ARSL
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	18.998	2.9946	2.415		pCi/L	Y	—	NQ	11-115	CAWR-10-25403	ARSL
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	11.8496	1.8998	1.932		pCi/L	Y	—	NQ	10-3674	CAWR-10-24226	ARSL
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	20.125	3.1234	1.8032		pCi/L	Y	—	NQ	10-3119	CAWR-10-17025	ARSL
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	17.3236	2.7048	1.8032		pCi/L	N	—	R	10-3119	CAWR-10-17025	ARSL
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	17.6778	0.5796	0.2898		pCi/L	Y	—	NQ	10-1448	CAWR-10-11781	UMTL
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.8746	0.5152	0.2898		pCi/L	Y	—	NQ	10-1448	CAWR-10-11786	UMTL
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.75	—	—	0.067	µg/L	Y	E	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.88	—	—	0.067	µg/L	Y	E	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	3.13	—	—	0.05	µg/L	Y	E	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.4	—	—	0.05	µg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.19	—	—	0.05	µg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	3.52	—	—	0.05	µg/L	Y	—	NQ	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	3.63	—	—	0.05	µg/L	Y	—	NQ	10-1446	CAWR-10-11783	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.96	0.0435	0.0327		pCi/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.938	0.0435	0.0333		pCi/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.24	0.099	0.032		pCi/L	Y	—	NQ	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.688	0.065	0.066		pCi/L	Y	—	NQ	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.62	0.066	0.056		pCi/L	Y	—	NQ	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.48	0.15	0.13		pCi/L	Y	—	NQ	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.54	0.16	0.17		pCi/L	Y	—	NQ	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0299	0.01	0.0238		pCi/L	Y	—	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0515	0.0124	0.0242		pCi/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0985	0.017	0.025		pCi/L	Y	—	NQ	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0319	0.011	0.04		pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0296	0.011	0.051		pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0503	0.021	0.097		pCi/L	Y	U	U	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0397	0.017	0.077		pCi/L	Y	U	U	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.587	0.0334	0.0226		pCi/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.657	0.0352	0.0223		pCi/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.814	0.069	0.019		pCi/L	Y	—	NQ	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.441	0.046	0.046		pCi/L	Y	—	NQ	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.376	0.046	0.051		pCi/L	Y	—	NQ	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.9	0.099	0.086		pCi/L	Y	—	NQ	10-1447	CAWR-10-11781	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.8	0.099	0.11		pCi/L	Y	—	NQ	10-1447	CAWR-10-11786	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.09	—	—	1	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.97	—	—	1	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.99	—	—	1	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.65	—	—	1	µg/L	Y	J	J	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.22	—	—	1	µg/L	Y	J	J	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.31	—	—	1	µg/L	Y	J	J	10-1446	CAWR-10-11872	GELC
Rio Grande at Otowi Bridge	—	01/26/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.26	—	—	1	µg/L	Y	J	J	10-1446	CAWR-10-11783	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	—	0.01	SU	Y	H	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	J-	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	J-	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	J-	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	J-	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	J-	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	J-	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	J-	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	124	—	—	0.725	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	127	—	—	0.725	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	142	—	—	0.73	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	136	—	—	0.73	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	133	—	—	0.73	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	129	—	—	0.73	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	129	—	—	0.73	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	125	—	—	0.73	mg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	125	—	—	0.73	mg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00253	0.00438	0.0345		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0128	0.00676	0.0349		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0066	0.077		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00255	0.0035	0.029		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00109	0.0046	0.043		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00683	0.0053	0.044		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0257	0.017	0.029		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0143	0.012	0.026		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.13	—	—	0.017	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0591	—	—	0.017	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0328	—	—	0.016	mg/L	Y	J	J+	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.096	—	—	0.016	mg/L	Y	—	U	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.038	—	—	0.016	mg/L	Y	J	U	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.038	—	—	0.016	mg/L	Y	J	U	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.018	—	—	0.016	mg/L	Y	J	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.89	—	—	1.7	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.88	—	—	1.7	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.85	—	—	1.7	µg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.35	—	—	1.5	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	—	1.5	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-3314	CAWR-09-12472	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.5	—	—	1.5	µg/L	Y	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.1	—	—	1.5	µg/L	Y	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	81.2	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	83.1	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	92.7	—	—	1	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	91.9	—	—	1	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	92	—	—	1	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	88.2	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	89.4	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	84.5	—	—	1	µg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	82.6	—	—	1	µg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	35.8	—	—	15	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	36.3	—	—	15	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	32.2	—	—	15	µg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.2	—	—	15	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	30.3	—	—	15	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.4	—	—	15	µg/L	Y	J	J	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	30.8	—	—	15	µg/L	Y	J	J	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	30.1	—	—	10	µg/L	Y	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	30.2	—	—	10	µg/L	Y	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34	—	—	0.05	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34.6	—	—	0.05	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38.4	—	—	0.05	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38.7	—	—	0.05	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38	—	—	0.05	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	33.7	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	33.7	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34	—	—	0.03	mg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	33.6	—	—	0.03	mg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.2	1.64	5.25		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.127	1.41	5.26		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.24	1.2	3.5		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.871	1.6	5		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.27	1.9	6.5		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.4	1.5	5.2		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0292	1.3	4.3		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.3	1.2	4.2		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	0.067	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	—	0.067	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.066	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.94	—	—	0.066	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.94	—	—	0.066	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.44	—	—	0.066	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.45	—	—	0.066	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.74	—	—	0.066	mg/L	Y	—	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.73	—	—	0.066	mg/L	Y	—	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.906	1.32	4.85		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.89	1.52	6.06		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.41	1.3	5.4		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.07	1.5	5.4		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.92	1.5	5.1		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.07	1.3	4.4		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.437	1.3	3.8		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.93	1.3	4.9		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.451	—	—	0.033	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.496	—	—	0.033	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.495	—	—	0.033	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.519	—	—	0.033	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.645	—	—	0.033	mg/L	Y	—	J-	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.654	—	—	0.033	mg/L	Y	—	J-	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.591	—	—	0.033	mg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.588	—	—	0.033	mg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.42	0.657	2.68		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.18	0.781	2.57		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.36	1.1	2.8		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.21	0.8	2.5		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.2	0.78	2.4		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.29	0.9	2		pCi/L	Y	—	U	09-3315	CAWR-09-12476	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.78	0.81	2		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/19/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0664	0.445	1.56		pCi/L	Y	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.67	0.675	2.09		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.593	0.663	2.33		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.08	0.82	2.4		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.39	0.81	2.6		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.44	0.85	2.4		pCi/L	Y	—	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.984	0.82	2.8		pCi/L	Y	U	U	09-3315	CAWR-09-12476	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.62	0.97	2.1		pCi/L	Y	—	NQ	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/19/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.12	0.818	2.52		pCi/L	Y	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	94.1	—	—	0.453	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	92.4	—	—	0.453	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	102	—	—	0.45	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	101	—	—	0.35	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	102	—	—	0.35	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.7	—	—	0.35	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.8	—	—	0.35	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.8	—	—	0.35	mg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	91	—	—	0.35	mg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	38.8	—	—	30	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	45.9	—	—	30	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	46.2	—	—	30	µg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	118	—	—	30	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	126	—	—	30	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	185	—	—	30	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	221	—	—	30	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	103	—	—	25	µg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	98.2	—	—	25	µg/L	Y	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.85	—	—	0.11	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.82	—	—	0.11	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.53	—	—	0.11	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.4	—	—	0.085	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.4	—	—	0.085	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.39	—	—	0.085	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.37	—	—	0.085	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.47	—	—	0.085	mg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.5	—	—	0.085	mg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	35.1	—	—	2	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	35	—	—	2	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	152	—	—	2	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	424	—	—	2	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	402	—	—	2	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	195	—	—	2	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	197	—	—	2	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	194	—	—	2	µg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	197	—	—	2	µg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.165	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.165	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.51	—	—	0.17	µg/L	Y	—	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.1	µg/L	Y	—	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.5	—	—	0.1	µg/L	Y	—	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.4	—	—	0.1	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.1	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.4	—	—	0.1	µg/L	Y	—	U	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.5	—	—	0.1	µg/L	Y	—	U	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.91	2.49	10		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.71	2.61	8.39		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.52	2.4	8.8		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.8	3	9		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.997	2.1	6.8		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	29	14	33		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-14.4	9.6	28		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.17	8.3	29		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.08	—	—	0.5	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.05	—	—	0.5	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.62	—	—	0.5	µg/L	Y	J	J+	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.825	—	—	0.5	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.813	—	—	0.5	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.06	—	—	0.5	µg/L	Y	J	J	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.14	—	—	0.5	µg/L	Y	J	J	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	1.1	—	—	0.5	µg/L	Y	J	U	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1	—	—	0.5	µg/L	Y	J	U	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.121	—	—	0.017	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.118	—	—	0.017	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.182	—	—	0.05	mg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.174	—	—	0.05	mg/L	Y	J	U	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0299	—	—	0.01	mg/L	Y	J	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0895	—	—	0.05	mg/L	Y	J	U	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.077	—	—	0.05	mg/L	Y	J	U	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.171	—	—	0.05	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.171	—	—	0.05	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.107	—	—	0.05	µg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0637	—	—	0.05	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0651	—	—	0.05	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.109	—	—	0.05	µg/L	Y	J	J	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.105	—	—	0.05	µg/L	Y	J	J	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0594	—	—	0.05	µg/L	Y	J	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0729	—	—	0.05	µg/L	Y	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00347	0.028		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00263	0.00456	0.0299		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0413	0.021	0.09		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00383	0.0027	0.022		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.002	0.023		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00383	0.0038	0.032		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00528	0.0047	0.027		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00204	0.0061	0.031		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00263	0.00696	0.0356		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00491	0.00602	0.0332		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0381	0.014	0.087		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00199	0.002	0.039		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00382	0.0033	0.037		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00382	0.0047	0.031		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00408	0.0029	0.035		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00703	0.0035	0.03		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.58	—	—	0.05	mg/L	Y	E	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	E	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.21	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.23	—	—	0.05	mg/L	Y	E	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	E	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-7.56	16.7	65.6		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.3	18.9	63.7		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.2	17	61		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	24.6	18	66		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	31.4	18	70		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11	18	59		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	14	21	46		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.9	15	47		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.3	—	—	0.265	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47	—	—	0.265	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.2	—	—	0.053	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.7	—	—	0.053	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.2	—	—	0.053	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46	—	—	0.053	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.8	—	—	0.053	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.9	—	—	0.032	mg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.6	—	—	0.032	mg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.8	—	—	0.1	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.2	—	—	0.1	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.2	—	—	0.1	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.8	—	—	0.1	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.5	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.3	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.1	—	—	0.045	mg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.4	—	—	0.045	mg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.611	1.46	5.42		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.43	1.06	3.63		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.648	1.3	5.2		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.319	1.3	4.2		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	1.6	5.6		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.222	1.5	4.8		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.92	1.3	5		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.799	1.1	3.7		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	280	—	—	1	µS/cm	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	321	—	—	1	µS/cm	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	292	—	—	1	µS/cm	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	292	—	—	1	µS/cm	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	300	—	—	1	µS/cm	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	266	—	—	1	µS/cm	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	265	—	—	1	µS/cm	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	268	—	—	1	µS/cm	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	410	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	403	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	455	—	—	1	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	474	—	—	1	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	463	—	—	1	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	406	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	408	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	412	—	—	1	µg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	417	—	—	1	µg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0223	0.137	0.493		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.207	0.124	0.476		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.251	0.12	0.49		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.189	0.13	0.45		pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0162	0.13	0.48		pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.229	0.11	0.33		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.114	0.11	0.38		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0674	0.11	0.38		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.08	—	—	0.133	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.03	—	—	0.133	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.52	—	—	0.1	mg/L	Y	—	J+	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.01	—	—	0.1	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.05	—	—	0.1	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.22	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.27	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.01	—	—	0.1	mg/L	Y	—	J	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.06	—	—	0.1	mg/L	Y	—	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.51	—	—	0.45	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.45	—	—	0.45	µg/L	Y	U	U	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	1	—	—	0.3	µg/L	Y	U	U	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	1	—	—	0.3	µg/L	Y	U	U	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	1	—	—	0.3	µg/L	Y	U	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	1	—	—	0.3	µg/L	Y	U	U	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	1	—	—	0.3	µg/L	Y	U	U	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	1	—	—	0.3	µg/L	Y	U	U	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	205	—	—	2.4	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	2.4	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	2.4	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	2.4	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	188	—	—	2.4	mg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	09/26/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	2.4	mg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.126	—	—	0.035	mg/L	Y	—	NQ	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.035	—	—	0.035	mg/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0941	—	—	0.035	mg/L	Y	J	J-	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.085	—	—	0.033	mg/L	Y	J	J	11-63	CAWR-10-26567	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	11-63	CAWR-10-25332	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.108	—	—	0.033	mg/L	Y	—	U	09-3313	CAWR-09-12476	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.179	—	—	0.033	mg/L	Y	—	U	09-3313	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	U	08-2030	CAWR-08-15462	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.048	—	—	0.029	mg/L	Y	J	U	08-2030	CAWR-08-15456	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.42	—	—	0.33	mg/L	Y	—	NQ	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.35	—	—	0.33	mg/L	Y	—	NQ	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.21	—	—	0.33	mg/L	Y	—	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.43	—	—	0.33	mg/L	Y	—	U	11-63	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.45	—	—	0.33	mg/L	Y	—	U	11-63	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.772	—	—	0.33	mg/L	Y	J	J	09-3313	CAWR-09-12476	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.795	—	—	0.33	mg/L	Y	J	J	09-3313	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.87	—	—	0.33	mg/L	Y	—	NQ	08-2030	CAWR-08-15462	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.95	—	—	0.33	mg/L	Y	—	NQ	08-2030	CAWR-08-15456	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.654	0.589	1.932		pCi/L	Y	U	U	2013-29	CAWR-12-23434	ARSL
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.316	0.643	2.16		pCi/L	Y	U	U	2013-29	CAWR-12-23403	ARSL
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.42	1.21	2.06		pCi/L	Y	U	U	12-97	CAWR-11-27994	ARSL
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-24.3512	63.7201	214.113		pCi/L	Y	U	U	11-115	CAWR-10-25332	ARSL
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	21.5418	3.3488	2.1896		pCi/L	Y	—	NQ	11-115	CAWR-10-26567	ARSL
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.2254	0.2898	0.2898		pCi/L	Y	U	U	09-3316	CAWR-09-12471	UMTL
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.3542	0.2898	0.2898		pCi/L	Y	—	U	09-3316	CAWR-09-12476	UMTL
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.45402	1.01108	3.45506		pCi/L	Y	U	U	08-2032	CAWR-08-15462	ARSL
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.45686	1.04972	3.4937		pCi/L	Y	U	U	08-2032	CAWR-08-15456	ARSL
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.12	—	—	0.067	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.38	—	—	0.067	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.05	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	4.27	—	—	0.05	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.861	—	—	0.05	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.833	—	—	0.05	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.88	—	—	0.05	µg/L	Y	—	NQ	08-2030	CAWR-08-15460	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.87	—	—	0.05	µg/L	Y	—	NQ	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.644	0.0422	0.0437		pCi/L	Y	—	NQ	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.689	0.0417	0.0401		pCi/L	Y	—	J	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.949	0.088	0.061		pCi/L	Y	—	NQ	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.726	0.063	0.032		pCi/L	Y	—	NQ	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.772	0.067	0.034		pCi/L	Y	—	NQ	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.603	0.061	0.098		pCi/L	Y	—	NQ	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.532	0.046	0.074		pCi/L	Y	—	NQ	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.657	0.057	0.089		pCi/L	Y	—	NQ	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0153	0.0102	0.0317		pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00846	0.00846	0.0291		pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0362	0.015	0.045		pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0734	0.014	0.025		pCi/L	Y	—	NQ	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0856	0.016	0.027		pCi/L	Y	—	NQ	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0205	0.0098	0.05		pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0219	0.011	0.046		pCi/L	Y	U	U	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0233	0.0079	0.038		pCi/L	Y	U	U	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	0.0324	0.0297		pCi/L	Y	—	NQ	2013-36	CAWR-12-23403	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.356	0.0287	0.0273		pCi/L	Y	—	J	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.41	0.048	0.072		pCi/L	Y	—	NQ	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.352	0.037	0.021		pCi/L	Y	—	NQ	11-65	CAWR-10-26567	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.387	0.038	0.02		pCi/L	Y	—	NQ	11-65	CAWR-10-25332	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.401	0.045	0.06		pCi/L	Y	—	NQ	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.321	0.034	0.049		pCi/L	Y	—	NQ	08-2029	CAWR-08-15456	GELC
Sacred Spring	—	09/26/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.337	0.033	0.041		pCi/L	Y	—	NQ	08-2029	CAWR-08-15462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.77	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.33	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.96	—	—	1	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.94	—	—	1	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.1	—	—	1	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.44	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.6	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.5	—	—	1	µg/L	Y	J	J	08-2030	CAWR-08-15461	GELC
Sacred Spring	—	09/26/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.4	—	—	1	µg/L	Y	J	J	08-2030	CAWR-08-15460	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	J-	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	J-	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	J-	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.9	—	—	0.725	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.1	—	—	0.73	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.2	—	—	0.73	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95	—	—	0.73	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.7	—	—	0.73	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00261	0.00585	0.0357		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00907	0.0046	0.037		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00447	0.0026	0.03		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00315	0.0025	0.036		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00752	0.0098	0.027		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.103	—	—	0.017	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0491	—	—	0.016	mg/L	Y	J	J	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.03	—	—	0.016	mg/L	Y	J	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.037	—	—	0.03	mg/L	Y	J	J-	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.42	—	—	1.7	µg/L	Y	J	J	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	—	1.7	µg/L	Y	J	J	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.25	—	—	1.5	µg/L	Y	J	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.17	—	—	1.5	µg/L	Y	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.1	—	—	1.5	µg/L	Y	J	J	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.1	—	—	1	µg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	39.7	—	—	15	µg/L	Y	J	J	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	37.9	—	—	15	µg/L	Y	J	J	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	39.3	—	—	15	µg/L	Y	J	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	36.8	—	—	15	µg/L	Y	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	39.7	—	—	10	µg/L	Y	J	J	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	Y	43.6	—	—	15	µg/L	Y	J	J	12-1566	CAWR-12-23392	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	50	—	—	15	µg/L	Y	U	UJ	12-72	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	50	—	—	15	µg/L	Y	U	U	10-4766	CAWR-10-25420	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	09/28/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	50	—	—	15	µg/L	Y	U	U	10-13	CAWR-09-12487	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	50	—	—	13	µg/L	Y	UH	UJ	08-2041	CAWR-08-15470	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.1	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.3	—	—	0.05	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15	—	—	0.03	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.4	1.65	5.82		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.53	1.8	6.6		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.538	1.5	5.1		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.69	1.7	4.7		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.85	1.3	4.9		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.89	—	—	0.067	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.79	—	—	0.066	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	0.066	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.9	—	—	0.066	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.066	mg/L	Y	—	J	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	Y	0.31	—	—	0.3	µg/L	Y	J	J	12-1566	CAWR-12-23392	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	1	—	—	0.3	µg/L	Y	U	U	12-72	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	1	—	—	0.3	µg/L	Y	U	U	10-4766	CAWR-10-25420	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	1	—	—	0.3	µg/L	Y	U	UJ	10-13	CAWR-09-12487	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	1	—	—	0.3	µg/L	Y	UH	UJ	08-2041	CAWR-08-15470	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.37	—	—	2	µg/L	Y	J	J	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.96	—	—	2	µg/L	Y	J	J	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.34	—	—	2.5	µg/L	Y	J	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.27	—	—	2.5	µg/L	Y	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.9	—	—	1.5	µg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.175	1.26	4.86		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.202	1.5	5.8		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.12	1.4	4.5		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.825	1.4	4.4		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.27	1.3	3.8		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.43	—	—	0.033	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.489	—	—	0.033	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.474	—	—	0.033	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.615	—	—	0.033	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.548	—	—	0.033	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.89	1.18	2.58		pCi/L	Y	—	NQ	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.28	0.98	1.9		pCi/L	Y	—	NQ	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.34	1.4	2.2		pCi/L	Y	—	NQ	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.63	1.2	2.4		pCi/L	Y	—	NQ	10-13	CAWR-09-12484	GELC
Spring 1	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.84	1.31	3.08		pCi/L	Y	—	J	194451	GU070900G1SW01	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.59	0.736	2.13		pCi/L	Y	—	NQ	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.13	1	2.9		pCi/L	Y	—	NQ	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.3	1.7	2.8		pCi/L	Y	—	NQ	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.21	1.1	2.8		pCi/L	Y	—	NQ	10-13	CAWR-09-12484	GELC
Spring 1	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.33	1.44	3.68		pCi/L	Y	—	J	194451	GU070900G1SW01	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.5	—	—	0.45	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.4	—	—	0.35	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.35	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	0.35	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.886	—	—	0.11	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.986	—	—	0.11	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.992	—	—	0.085	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1	—	—	0.085	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.947	—	—	0.085	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.68	—	—	0.165	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.55	—	—	0.17	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.29	—	—	0.1	µg/L	Y	—	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.45	—	—	0.1	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.5	—	—	0.1	µg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.68	2.77	9.16		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.74	2.6	9.6		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.62	2.9	9.1		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.39	12	40		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-19.9	9.3	27		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.38	—	—	0.017	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.369	—	—	0.05	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.381	—	—	0.05	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.413	—	—	0.05	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.402	—	—	0.05	mg/L	Y	—	U	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.282	—	—	0.05	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.338	—	—	0.05	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.324	—	—	0.05	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.311	—	—	0.05	µg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00976	0.00728	0.037		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0035	0.043		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00169	0.0017	0.019		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00187	0.0027	0.031		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00282	0.004	0.043		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00325	0.00861	0.044		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00246	0.0035	0.042		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00844	0.0041	0.033		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00187	0.0032	0.03		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0141	0.0064	0.049		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.09	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.1	—	—	0.05	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.11	—	—	0.05	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.2	15.2	54.9		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.1	20	81		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17	17	62		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.6	17	57		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.17	17	61		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	34.6	—	—	0.053	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	32.3	—	—	0.053	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	32.5	—	—	0.053	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	32.5	—	—	0.053	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	32.1	—	—	0.032	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.8	—	—	0.1	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.3	—	—	0.1	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.7	—	—	0.1	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	31.3	—	—	0.1	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.9	—	—	0.045	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.698	1.2	4.48		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.27	1.3	5.6		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.398	1.6	5.2		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.545	1.4	4.8		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.5	1.5	4.6		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	1	µS/cm	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	1	µS/cm	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	216	—	—	1	µS/cm	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	1	µS/cm	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	200	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	197	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	199	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	197	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	193	—	—	1	µg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.159	0.106	0.481		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.255	0.15	0.49		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0621	0.13	0.48		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.019	0.093	0.31		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.201	0.12	0.38		pCi/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.54	—	—	0.133	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.22	—	—	0.1	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.73	—	—	0.1	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.45	—	—	0.1	mg/L	Y	—	J	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.68	—	—	0.1	mg/L	Y	—	J	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	2.4	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	2.4	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	2.4	mg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0352	—	—	0.035	mg/L	Y	J	J	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-72	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-4766	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.914	—	—	0.33	mg/L	Y	J	J	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.547	—	—	0.33	mg/L	Y	J	U	12-72	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.58	—	—	0.33	mg/L	Y	J	J	10-4766	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.885	—	—	0.33	mg/L	Y	J	J	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.883	—	—	0.33	mg/L	Y	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.825	0.688	2.245		pCi/L	Y	U	U	2013-8	CAWR-12-23436	ARSL
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.89	0.68	2.32		pCi/L	Y	U	U	12-75	CAWR-11-27999	ARSL
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.4776	0.7728	1.771		pCi/L	N	—	R	11-28	CAWR-10-25418	ARSL
Spring 1	—	09/27/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.8336	0.7406	1.771		pCi/L	Y	—	NQ	11-28	CAWR-10-25418	ARSL
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.0966	0.2898	0.2898		pCi/L	Y	U	U	10-20	CAWR-09-12484	UMTL
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.0644	0.2898	0.2898		pCi/L	Y	U	U	09-9	CAWR-08-15472	UMTL
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.06	—	—	0.067	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.16	—	—	0.067	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.39	—	—	0.05	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.24	—	—	0.05	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.2	—	—	0.05	µg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.42	0.0848	0.0801		pCi/L	Y	—	NQ	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.23	0.11	0.063		pCi/L	Y	—	NQ	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.44	0.13	0.072		pCi/L	Y	—	NQ	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.36	0.12	0.098		pCi/L	Y	—	NQ	10-13	CAWR-09-12484	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.44	0.11	0.099		pCi/L	Y	—	NQ	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0113	0.0159	0.0581		pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0327	0.016	0.046		pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0368	0.018	0.055		pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0308	0.011	0.05		pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.059	0.015	0.051		pCi/L	Y	—	NQ	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.806	0.0609	0.0545		pCi/L	Y	—	NQ	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.6	0.066	0.074		pCi/L	Y	—	NQ	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.642	0.072	0.043		pCi/L	Y	—	NQ	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.64	0.063	0.06		pCi/L	Y	—	NQ	10-13	CAWR-09-12484	GELC
Spring 1	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.699	0.061	0.055		pCi/L	Y	—	NQ	08-2041	CAWR-08-15472	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	16	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17.1	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	16.4	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	16.5	—	—	1	µg/L	Y	—	NQ	08-2041	CAWR-08-15469	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	J-	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	J-	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	J-	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	J-	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	121	—	—	0.725	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	119	—	—	0.73	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	123	—	—	0.73	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	133	—	—	0.73	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	132	—	—	0.73	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00996	0.00743	0.0453		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00206	0.0062	0.034		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0033	0.005	0.034		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.02	0.007	0.034		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0086	0.0089	0.04		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.112	—	—	0.017	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0677	—	—	0.016	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.058	—	—	0.016	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.018	—	—	0.016	mg/L	Y	J	J-	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	UJ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	10.7	—	—	1.7	µg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	8.52	—	—	1.7	µg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	7.7	—	—	1.5	µg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	13.2	—	—	1.5	µg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	8.8	—	—	1.5	µg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	34.7	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	35.4	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27.1	—	—	1	µg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	50.2	—	—	15	µg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	44.9	—	—	15	µg/L	Y	J	J	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	48.8	—	—	15	µg/L	Y	J	J	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	44.1	—	—	15	µg/L	Y	J	J	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	48.1	—	—	10	µg/L	Y	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.9	—	—	0.05	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.9	—	—	0.05	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.3	—	—	0.03	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.828	1.54	5.47		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.35	1.4	5.5		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.37	1.5	5.4		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0913	1.3	4.1		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.973	1.3	3.9		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.66	—	—	0.067	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.91	—	—	0.066	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.94	—	—	0.066	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.92	—	—	0.066	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.88	—	—	0.066	mg/L	Y	—	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.07	1.62	6.49		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.08	1.6	5.9		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.309	1.4	4.7		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.03	1.3	3.6		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.55	1.4	4.9		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.461	—	—	0.033	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.526	—	—	0.033	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.534	—	—	0.033	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.734	—	—	0.033	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.675	—	—	0.033	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.07	0.94	2.63		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.98	1	2.2		pCi/L	Y	—	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.35	1.9	2.8		pCi/L	Y	—	NQ	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.839	0.72	2.6		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.35	1.9	2.8		pCi/L	Y	—	NQ	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.839	0.72	2.6		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.03	0.958	2.62		pCi/L	Y	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	09/24/07	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.72	1.1	2.82		pCi/L	Y	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.05	0.697	2.29		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.44	1	2.3		pCi/L	Y	—	NQ	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.75	1.4	2.3		pCi/L	Y	—	NQ	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.53	0.81	2		pCi/L	Y	—	NQ	10-13	CAWR-09-12490	GELC
Spring 2	—	09/24/07	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	8.51	1.7	3.89		pCi/L	Y	—	J	194451	GU070900G2SW20	GELC
Spring 2	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	15.4	2.22	3.95		pCi/L	Y	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.3	—	—	0.45	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.5	—	—	0.35	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.8	—	—	0.35	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.6	—	—	0.35	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	60.8	—	—	30	µg/L	Y	J	J	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	60.8	—	—	30	µg/L	Y	J	J	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	78.2	—	—	30	µg/L	Y	J	J	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	38.5	—	—	30	µg/L	Y	J	J	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	26.6	—	—	25	µg/L	Y	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.905	—	—	0.11	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.25	—	—	0.11	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.06	—	—	0.085	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.982	—	—	0.085	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.981	—	—	0.085	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	203	—	—	2	µg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	112	—	—	2	µg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	51.3	—	—	2	µg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	10.1	—	—	2	µg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	08-2041	CAWR-08-15473	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.67	—	—	0.165	µg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.51	—	—	0.17	µg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.54	—	—	0.1	µg/L	Y	—	J	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.65	—	—	0.1	µg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.6	—	—	0.1	µg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.16	3.34	11.2		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.613	3.2	11		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.772	2.9	9.4		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.87	10	33		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-19.7	11	31		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.566	—	—	0.5	µg/L	Y	J	J	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.777	—	—	0.5	µg/L	Y	J	J	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.65	—	—	0.5	µg/L	Y	J	J	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.724	—	—	0.5	µg/L	Y	J	J	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.74	—	—	0.5	µg/L	Y	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00785	0.00961	0.0447		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0019	0.033		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00535	0.0046	0.03		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00171	0.0017	0.029		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0248	0.013	0.042		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0118	0.0118	0.053		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00568	0.0033	0.032		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0107	0.0076	0.052		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00171	0.0017	0.028		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0039	0.047		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.12	—	—	0.05	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.94	—	—	0.05	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.15	19	76.8		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.06	17	70		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.47	21	70		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-43.9	17	48		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-31.7	18	52		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	37.9	—	—	0.053	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	34.1	—	—	0.053	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	34.7	—	—	0.053	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	34	—	—	0.053	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	35.2	—	—	0.032	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	38.4	—	—	0.1	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	37.6	—	—	0.1	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	38.5	—	—	0.1	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	43.5	—	—	0.1	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	42	—	—	0.045	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.48	1.23	4.28		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.59	1.4	6		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.28	1.4	4.6		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.11	1.1	4		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.08	1.6	4.7		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	245	—	—	1	µS/cm	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	259	—	—	1	µS/cm	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	268	—	—	1	µS/cm	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	10-13	CAWR-09-12488	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	273	—	—	1	µS/cm	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	188	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	204	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	195	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	184	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	184	—	—	1	µg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0215	0.129	0.489		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.171	0.15	0.49		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.27	0.15	0.48		pCi/L	Y	U	U	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0766	0.083	0.29		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0587	0.1	0.36		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.92	—	—	0.133	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.28	—	—	0.1	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.13	—	—	0.1	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.05	—	—	0.1	mg/L	Y	—	J	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.01	—	—	0.1	mg/L	Y	—	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.42	—	—	0.3	µg/L	Y	J	J	12-1566	CAWR-12-23393	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.25	µg/L	Y	U	U	12-72	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.25	µg/L	Y	U	U	10-4766	CAWR-10-25423	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.25	µg/L	Y	U	U	10-13	CAWR-09-12489	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.25	µg/L	Y	UH	UJ	08-2041	CAWR-08-15476	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	172	—	—	2.4	mg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	172	—	—	2.4	mg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	2.4	mg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.373	—	—	0.035	mg/L	Y	—	NQ	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-72	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.416	—	—	0.033	mg/L	Y	—	J-	10-4766	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.119	—	—	0.033	mg/L	Y	—	J+	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.36	—	—	0.33	mg/L	Y	—	NQ	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.78	—	—	0.33	mg/L	Y	—	U	12-72	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3	—	—	0.66	mg/L	Y	—	NQ	10-4766	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.81	—	—	0.33	mg/L	Y	—	NQ	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.22	—	—	0.33	mg/L	Y	—	NQ	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.189	0.671	2.266		pCi/L	Y	U	U	2013-8	CAWR-12-23437	ARSL
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.57	0.62	2.12		pCi/L	Y	U	U	12-75	CAWR-11-28002	ARSL
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.2808	1.1914	2.737		pCi/L	N	—	R	11-28	CAWR-10-25422	ARSL
Spring 2	—	09/27/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	3.864	1.0626	2.737		pCi/L	Y	—	U	11-28	CAWR-10-25422	ARSL
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.644	0.2898	0.2898		pCi/L	Y	—	U	10-20	CAWR-09-12490	UMTL
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.6762	0.2898	0.2898		pCi/L	Y	—	U	09-9	CAWR-08-15475	UMTL
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.1	—	—	0.067	µg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.61	—	—	0.067	µg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.68	—	—	0.05	µg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.59	—	—	0.05	µg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.5	—	—	0.05	µg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.745	0.0547	0.0659		pCi/L	Y	—	NQ	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.897	0.094	0.076		pCi/L	Y	—	J+	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.67	0.14	0.045		pCi/L	Y	—	NQ	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.868	0.08	0.1		pCi/L	Y	—	NQ	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.897	0.091	0.18		pCi/L	Y	—	J+	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0185	0.0131	0.0478		pCi/L	Y	U	U	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0283	0.015	0.056		pCi/L	Y	U	U	12-74	CAWR-11-28002	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0465	0.013	0.035		pCi/L	Y	—	NQ	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0211	0.011	0.052		pCi/L	Y	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0439	0.019	0.093		pCi/L	Y	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.427	0.0404	0.0448		pCi/L	Y	—	NQ	12-1573	CAWR-12-23437	GELC
Spring 2	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.526	0.065	0.089		pCi/L	Y	—	J+	12-74	CAWR-11-28002	GELC
Spring 2	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.929	0.083	0.027		pCi/L	Y	—	NQ	10-4767	CAWR-10-25422	GELC
Spring 2	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.5	0.052	0.062		pCi/L	Y	—	NQ	10-13	CAWR-09-12490	GELC
Spring 2	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.522	0.062	0.099		pCi/L	Y	—	J+	08-2041	CAWR-08-15475	GELC
Spring 2	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.45	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23465	GELC
Spring 2	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.2	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28003	GELC
Spring 2	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.47	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25424	GELC
Spring 2	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.97	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12488	GELC
Spring 2	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.7	—	—	1	µg/L	Y	—	NQ	08-2041	CAWR-08-15473	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	J-	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J-	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	J-	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82	—	—	0.725	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.6	—	—	0.725	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	—	0.73	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	—	0.73	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.6	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.2	—	—	0.73	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00556	0.0049	0.0253		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00698	0.00616	0.0317		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00021	0.0015	0.03		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000641	0.0018	0.031		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0104	0.0041	0.025		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000468	0.00285	0.0395		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0351	—	—	0.017	mg/L	Y	J	J	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	4.25	—	—	1.7	µg/L	Y	J	J	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.97	—	—	1.7	µg/L	Y	J	J	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.54	—	—	1.5	µg/L	Y	J	J	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.22	—	—	1.5	µg/L	Y	J	J	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.1	—	—	1.5	µg/L	Y	J	J	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	44.7	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	43.7	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	44.1	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40.3	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	44.8	—	—	1	µg/L	Y	E	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	45.1	—	—	1	µg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	24.5	—	—	15	µg/L	Y	J	J	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.5	—	—	15	µg/L	Y	J	J	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.1	—	—	15	µg/L	Y	J	J	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-20	CAWR-08-15481	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	25.4	—	—	10	µg/L	Y	J	U	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.4	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.5	—	—	0.03	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.949	1.56	5.67		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.82	1.7	6.58		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.594	1.8	5.7		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.42	1.3	4.6		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.288	1.4	4.3		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0999	0.791	1.97		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5	—	—	0.067	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.98	—	—	0.067	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.88	—	—	0.066	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.56	—	—	0.066	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.73	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.01	—	—	0.066	mg/L	Y	—	J	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.57	—	—	2	µg/L	Y	J	J	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.26	—	—	2	µg/L	Y	J	J	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.23	—	—	2.5	µg/L	Y	J	J	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.89	—	—	2.5	µg/L	Y	J	J	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.7	—	—	2.5	µg/L	Y	J	J	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.119	1.35	5.13		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.356	1.63	6.36		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.123	1.1	3.7		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.672	1.4	4.5		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.731	1.2	4.3		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.276	0.576	1.85		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.35	—	—	0.033	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.35	—	—	0.033	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	—	0.033	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.543	—	—	0.033	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.452	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	—	0.033	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.75	0.751	1.88		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.799	0.59	2.01		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.25	0.76	2.3		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.58	0.84	3.2		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.41	1.18	2.94		pCi/L	Y	—	J	194647	GU070900G3SW02	GELC
Spring 3	—	09/18/06	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.61	0.82	2.45		pCi/L	Y	U	U	172500	GU060900G3SW01	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.31	0.566	1.57		pCi/L	Y	—	NQ	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.06	1.02	2.85		pCi/L	Y	—	NQ	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.1	0.87	2.9		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.48	0.79	2.1		pCi/L	Y	—	NQ	10-56	CAWR-09-12496	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.78	0.969	2.81		pCi/L	Y	—	J	194647	GU070900G3SW02	GELC
Spring 3	—	09/18/06	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.32	1.58	4.82		pCi/L	Y	—	J	172500	GU060900G3SW01	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66	—	—	0.453	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.9	—	—	0.453	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.9	—	—	0.35	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.9	—	—	0.35	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.5	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.1	—	—	0.43	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.9	—	—	0.11	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.91	—	—	0.11	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.99	—	—	0.085	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.87	—	—	0.085	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.19	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.07	—	—	0.085	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	0.165	µg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.165	µg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.29	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.1	µg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.1	µg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.2	—	—	0.1	µg/L	Y	—	U	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.99	2.78	10.3		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.53	3.45	11.3		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.482	2.4	8		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.21	12	36		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-7.14	11	34		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.45	4.35	14.6		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.792	—	—	0.5	µg/L	Y	J	J	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.802	—	—	0.5	µg/L	Y	J	J	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.56	—	—	0.5	µg/L	Y	J	J	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.529	—	—	0.5	µg/L	Y	J	J	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.67	—	—	0.5	µg/L	Y	J	J	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.28	—	—	0.085	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.28	—	—	0.085	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	—	0.05	mg/L	Y	—	J	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.31	—	—	0.05	mg/L	Y	—	J	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	—	0.05	µg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.413	—	—	0.05	µg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.465	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.448	—	—	0.05	µg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.482	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.44	—	—	0.05	µg/L	Y	—	J	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00882	0.0054	0.0251		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00446	0.00772	0.0254		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.015	0.0092	0.021		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0016	0.026		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00456	0.0046	0.035		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00183	0.00549	0.0292		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00441	0.00624	0.0298		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00223	0.00589	0.0301		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00188	0.0042	0.037		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00157	0.0016	0.025		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00683	0.004	0.039		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00365	0.00517	0.0345		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.89	—	—	0.05	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.98	—	—	0.05	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.09	—	—	0.05	mg/L	Y	E	J	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.88	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.22	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.91	—	—	0.05	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.479	19.8	75.4		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	3.45	22.3	83.8		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.7	17	53		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.13	17	61		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.1	20	61		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.76	14.2	18.2		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	48	—	—	0.053	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	49.3	—	—	0.053	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.4	—	—	0.053	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.2	—	—	0.053	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	51.3	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	49	—	—	0.032	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.6	—	—	0.1	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.5	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.6	—	—	0.045	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0773	1.3	4.86		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.147	1.79	6.7		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.809	1.5	4.7		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.41	1.4	4.1		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.613	1.2	3.7		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.495	0.555	1.75		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209	—	—	1	µS/cm	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	1	µS/cm	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	238	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	232	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	243	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	220	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	256	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	236	—	—	1	µg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0454	0.112	0.446		pCi/L	Y	U	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.298	0.123	0.48		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0567	0.14	0.49		pCi/L	Y	U	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.279	0.15	0.5		pCi/L	Y	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0134	0.11	0.42		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.169	0.123	0.411		pCi/L	Y	U	U	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.35	—	—	0.133	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.42	—	—	0.133	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.14	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.61	—	—	0.1	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.92	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.06	—	—	0.1	mg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	2.4	mg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	2.4	mg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3	—	04/23/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	2.4	mg/L	Y	—	J	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0666	—	—	0.035	mg/L	Y	J	J	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.035	—	—	0.035	mg/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-4824	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-54	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	UJ	09-19	CAWR-08-15484	GELC
Spring 3	—	04/23/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.059	—	—	0.029	mg/L	Y	J	J	08-1048	CAWR-08-12093	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.81	—	—	0.33	mg/L	Y	J	J	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.658	—	—	0.33	mg/L	Y	J	J	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.428	—	—	0.33	mg/L	Y	J	J	10-4824	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.652	—	—	0.33	mg/L	Y	J	J	10-54	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.706	—	—	0.33	mg/L	Y	J	J	09-19	CAWR-08-15484	GELC
Spring 3	—	04/23/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.528	—	—	0.33	mg/L	Y	J	J	08-1048	CAWR-08-12093	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.89	—	—	0.067	µg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.92	—	—	0.067	µg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.95	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.81	—	—	0.05	µg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.8	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.9	—	—	0.05	µg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.09	0.056	0.0475		pCi/L	Y	—	NQ	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.03	0.0525	0.0439		pCi/L	Y	—	NQ	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.07	0.092	0.043		pCi/L	Y	—	NQ	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.1	0.092	0.077		pCi/L	Y	—	NQ	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.919	0.075	0.092		pCi/L	Y	—	NQ	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.1	0.0786	0.0416		pCi/L	Y	—	—	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0367	0.0129	0.0345		pCi/L	Y	—	U	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0216	0.0102	0.0319		pCi/L	Y	U	U	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0374	0.013	0.033		pCi/L	Y	—	U	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0838	0.017	0.04		pCi/L	Y	—	NQ	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0194	0.014	0.048		pCi/L	Y	U	U	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0342	0.00961	0.0323		pCi/L	Y	—	J	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.639	0.0406	0.0299		pCi/L	Y	—	NQ	12-1575	CAWR-12-23404	GELC
Spring 3	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.643	0.0424	0.0323		pCi/L	Y	—	NQ	12-1575	CAWR-12-23438	GELC
Spring 3	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.567	0.055	0.026		pCi/L	Y	—	NQ	10-4826	CAWR-10-25426	GELC
Spring 3	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.649	0.06	0.047		pCi/L	Y	—	NQ	10-56	CAWR-09-12496	GELC
Spring 3	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.602	0.054	0.051		pCi/L	Y	—	NQ	09-21	CAWR-08-15484	GELC
Spring 3	—	09/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.553	0.0457	0.0365		pCi/L	Y	—	—	194647	GU070900G3SW02	GELC
Spring 3	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.1	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.2	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25428	GELC
Spring 3	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12497	GELC
Spring 3	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	15.6	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15481	GELC
Spring 3	—	04/23/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	16.3	—	—	1	µg/L	Y	—	NQ	08-1048	CAWR-08-12095	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	J-	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J-	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	J-	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J-	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.5	—	—	0.725	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.3	—	—	0.73	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.1	—	—	0.73	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.1	—	—	0.73	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.8	—	—	0.73	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.4	—	—	0.73	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.1	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.5	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00233	0.00404	0.0318		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00536	0.004	0.029		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00835	0.0038	0.033		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0033	0.0026	0.03		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00255	0.0021	0.032		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0112	0.0055	0.038		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00765	0.0042	0.022		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0086	0.0046	0.025		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.207	—	—	0.017	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0547	—	—	0.016	mg/L	Y	—	J+	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.023	—	—	0.016	mg/L	Y	J	J-	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	—	1.7	µg/L	Y	J	J	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.2	—	—	1.7	µg/L	Y	J	J	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.97	—	—	1.5	µg/L	Y	J	J	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	1.8	—	—	1.5	µg/L	Y	J	J	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	33.7	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	33.8	—	—	1	µg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	32.9	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	32.7	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.8	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	31	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	32.5	—	—	1	µg/L	Y	E	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	33.6	—	—	1	µg/L	Y	E	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.1	—	—	15	µg/L	Y	J	J	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.4	—	—	15	µg/L	Y	J	J	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.8	—	—	15	µg/L	Y	J	J	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	20.9	—	—	15	µg/L	Y	J	J	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.4	—	—	0.05	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.4	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.6	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.1	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.684	1.43	5.18		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.67	1.4	5.2		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	1.3	4.7		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.904	1.5	4.8		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.623	1.5	4.9		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.81	1.9	5.2		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.79	1.5	4.3		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.22	1.2	4.7		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.04	—	—	0.067	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.87	—	—	0.066	mg/L	Y	—	J+	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.85	—	—	0.066	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.86	—	—	0.066	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.91	—	—	0.066	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.91	—	—	0.066	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.97	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.94	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.6	—	—	2	µg/L	Y	J	J	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.49	—	—	2.5	µg/L	N	J	R	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	RE	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.85	—	—	2.5	µg/L	Y	J	J	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.99	—	—	2.5	µg/L	N	J	R	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.84	—	—	2.5	µg/L	Y	J	J	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.73	—	—	2.5	µg/L	Y	J	J	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.55	—	—	2.5	µg/L	Y	J	J	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.6	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.4	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.4	1.28	5.24		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.56	1.6	5.7		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.39	1.5	4.2		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.6	5.8		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.23	1.6	5.9		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.28	1.5	5.3		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.736	1.4	4.9		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.195	1.4	4.5		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.33	—	—	0.033	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	—	0.033	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.36	—	—	0.033	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.557	—	—	0.033	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.563	—	—	0.033	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.456	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.445	0.634	2.33		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.268	0.61	2.5		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.9	1.2	2.5		pCi/L	Y	—	NQ	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.11	0.81	2.7		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.37	0.72	2.2		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.26	0.88	2.4		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.04	1.06	2.35		pCi/L	Y	—	J	194647	GU070900GA3S02	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.65	0.96	2.96		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.41	0.94	2		pCi/L	Y	—	NQ	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.15	0.85	2.5		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.83	0.78	2.1		pCi/L	Y	—	NQ	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.81	1.1	2.6		pCi/L	Y	—	NQ	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.46	1	2.7		pCi/L	Y	—	NQ	10-43	CAWR-09-12501	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.82	0.825	2.22		pCi/L	Y	—	J	194647	GU070900GA3S02	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.7	—	—	0.453	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.5	—	—	0.45	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.35	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61	—	—	0.35	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59	—	—	0.35	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.6	—	—	0.35	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.9	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.76	—	—	0.11	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2	—	—	0.11	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.8	—	—	0.085	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.83	—	—	0.085	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.79	—	—	0.085	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.8	—	—	0.085	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.92	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.95	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.17	µg/L	Y	—	J	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.1	µg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.1	µg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.13	2.73	9.45		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.02	3.3	11		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.15	2.9	10		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.58	2.4	7.8		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.12	12	41		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	22	13	42		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	13.8	9	29		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.2	8.9	30		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	—	0.085	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.03	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	—	—	0.05	mg/L	Y	—	J	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.03	—	—	0.05	mg/L	Y	—	J	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.43	—	—	0.05	µg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.462	—	—	0.05	µg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.466	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.486	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.435	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.459	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.487	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.475	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00257	0.00445	0.0293		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00429	0.0074	0.037		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0039	0.022		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00226	0.0039	0.026		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0017	0.0024	0.028		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0017	0.029		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00286	0.016	0.043		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0312	0.017	0.036		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0103	0.00813	0.0348		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00859	0.0053	0.036		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0038	0.038		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00453	0.0032	0.044		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00174	0.0025	0.028		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0017	0.0017	0.027		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0024	0.0042	0.041		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00857	0.0095	0.049		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.88	—	—	0.05	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.16	—	—	0.05	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.04	—	—	0.05	mg/L	Y	E	J	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.01	—	—	0.05	mg/L	Y	E	J	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.93	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.76	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.02	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.1	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.27	15.5	59.6		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.95	18	68		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-2.87	16	56		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.7	16	50		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.354	20	69		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-10.1	19	68		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.8	19	62		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	17	16	62		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	51.9	—	—	0.053	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	50.7	—	—	0.053	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	48.5	—	—	0.053	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	48.2	—	—	0.053	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.4	—	—	0.053	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.2	—	—	0.053	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	51.4	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	51.5	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.7	—	—	0.1	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.3	—	—	0.1	mg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.1	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.5	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.1	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.5	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.018	1.19	4.52		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.669	1.5	4.7		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.143	1.2	4.1		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.726	1.5	5.3		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.821	1.4	5		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.02	1.5	5.3		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.26	1.1	4.2		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.188	1.5	4.9		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µS/cm	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	10-4825	CAWR-10-25441	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	235	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	245	—	—	1	µg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	234	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	233	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	227	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	236	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	237	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	243	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0168	0.128	0.479		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00529	0.14	0.49		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.000393	0.14	0.5		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0748	0.14	0.49		pCi/L	Y	U	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00487	0.11	0.43		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.196	0.077	0.27		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0451	0.11	0.39		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0363	0.14	0.52		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.51	—	—	0.133	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.15	—	—	0.1	mg/L	Y	—	J+	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.26	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.2	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.16	—	—	0.1	mg/L	Y	—	J	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.19	—	—	0.1	mg/L	Y	—	J	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.15	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.43	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	2.4	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	2.4	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	2.4	mg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	2.4	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	145	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.885	—	—	0.33	mg/L	Y	J	J	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.637	—	—	0.33	mg/L	Y	J	J	12-15	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.417	—	—	0.33	mg/L	Y	J	J	10-4824	CAWR-10-25438	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.38	—	—	0.33	mg/L	Y	J	J	10-4824	CAWR-10-25442	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	10-41	CAWR-09-12507	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	10-41	CAWR-09-12501	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.808	—	—	0.33	mg/L	Y	J	J	09-19	CAWR-08-15493	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.818	—	—	0.33	mg/L	Y	J	J	09-19	CAWR-08-15491	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.46	—	—	0.067	µg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.66	—	—	0.067	µg/L	Y	—	J+	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.5	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.42	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.43	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.4	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.4	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.663	0.0457	0.0492		pCi/L	Y	—	NQ	12-1571	CAWR-12-23439	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.81	0.074	0.044		pCi/L	Y	—	NQ	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.857	0.078	0.046		pCi/L	Y	—	NQ	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.72	0.067	0.044		pCi/L	Y	—	NQ	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.824	0.076	0.1		pCi/L	Y	—	NQ	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.905	0.083	0.1		pCi/L	Y	—	NQ	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.724	0.059	0.08		pCi/L	Y	—	NQ	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.904	0.13	0.51		pCi/L	Y	—	NQ	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0138	0.00848	0.0357		pCi/L	Y	U	U	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0161	0.012	0.032		pCi/L	Y	U	U	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.03	0.013	0.035		pCi/L	Y	U	U	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0351	0.012	0.034		pCi/L	Y	—	U	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.012	0.053		pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0317	0.012	0.052		pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0252	0.01	0.041		pCi/L	Y	U	U	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0541	0.031	0.27		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.367	0.0335	0.0335		pCi/L	Y	—	NQ	12-1571	CAWR-12-23439	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.438	0.046	0.051		pCi/L	Y	—	NQ	12-17	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.517	0.053	0.028		pCi/L	Y	—	NQ	10-4826	CAWR-10-25438	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.491	0.05	0.026		pCi/L	Y	—	NQ	10-4826	CAWR-10-25442	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.501	0.053	0.063		pCi/L	Y	—	NQ	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.496	0.052	0.062		pCi/L	Y	—	NQ	10-43	CAWR-09-12507	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.248	0.077	0.28		pCi/L	Y	U	U	09-21	CAWR-08-15493	GELC
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.457	0.042	0.044		pCi/L	Y	—	NQ	09-21	CAWR-08-15491	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.8	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.6	—	—	1	µg/L	Y	—	NQ	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.4	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.1	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.5	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.7	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12505	GELC
Spring 3A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.7	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15492	GELC
Spring 3A	—	09/29/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15494	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	J-	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J-	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	J-	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.4	—	—	0.725	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	—	0.73	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.9	—	—	0.73	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	—	0.73	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.4	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	1.08E-09	0.00609	0.0294		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00855	0.0053	0.035		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00164	0.0029	0.032		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00091	0.002	0.035		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00333	0.0048	0.023		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0406	—	—	0.017	mg/L	Y	J	J-	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.018	—	—	0.016	mg/L	Y	J	J+	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.026	—	—	0.016	mg/L	Y	J	J-	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.25	—	—	1.7	µg/L	Y	J	J	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4825	CAWR-10-25446	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.4	—	—	1.5	µg/L	Y	J	J	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.6	—	—	1.5	µg/L	Y	J	J	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.91	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.72	—	—	1	µg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.08	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.16	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.5	—	—	1	µg/L	Y	E	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.4	—	—	15	µg/L	Y	J	J	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23	—	—	15	µg/L	Y	J	J	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.4	—	—	15	µg/L	Y	J	J	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	19.6	—	—	0.05	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.7	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.87	1.35	5.54		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.88	2.2	7.7		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.25	1.4	4.3		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.992	1.2	4.3		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.93	1.9	4		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	—	0.067	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.066	mg/L	Y	—	J+	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.066	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.066	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.45	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.22	—	—	2	µg/L	Y	J	J	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.2	—	—	2.5	µg/L	N	J	R	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/27/10	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.85	—	—	2.5	µg/L	Y	J	J	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.07	—	—	2.5	µg/L	Y	J	J	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.3	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.59	1.25	3.72		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.13	2.1	7.3		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0333	1.3	4.2		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0575	1.2	3.8		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.43	1.3	4		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.352	—	—	0.033	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	—	0.033	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	—	0.033	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.538	—	—	0.033	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.443	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.345	0.483	1.95		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.52	0.98	2.3		pCi/L	Y	—	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.54	0.86	2.6		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.1	1	3		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.457	0.4	2.49		pCi/L	Y	U	U	194647	GU070900GAA301	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.82	0.948	2.84		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.508	0.61	2.2		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.698	0.69	2.4		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.18	1.1	2.7		pCi/L	Y	—	NQ	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.26	0.903	2.83		pCi/L	Y	U	U	194647	GU070900GAA301	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.2	—	—	0.453	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	0.45	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.3	—	—	0.35	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.1	—	—	0.35	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.281	—	—	0.11	mg/L	Y	J	J	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.308	—	—	0.11	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.27	—	—	0.085	mg/L	Y	J	J	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.307	—	—	0.085	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.267	—	—	0.085	mg/L	Y	J	J	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.29	—	—	0.17	µg/L	Y	—	J	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.1	µg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.75	2.71	9.11		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.27	3.5	11		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.88	2.5	8.4		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.25	9.4	30		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	13.8	9.8	33		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.415	—	—	0.017	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.387	—	—	0.05	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.396	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.396	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0636	—	—	0.01	mg/L	Y	—	U	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.407	—	—	0.05	µg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.429	—	—	0.05	µg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.413	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.468	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00534	0.043		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0068	0.034		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00392	0.0039	0.022		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0015	0.0021	0.025		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0194	0.0091	0.037		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0113	0.00844	0.0511		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00393	0.0039	0.033		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0048	0.038		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.003	0.0021	0.024		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0146	0.006	0.042		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.92	—	—	0.05	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.97	—	—	0.05	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.87	—	—	0.05	mg/L	Y	E	J	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.87	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.92	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.34	15.3	60.8		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.3	21	77		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9	15	55		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.93	13	47		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.4	16	50		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	44.6	—	—	0.053	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	43.3	—	—	0.053	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	40.3	—	—	0.053	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	41.3	—	—	0.053	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.5	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18	—	—	0.1	mg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.6	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.8	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.546	1.2	4.72		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.28	2	7.9		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.35	1.3	2.7		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.42	1.4	4.1		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.77	1	2.6		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	1	µS/cm	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	174	—	—	1	µS/cm	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	166	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	167	—	—	1	µg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	157	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	159	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	162	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0881	0.129	0.461		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.131	0.13	0.49		pCi/L	Y	U	U	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.178	0.12	0.38		pCi/L	Y	U	U	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0729	0.085	0.29		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.193	0.13	0.42		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.41	—	—	0.133	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.43	—	—	0.1	mg/L	Y	—	J+	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.1	mg/L	Y	—	J	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.53	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	J	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	125	—	—	2.4	mg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	2.4	mg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.767	—	—	0.33	mg/L	Y	J	J	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.749	—	—	0.33	mg/L	Y	J	J	12-15	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.555	—	—	0.33	mg/L	Y	J	J	10-4824	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	10-41	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.779	—	—	0.33	mg/L	Y	J	J	09-19	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.37	—	—	0.067	µg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.63	—	—	0.067	µg/L	Y	—	J+	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.25	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.15	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.2	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.673	0.0585	0.0799		pCi/L	Y	—	NQ	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.942	0.083	0.042		pCi/L	Y	—	NQ	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.54	0.2	0.043		pCi/L	Y	—	NQ	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.612	0.062	0.099		pCi/L	Y	—	NQ	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.625	0.059	0.11		pCi/L	Y	—	NQ	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00562	0.0186	0.058		pCi/L	Y	U	U	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0503	0.013	0.031		pCi/L	Y	—	NQ	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0966	0.019	0.033		pCi/L	Y	—	NQ	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0173	0.012	0.051		pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.012	0.009	0.059		pCi/L	Y	U	U	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	0.0479	0.0544		pCi/L	Y	—	NQ	12-1572	CAWR-12-23440	GELC
Spring 3AA	—	10/03/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.554	0.055	0.05		pCi/L	Y	—	NQ	12-17	CAWR-11-28008	GELC
Spring 3AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.45	0.12	0.026		pCi/L	Y	—	NQ	10-4826	CAWR-10-25447	GELC
Spring 3AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.431	0.048	0.061		pCi/L	Y	—	NQ	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.382	0.042	0.063		pCi/L	Y	—	NQ	09-21	CAWR-08-15486	GELC
Spring 3AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	15.1	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	12-16	CAWR-11-28009	GELC
Spring 3AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25446	GELC
Spring 3AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12508	GELC
Spring 3AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	15.4	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15488	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	J-	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.43	—	—	0.01	SU	Y	H	J-	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	J-	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	J-	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.5	—	—	0.725	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.7	—	—	0.73	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.7	—	—	0.73	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.1	—	—	0.73	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	—	0.73	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.7	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00485	0.00485	0.0331		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00688	0.0051	0.038		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00572	0.0051	0.031		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00152	0.0016	0.031		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000468	0.0017	0.03		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00917	0.006	0.034		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.14	—	—	1.7	µg/L	Y	J	J	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.91	—	—	1.7	µg/L	Y	J	J	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.8	—	—	1.6	µg/L	Y	J	J	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.4	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	40.8	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40.6	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Barium	Ba	Y	38.7	—	—	0.52	µg/L	Y	E	NQ	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40.4	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	20.8	—	—	15	µg/L	Y	J	J	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.3	—	—	15	µg/L	Y	J	J	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Boron	B	N	50	—	—	18	µg/L	Y	U	U	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.117	—	—	0.067	mg/L	Y	J	J	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.104	—	—	0.066	mg/L	Y	J	J	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.108	—	—	0.066	mg/L	Y	J	J	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.129	—	—	0.066	mg/L	Y	J	J	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.096	—	—	0.067	mg/L	Y	J	J	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Calcium	Ca	Y	21.5	—	—	0.0487	mg/L	Y	NE	J+	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.55	1.53	4.99		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.393	1.3	4.5		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.56	1.5	5.3		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.499	1.3	4.5		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.259	1.2	4		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.74	1.4	5.4		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.66	—	—	0.067	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.7	—	—	0.066	mg/L	Y	—	J+	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.7	—	—	0.066	mg/L	Y	—	J+	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.46	—	—	0.066	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.5	—	—	0.066	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.47	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.66	—	—	2	µg/L	Y	J	J	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.82	—	—	2	µg/L	Y	J	J	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.43	—	—	2	µg/L	Y	J	J	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.07	—	—	2.5	µg/L	N	J	R	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/27/10	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	3.3	µg/L	Y	U	U	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.47	—	—	2.5	µg/L	Y	J	J	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0302	1.53	5.82		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.98	1.8	6.6		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.2	1.3	5.1		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.78	1.2	3.2		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.309	1.3	4.1		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.593	1.6	5.4		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.033	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.438	—	—	0.033	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.44	—	—	0.033	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.399	—	—	0.033	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.632	—	—	0.033	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.511	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.183	0.508	2.19		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.567	0.53	2		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.36	0.81	2.4		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.2	0.77	2.4		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.554	0.64	2.4		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.13	0.908	2.43		pCi/L	Y	U	U	194647	GU070900G4SW01	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.45	0.78	2.27		pCi/L	Y	—	NQ	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.29	0.86	2.5		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-0.211	0.59	2.3		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.31	0.84	2.4		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.49	0.91	2.6		pCi/L	Y	—	NQ	10-43	CAWR-09-12520	GELC
Spring 4	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.32	0.814	2.65		pCi/L	Y	U	U	194647	GU070900G4SW01	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.6	—	—	0.453	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.5	—	—	0.45	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.2	—	—	0.45	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.2	—	—	0.35	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:130.2	Hardness	HARDNESS	Y	68	—	—	1.7	mg/L	Y	—	NQ	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.8	—	—	0.35	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.43	—	—	0.11	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.48	—	—	0.11	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.48	—	—	0.11	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.4	—	—	0.085	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Magnesium	Mg	Y	4.14	—	—	0.0031	mg/L	Y	E	NQ	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.43	—	—	0.085	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.165	µg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.17	µg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.17	µg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	04/21/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.1	µg/L	Y	—	NQ	09-1579	CAWR-09-7936	GELC
Spring 4	—	04/21/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.1	µg/L	Y	—	NQ	09-1579	CAWR-09-7978	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.876	3.44	12		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.942	3.5	11		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.92	3	10		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.77	2.6	8.8		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.709	9.9	33		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.08	11	34		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.748	—	—	0.5	µg/L	Y	J	J	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.504	—	—	0.5	µg/L	Y	J	U	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.515	—	—	0.5	µg/L	Y	J	J	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	5	—	—	0.49	µg/L	Y	U	U	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.589	—	—	0.5	µg/L	Y	J	J	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	—	—	0.085	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.22	—	—	0.05	mg/L	Y	—	J	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.585	—	—	0.05	µg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.606	—	—	0.05	µg/L	Y	—	J+	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.601	—	—	0.05	µg/L	Y	—	J+	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.746	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.622	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.679	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00702	0.00523	0.0266		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.011	0.037		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0089	0.039		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0021	0.024		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0017	0.029		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00431	0.012	0.033		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00234	0.00619	0.0316		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0052	0.036		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0156	0.0074	0.038		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00212	0.0037	0.041		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00346	0.0025	0.028		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0108	0.0078	0.037		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.68	—	—	0.05	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.8	—	—	0.05	mg/L	Y	E	J	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	E	J	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.77	—	—	0.05	mg/L	Y	E	J	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Potassium	K	Y	2.5	—	—	0.0116	mg/L	Y	E	NQ	10-2607	CAWR-10-14103	STSL

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	24.5	20.8	81.4		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	12	19	65		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-39.7	20	56		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.6	15	52		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11	20	68		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.2	19	71		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55.5	—	—	0.053	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.5	—	—	0.053	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	53.9	—	—	0.053	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	51.3	—	—	0.053	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	53.2	—	—	0.053	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.9	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Sodium	Na	Y	12.9	—	—	0.0069	mg/L	Y	—	NQ	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.5	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.21	1.19	5.12		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.504	1.5	5		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.215	1.6	5.1		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.32	1.4	4.8		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.811	1.3	4		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.565	1.3	4.3		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219	—	—	1	µS/cm	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	1	µS/cm	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	1	µS/cm	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	134	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	136	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	135	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	133	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Strontium	Sr	Y	126	—	—	0.31	µg/L	Y	E	NQ	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	133	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.285	0.119	0.475		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.29	0.13	0.48		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.307	0.13	0.49		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.221	0.12	0.48		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0981	0.098	0.34		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.192	0.12	0.4		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.58	—	—	0.133	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.58	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.54	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.66	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.47	—	—	0.1	mg/L	Y	—	J	10-42	CAWR-09-12518	GELC
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.48	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	2.4	mg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	2.4	mg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15503	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.767	—	—	0.33	mg/L	Y	J	J	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.764	—	—	0.33	mg/L	Y	J	J	12-44	CAWR-11-28014	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.861	—	—	0.33	mg/L	Y	J	J	12-44	CAWR-11-28011	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.622	—	—	0.33	mg/L	Y	J	J	10-4824	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.517	—	—	0.33	mg/L	Y	J	J	10-41	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.84	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.06	—	—	0.067	µg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.859	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.4	—	—	0.21	µg/L	Y	—	NQ	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.867	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.617	0.0523	0.0659		pCi/L	Y	—	NQ	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.608	0.056	0.037		pCi/L	Y	—	NQ	12-46	CAWR-11-28014	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.703	0.075	0.066		pCi/L	Y	—	NQ	12-46	CAWR-11-28011	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.653	0.062	0.042		pCi/L	Y	—	NQ	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.537	0.055	0.1		pCi/L	Y	—	NQ	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.83	0.13	0.54		pCi/L	Y	—	NQ	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0371	0.016	0.0478		pCi/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0221	0.008	0.027		pCi/L	Y	U	U	12-46	CAWR-11-28014	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0069	0.048		pCi/L	Y	U	U	12-46	CAWR-11-28011	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0278	0.0095	0.033		pCi/L	Y	U	U	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00353	0.0061	0.052		pCi/L	Y	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.038	0.038	0.28		pCi/L	Y	U	U	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.382	0.04	0.0448		pCi/L	Y	—	NQ	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.322	0.035	0.044		pCi/L	Y	—	NQ	12-46	CAWR-11-28014	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.401	0.05	0.077		pCi/L	Y	—	NQ	12-46	CAWR-11-28011	GELC
Spring 4	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.402	0.043	0.026		pCi/L	Y	—	NQ	10-4826	CAWR-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.34	0.04	0.062		pCi/L	Y	—	NQ	10-43	CAWR-09-12520	GELC
Spring 4	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.308	0.077	0.3		pCi/L	Y	—	NQ	09-21	CAWR-08-15502	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.66	—	—	1	µg/L	Y	—	NQ	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.74	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.14	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.61	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Vanadium	V	Y	11.2	—	—	3	µg/L	Y	—	NQ	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.13	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12518	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	J-	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J-	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—		SU	Y	—	J-	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	J-	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.4	—	—	0.725	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.9	—	—	0.73	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	100	—	—	0.73	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80	—	—	0.85	mg/L	Y	—	NQ	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.8	—	—	0.73	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00261	0.00453	0.0357		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00742	0.0037	0.03		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00017	0.0022	0.031		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00762	0.0045	0.047		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00639	0.01	0.03		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.174	—	—	0.017	mg/L	Y	—	J-	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	12-28	CAWR-11-28020	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0314	—	—	0.0081	mg/L	Y	J	J-	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	—	1.7	µg/L	Y	J	J	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	44.9	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	42.5	—	—	1	µg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	42.8	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.7	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	43.6	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.2	—	—	15	µg/L	Y	J	J	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.6	—	—	15	µg/L	Y	J	J	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.4	—	—	15	µg/L	Y	J	J	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.3	—	—	15	µg/L	Y	J	J	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.1	—	—	0.03	mg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.181	1.41	5.1		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.11	2	6.5		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.486	1.2	4.1		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.02	1.6	5.2		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.059	1.1	3.8		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.39	—	—	0.067	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.36	—	—	0.066	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.18	—	—	0.066	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6	—	—	0.4	mg/L	Y	—	NQ	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.22	—	—	0.066	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.71	—	—	2	µg/L	Y	J	J	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.43	—	—	2	µg/L	Y	J	J	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.25	—	—	2.5	µg/L	Y	J	J	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.31	—	—	2.5	µg/L	N	J	R	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.63	—	—	2.5	µg/L	Y	J	J	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.4	—	—	1.5	µg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.28	1.58	4.68		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.03	1.1	4.1		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.87	1.3	4.1		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.13	1.3	4.5		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.56	1.5	5.1		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	—	0.033	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.461	—	—	0.033	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.424	—	—	0.033	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.44	—	—	0.01	mg/L	Y	—	NQ	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.685	—	—	0.033	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.01	0.955	2.85		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.35	1.1	2.2		pCi/L	Y	—	NQ	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.458	0.61	2.5		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.553	0.66	2.5		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.08	0.3	0.808		pCi/L	Y	—	J	194647	GU070900GA4S01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.04	0.728	1.87		pCi/L	Y	—	NQ	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.5	0.88	2.5		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.45	0.85	2.4		pCi/L	Y	—	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.15	0.86	2.2		pCi/L	Y	—	NQ	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.19	0.874	2.74		pCi/L	Y	U	U	194647	GU070900GA4S01	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.9	—	—	0.453	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77.8	—	—	0.45	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.3	—	—	0.35	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:130.2	Hardness	HARDNESS	Y	66	—	—	1.7	mg/L	Y	—	NQ	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.4	—	—	0.35	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.18	—	—	0.11	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.75	—	—	0.085	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.74	—	—	0.085	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.25	—	—	0.085	mg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.165	µg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.17	µg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.1	µg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.31	2.74	10.4		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.71	2	6.8		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.934	2.6	8.6		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	11.3	9.7	33		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-7.22	9.5	31		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.5	—	—	0.5	µg/L	Y	J	J	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.733	—	—	0.5	µg/L	Y	J	U	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.18	—	—	0.5	µg/L	Y	J	J	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.569	—	—	0.5	µg/L	Y	J	J	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	—	0.085	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.05	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	04/21/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	—	0.05	mg/L	Y	—	NQ	09-1579	CAWR-09-7943	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.554	—	—	0.05	µg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.559	—	—	0.05	µg/L	Y	—	J+	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.63	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	RE	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.5	—	—	0.02	µg/L	Y	—	NQ	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.585	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00262	0.00455	0.0299		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00329	0.0074	0.029		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00397	0.004	0.023		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0017	0.0024	0.028		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00191	0.0033	0.029		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00525	0.00525	0.0355		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00658	0.004	0.028		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00397	0.0034	0.039		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0017	0.0024	0.028		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0047	0.033		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.21	—	—	0.05	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.29	—	—	0.05	mg/L	Y	E	J	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.12	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.28	—	—	0.05	mg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.06	16.6	66.3		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.4	17	45		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.94	18	64		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	17	55		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.23	15	55		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	04/21/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.6	—	—	0.032	mg/L	Y	—	NQ	09-1579	CAWR-09-7943	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.4	—	—	0.045	mg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.26	1.03	3.43		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.268	1.2	4		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.09	1.4	4.4		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.118	1.2	4		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.25	1.2	3.7		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	203	—	—	0.097	µS/cm	Y	B	NQ	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	104	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0932	0.134	0.488		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.322	0.15	0.48		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.138	0.14	0.48		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0107	0.1	0.35		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.006	0.075	0.3		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.62	—	—	0.133	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.48	—	—	0.1	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.43	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.8	—	—	0.05	mg/L	Y	—	NQ	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.39	—	—	0.1	mg/L	Y	—	J	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	2.4	mg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.2	Total Dissolved Solids	TDS	Y	197	—	—	3.5	mg/L	Y	—	NQ	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	192	—	—	2.4	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.823	—	—	0.33	mg/L	Y	J	J	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.396	—	—	0.33	mg/L	Y	J	J	12-27	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.501	—	—	0.33	mg/L	Y	J	U	10-4824	CAWR-10-25451	GELC
Spring 4A	—	03/24/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:415.1	Total Organic Carbon	TOC	N	1	—	—	0.76	mg/L	Y	U	UJ	10-2606	CAWR-10-14106	STSL
Spring 4A	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	10-41	CAWR-09-12522	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0421	—	—	0.017	mg/L	Y	J	J	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.042	—	—	0.015	mg/L	Y	J	J	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.03	—	—	0.015	mg/L	Y	J	U	10-4825	CAWR-10-25450	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.046	—	—	0.015	mg/L	Y	J	U	10-42	CAWR-09-12523	GELC
Spring 4A	—	04/21/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.016	—	—	0.015	mg/L	Y	J	J	09-1579	CAWR-09-7943	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.2	—	—	0.067	µg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.28	—	—	0.067	µg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.15	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.09	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.1	—	—	0.05	µg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.73	0.0547	0.0618		pCi/L	Y	—	NQ	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.874	0.078	0.041		pCi/L	Y	—	NQ	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.797	0.072	0.042		pCi/L	Y	—	NQ	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.853	0.077	0.094		pCi/L	Y	—	NQ	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.877	0.087	0.16		pCi/L	Y	—	NQ	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00435	0.0144	0.0449		pCi/L	Y	U	U	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0182	0.0097	0.03		pCi/L	Y	U	U	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0217	0.01	0.033		pCi/L	Y	U	U	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.033	0.012	0.048		pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0229	0.016	0.085		pCi/L	Y	U	U	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.397	0.038	0.0421		pCi/L	Y	—	NQ	12-1570	CAWR-12-23442	GELC
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.443	0.046	0.048		pCi/L	Y	—	NQ	12-29	CAWR-11-28018	GELC
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.32	0.036	0.026		pCi/L	Y	—	NQ	10-4826	CAWR-10-25451	GELC
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.381	0.042	0.058		pCi/L	Y	—	NQ	10-43	CAWR-09-12522	GELC
Spring 4A	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.399	0.052	0.09		pCi/L	Y	—	NQ	09-27	CAWR-08-15512	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.14	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.47	—	—	1	µg/L	Y	—	NQ	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.53	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25450	GELC
Spring 4A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.64	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.4	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15515	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.42	—	—	0.01	SU	Y	H	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	J-	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	J-	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—		SU	Y	—	J-	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	J-	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.1	—	—	0.725	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.5	—	—	0.73	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.2	—	—	0.73	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82	—	—	0.85	mg/L	Y	—	NQ	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.6	—	—	0.73	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00888	0.00662	0.0404		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00188	0.0056	0.031		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00676	0.0043	0.034		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000619	0.0017	0.031		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0439	0.014	0.051		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.5	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.7	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.6	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.9	—	—	15	µg/L	Y	J	J	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.2	—	—	15	µg/L	Y	J	J	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.6	—	—	0.03	mg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.491	1.25	4.52		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.87	0.8	2.8		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.508	1.6	5.2		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.627	1.1	3.4		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.16	1.2	4.3		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.25	—	—	0.067	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.08	—	—	0.066	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.95	—	—	0.066	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.6	—	—	0.4	mg/L	Y	—	NQ	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.94	—	—	0.066	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	Y	0.31	—	—	0.3	µg/L	Y	J	J	12-1566	CAWR-12-23399	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	1	—	—	0.3	µg/L	Y	U	U	12-27	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	1	—	—	0.3	µg/L	Y	U	U	10-4795	CAWR-10-25454	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.408	—	—	0.3	µg/L	Y	J	U	10-17	CAWR-09-12526	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	1	—	—	0.3	µg/L	Y	U	UJ	08-2044	CAWR-08-15517	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.16	—	—	2	µg/L	Y	J	J	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.81	—	—	2	µg/L	Y	J	J	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.77	—	—	2.5	µg/L	Y	J	J	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.41	—	—	2.5	µg/L	N	J	R	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.06	—	—	2.5	µg/L	Y	J	J	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.1	—	—	1.5	µg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.03	1.51	6		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.11	1	2.9		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.556	1.8	5.6		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.82	1.2	3.7		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.31	1.4	4.1		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.396	—	—	0.033	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.462	—	—	0.033	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.449	—	—	0.033	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.44	—	—	0.01	mg/L	Y	—	NQ	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.689	—	—	0.033	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.861	0.749	2.68		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.246	0.56	2.4		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.684	0.64	2.4		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.38	1.1	2.9		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.67	0.49	1.65		pCi/L	Y	U	U	194647	GU070900GAA401	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.47	0.932	2.2		pCi/L	Y	—	NQ	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.84	0.88	2.4		pCi/L	Y	—	NQ	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.54	0.87	2.5		pCi/L	Y	—	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.45	1	2.4		pCi/L	Y	—	NQ	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.59	0.818	2.64		pCi/L	Y	U	U	194647	GU070900GAA401	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.8	—	—	0.453	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.8	—	—	0.45	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77.5	—	—	0.35	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:130.2	Hardness	HARDNESS	Y	68	—	—	1.7	mg/L	Y	—	NQ	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.4	—	—	0.35	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.23	—	—	0.11	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.98	—	—	0.11	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.48	—	—	0.085	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.52	—	—	0.085	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.82	—	—	0.085	mg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.17	µg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.1	µg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.23	2.28	7.9		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.17	1.7	5.3		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.14	3	10		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.74	7.4	24		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.32	10	30		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.935	—	—	0.085	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.865	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.865	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	04/21/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.577	—	—	0.05	µg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.629	—	—	0.05	µg/L	Y	—	J+	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.656	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	RE	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.56	—	—	0.02	µg/L	Y	—	NQ	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.602	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00725	0.00725	0.0412		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00569	0.0063	0.033		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0021	0.023		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00314	0.0027	0.026		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00404	0.0057	0.031		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0109	0.0081	0.049		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00404	0.0057	0.031		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0109	0.0081	0.049		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0027	0.032		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00614	0.0046	0.04		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00157	0.0027	0.025		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00606	0.0045	0.035		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.01	—	—	0.05	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.27	—	—	0.05	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.09	—	—	0.05	mg/L	Y	E	J	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.22	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.17	—	—	0.05	mg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.9	16.8	67		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.5	13	39		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.4	20	71		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.69	18	52		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.3	17	51		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.7	—	—	0.053	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	04/21/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.4	—	—	0.032	mg/L	Y	—	NQ	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.1	—	—	0.045	mg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.477	1.54	5.66		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0911	0.86	2.8		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.466	1.4	4.6		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.07	1.2	3.9		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.725	1.5	4.9		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µS/cm	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	—	0.097	µS/cm	Y	B	NQ	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.191	0.145	0.494		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.138	0.14	0.49		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.201	0.15	0.48		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0501	0.086	0.29		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0908	0.11	0.38		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.57	—	—	0.133	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	—	—	0.1	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.25	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.5	—	—	0.05	mg/L	Y	—	NQ	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.14	—	—	0.1	mg/L	Y	—	J	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	2.4	mg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.2	Total Dissolved Solids	TDS	Y	173	—	—	3.5	mg/L	Y	—	NQ	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	2.4	mg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.14	—	—	0.33	mg/L	Y	—	NQ	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.552	—	—	0.33	mg/L	Y	J	J	12-27	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.556	—	—	0.33	mg/L	Y	J	U	10-4824	CAWR-10-25455	GELC
Spring 4AA	—	03/24/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:415.1	Total Organic Carbon	TOC	N	1	—	—	0.76	mg/L	Y	U	UJ	10-2606	CAWR-10-14107	STSL
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.24	—	—	0.33	mg/L	Y	—	NQ	10-41	CAWR-09-12529	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.683	—	—	0.067	µg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.693	—	—	0.067	µg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.762	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.759	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.89	—	—	0.05	µg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.558	0.0422	0.053		pCi/L	Y	—	NQ	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.446	0.045	0.037		pCi/L	Y	—	NQ	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.705	0.066	0.042		pCi/L	Y	—	NQ	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.584	0.057	0.095		pCi/L	Y	—	NQ	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.716	0.086	0.22		pCi/L	Y	—	NQ	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0261	0.0112	0.0385		pCi/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-1.3E-09	0.0066	0.027		pCi/L	Y	U	U	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0185	0.0077	0.033		pCi/L	Y	U	U	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0133	0.0095	0.049		pCi/L	Y	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0233	0.017	0.12		pCi/L	Y	U	U	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.247	0.0279	0.036		pCi/L	Y	—	NQ	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.228	0.028	0.043		pCi/L	Y	—	NQ	12-29	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.389	0.042	0.026		pCi/L	Y	—	NQ	10-4826	CAWR-10-25455	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.269	0.033	0.058		pCi/L	Y	—	NQ	10-43	CAWR-09-12529	GELC
Spring 4AA	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.302	0.051	0.12		pCi/L	Y	—	NQ	09-27	CAWR-08-15516	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.27	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.53	—	—	1	µg/L	Y	—	NQ	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.13	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25453	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.37	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12527	GELC
Spring 4AA	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.9	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15518	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	J-	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J-	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	J-	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.8	—	—	0.725	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.9	—	—	0.73	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.7	—	—	0.73	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.2	—	—	0.73	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00535	0.00535	0.0365		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0029	0.034		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-2.7E-05	0.0016	0.032		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0127	0.0058	0.03		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00504	0.0036	0.024		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0616	—	—	0.017	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.031	—	—	0.016	mg/L	Y	J	J-	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.01	—	—	1.7	µg/L	Y	J	J	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	10	—	—	1.6	µg/L	Y	U	U	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	51.3	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	48.9	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	49.3	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Barium	Ba	Y	41.9	—	—	0.52	µg/L	Y	E	NQ	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	45.7	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.2	—	—	15	µg/L	Y	J	J	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.3	—	—	15	µg/L	Y	J	J	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Boron	B	N	50	—	—	18	µg/L	Y	U	U	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.7	—	—	0.05	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.3	—	—	0.05	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.1	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Calcium	Ca	Y	21.7	—	—	0.0487	mg/L	Y	NE	J+	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	25.6	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.08	1.38	5.47		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.204	1.8	5.9		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.48	1.2	4.5		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.611	1.2	4		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.704	1.1	3.9		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.9	—	—	0.067	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.97	—	—	0.066	mg/L	Y	—	J+	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.57	—	—	0.066	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.77	—	—	0.066	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.61	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.01	1.42	5.74		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.262	1.6	5.3		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.61	1.2	3		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.642	1.5	4.8		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.37	1	2.7		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	—	0.033	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.422	—	—	0.033	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.381	—	—	0.033	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.622	—	—	0.033	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.517	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.15	0.832	2.73		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.86	0.87	2.3		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.509	0.62	2.4		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.96	1.7	3.4		pCi/L	Y	—	NQ	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.678	0.384	1.24		pCi/L	Y	U	U	194647	GU070900GB4S01	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.64	0.729	2.26		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.25	0.73	2.4		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.68	1	2.6		pCi/L	Y	—	NQ	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.78	1.2	2.6		pCi/L	Y	—	NQ	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.34	0.957	2.85		pCi/L	Y	—	J	194647	GU070900GB4S01	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89	—	—	0.453	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88	—	—	0.45	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.8	—	—	0.35	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:130.2	Hardness	HARDNESS	Y	84	—	—	1.7	mg/L	Y	—	NQ	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.9	—	—	0.35	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.45	—	—	0.11	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.42	—	—	0.11	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.47	—	—	0.085	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Magnesium	Mg	Y	5.32	—	—	0.0031	mg/L	Y	E	NQ	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.35	—	—	0.085	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.17	µg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	04/21/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.14	—	—	0.1	µg/L	Y	—	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.857	2.6	9.21		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.358	2.9	9.4		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.63	2.4	8.3		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	11	10	33		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-13	10	29		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.551	—	—	0.5	µg/L	Y	J	J	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.903	—	—	0.5	µg/L	Y	J	J	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	5	—	—	0.49	µg/L	Y	U	U	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.706	—	—	0.5	µg/L	Y	J	J	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.85	—	—	0.085	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	—	—	0.05	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.95	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.81	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.875	—	—	0.05	mg/L	Y	—	J	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.503	—	—	0.05	µg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.534	—	—	0.05	µg/L	Y	—	J+	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.601	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.534	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.563	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00372	0.00645	0.0424		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0041	0.005	0.036		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00207	0.0036	0.024		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00576	0.0058	0.048		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00611	0.0061	0.046		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00745	0.0105	0.0503		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00205	0.0035	0.035		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00207	0.0062	0.04		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0115	0.0081	0.047		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0122	0.0075	0.052		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.7	—	—	0.05	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.74	—	—	0.05	mg/L	Y	E	J	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.83	—	—	0.05	mg/L	Y	E	J	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Potassium	K	Y	2.58	—	—	0.0116	mg/L	Y	E	NQ	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.58	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	28.5	21.5	51.1		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.8	20	59		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.2	15	48		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.9	16	55		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.88	16	53		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.2	—	—	0.053	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.9	—	—	0.053	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.5	—	—	0.053	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	52.8	—	—	0.053	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56.9	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Sodium	Na	Y	13.3	—	—	0.0069	mg/L	Y	—	NQ	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.5	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.19	1.33	4.64		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.292	1.4	4.7		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.56	1.2	3.2		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.46	1.1	4		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.2	1.2	4.2		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238	—	—	1	µS/cm	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224	—	—	1	µS/cm	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238	—	—	1	µS/cm	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	232	—	—	1	µS/cm	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	234	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	163	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	154	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	156	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Strontium	Sr	Y	134	—	—	0.31	µg/L	Y	E	NQ	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	154	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.195	0.107	0.486		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0967	0.14	0.48		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0969	0.14	0.5		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.14	0.47		pCi/L	Y	U	U	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.271	0.11	0.5		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.12	—	—	0.133	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.18	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.08	—	—	0.1	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.13	—	—	0.1	mg/L	Y	—	J	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.08	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15507	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	168	—	—	2.4	mg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/28/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	2.4	mg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 4B	—	09/29/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15507	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0996	—	—	0.035	mg/L	Y	J	J	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	12-44	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-4824	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.125	—	—	0.033	mg/L	Y	—	U	10-45	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.324	—	—	0.029	mg/L	Y	—	J	09-19	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.14	—	—	0.33	mg/L	Y	—	NQ	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.739	—	—	0.33	mg/L	Y	J	J	12-44	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.656	—	—	0.33	mg/L	Y	J	U	10-4824	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.839	—	—	0.33	mg/L	Y	J	J	10-45	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.38	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.41	—	—	0.067	µg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.37	—	—	0.067	µg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.29	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.904	0.0572	0.0604		pCi/L	Y	—	NQ	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.901	0.081	0.045		pCi/L	Y	—	NQ	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.858	0.079	0.048		pCi/L	Y	—	NQ	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.21	0.11	0.11		pCi/L	Y	—	NQ	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.38	0.17	0.47		pCi/L	Y	—	NQ	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0382	0.0141	0.0438		pCi/L	Y	U	U	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0165	0.01	0.033		pCi/L	Y	U	U	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0246	0.011	0.037		pCi/L	Y	U	U	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0599	0.016	0.055		pCi/L	Y	—	NQ	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0166	0.05	0.25		pCi/L	Y	U	U	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.47	0.0405	0.0411		pCi/L	Y	—	NQ	12-1571	CAWR-12-23444	GELC
Spring 4B	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.416	0.046	0.052		pCi/L	Y	—	NQ	12-46	CAWR-11-28025	GELC
Spring 4B	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.473	0.05	0.029		pCi/L	Y	—	NQ	10-4826	CAWR-10-25456	GELC
Spring 4B	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.664	0.065	0.066		pCi/L	Y	—	NQ	10-47	CAWR-09-12531	GELC
Spring 4B	—	09/29/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.59	0.12	0.26		pCi/L	Y	—	NQ	09-21	CAWR-08-15504	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.6	—	—	1	µg/L	Y	—	NQ	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.89	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.97	—	—	1	µg/L	Y	—	NQ	10-4825	CAWR-10-25457	GELC
Spring 4B	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Vanadium	V	Y	8.1	—	—	3	µg/L	Y	J	J	10-2607	CAWR-10-14099	STSL
Spring 4B	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.99	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12530	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	J-	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	J-	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	J-	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.4	—	—	0.725	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72	—	—	0.73	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.6	—	—	0.73	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.8	—	—	0.73	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.3	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00534	0.00534	0.0364		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0052	0.035		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00659	0.0048	0.055		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0185	0.0067	0.04		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00093	0.0026	0.035		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0384	—	—	0.017	mg/L	Y	J	J	12-1574	CAWR-12-23473	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.51	—	—	1.7	µg/L	Y	J	J	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.9	—	—	1.5	µg/L	Y	J	J	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.9	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.4	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27.8	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.7	—	—	15	µg/L	Y	J	J	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.8	—	—	0.05	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.19	1.44	5.3		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.61	1.7	4.9		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.15	1.2	4.3		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.464	1.3	4.1		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.499	1.2	4.1		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.01	—	—	0.067	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.08	—	—	0.066	mg/L	Y	—	J+	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.07	—	—	0.066	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.97	—	—	0.066	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.08	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.53	—	—	2	µg/L	Y	J	J	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.63	—	—	2	µg/L	Y	J	J	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.13	—	—	2.5	µg/L	N	J	R	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/28/10	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.34	—	—	2.5	µg/L	Y	J	J	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.49	—	—	2.5	µg/L	Y	J	J	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.4	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.9	1.27	5.94		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.46	1.6	4.5		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0149	1.1	3.7		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.25	1.4	4		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.1	1.4	3.4		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	—	0.033	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.369	—	—	0.033	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.36	—	—	0.033	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.592	—	—	0.033	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.443	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.3	0.669	1.89		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.31	0.84	2.7		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.478	0.65	2.6		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.47	0.63	2.4		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.176	0.639	2.56		pCi/L	Y	U	U	194659	GU070900G5SW01	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.03	0.916	2.93		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.355	0.74	2.7		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.351	0.7	2.5		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.35	1.3	3.3		pCi/L	Y	—	NQ	10-43	CAWR-09-12512	GELC
Spring 5	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.217	0.756	2.68		pCi/L	Y	U	U	194659	GU070900G5SW01	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.1	—	—	0.453	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.5	—	—	0.45	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.8	—	—	0.35	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.5	—	—	0.35	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.3	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.74	—	—	0.11	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.57	—	—	0.085	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.61	—	—	0.085	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.91	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.978	—	—	0.165	µg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.87	—	—	0.17	µg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.908	—	—	0.1	µg/L	Y	—	U	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.863	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.91	—	—	0.1	µg/L	Y	—	U	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.843	3.09	10.6		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.05	3.5	11		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.5	2.9	8.6		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	8.93	12	41		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.17	9.4	31		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.665	—	—	0.5	µg/L	Y	J	J	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.23	—	—	0.5	µg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.695	—	—	0.085	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	—	—	0.05	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.645	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.69	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.705	—	—	0.05	mg/L	Y	—	J	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	—	0.05	µg/L	Y	—	J+	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.459	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.425	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.463	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-4.4E-10	0.00528	0.03		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0147	0.013	0.043		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.012	0.008	0.045		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0017	0.028		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0107	0.0094	0.033		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-1.3E-09	0.00746	0.0357		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0147	0.0092	0.041		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.0089	0.078		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0023	0.027		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-1E-09	0.0053	0.037		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	E	J	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.04	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.46	18.3	70.2		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.9	20	72		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.74	16	50		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.7	17	59		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.9	15	36		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.9	—	—	0.053	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.6	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0644	1.5	5.68		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.53	2	6.2		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.04	1.5	4.6		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.483	1.2	4.2		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.688	1.3	3.9		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	184	—	—	1	µS/cm	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µS/cm	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	184	—	—	1	µS/cm	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	88	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	90.7	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	85	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	88.4	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	91.9	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0895	0.136	0.486		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0487	0.14	0.48		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0232	0.13	0.48		pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.158	0.11	0.35		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.125	0.14	0.5		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.67	—	—	0.133	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.77	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.75	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.73	—	—	0.1	mg/L	Y	—	J	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.92	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	2.4	mg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	2.4	mg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.835	—	—	0.33	mg/L	Y	J	J	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.72	—	—	0.33	mg/L	Y	J	J	12-44	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.783	—	—	0.33	mg/L	Y	J	J	10-4818	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	10-41	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.742	—	—	0.33	mg/L	Y	J	J	09-19	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.601	—	—	0.067	µg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.615	—	—	0.067	µg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.896	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.502	—	—	0.05	µg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.55	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.507	0.0376	0.044		pCi/L	Y	—	NQ	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.418	0.043	0.036		pCi/L	Y	—	NQ	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.64	0.21	0.066		pCi/L	Y	—	NQ	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.427	0.048	0.11		pCi/L	Y	—	NQ	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.562	0.092	0.45		pCi/L	Y	—	NQ	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0155	0.0112	0.032		pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00538	0.0076	0.027		pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.106	0.024	0.051		pCi/L	Y	—	NQ	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	0.0097	0.054		pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0316	0.032	0.23		pCi/L	Y	U	U	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.253	0.0261	0.0299		pCi/L	Y	—	NQ	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.213	0.027	0.043		pCi/L	Y	—	NQ	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.42	0.12	0.04		pCi/L	Y	—	NQ	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.181	0.027	0.064		pCi/L	Y	—	NQ	10-43	CAWR-09-12512	GELC
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.357	0.07	0.25		pCi/L	Y	—	NQ	09-21	CAWR-08-15521	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.2	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.71	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.55	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.8	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15520	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.64	—	—	3.3	µg/L	Y	J	J	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.41	—	—	3.3	µg/L	Y	J	J	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-42	CAWR-09-12513	GELC
Spring 5	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	2	µg/L	Y	U	U	09-20	CAWR-08-15520	GELC
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.97	—	—	0.01	SU	Y	H	J	121724	GF04090GA5S01	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	GENERAL CHEMISTRY	GENERIC PH	Acidity or Alkalinity of a solution	pH	Y	7.52	0.1	—		SU	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	10/08/96	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	0.1	—		SU	N	—	—	24035	MM96102GA5S	NA
Spring 5A	—	10/08/96	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	0.1	—		SU	N	—	—	24035	MM96101GA5S	NA
Spring 5A	—	10/08/96	WG	F	INIT	REG	LEGACY	LEGACY	Acidity or Alkalinity of a solution	pH	Y	7.28	—	—		SU	N	—	—	08-OCT-9	9610WGGA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.9	—	—	0.725	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	—	1.45	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	GENERAL CHEMISTRY	SM:A2320B	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic: TITR	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	11	—		mg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	0.00675	0.0326		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00369	0.0035	0.033		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Americium-241	Am-241	N	0.07	0.03	—		pCi/L	N	—	U	X	9409WGGA5S	NA
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Americium-241	Am-241	N	0.05	—	—		pCi/L	N	U	R	28-SEP-9	9409WGGA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0616	—	—	0.017	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.17	—	—	1.7	µg/L	Y	J	J	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Arsenic	As	Y	3.9	—	—	2.24	µg/L	Y	J	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Arsenic	As	N	2.57	—	—	2.57	µg/L	Y	U	U	32208	GM00091GA5S	GELC
Spring 5A	—	10/08/96	WG	F	INIT	REG	INORGANIC	SW-846:7060	Arsenic	As	N	2	2	—		µg/L	N	UL	U	24035	MM96102GA5S	NA
Spring 5A	—	10/08/96	WG	F	INIT	REG	LEGACY	LEGACY	Arsenic	As	N	10	—	—		µg/L	N	UL	U	08-OCT-9	9610WGGA5S	NA
Spring 5A	—	10/08/96	WG	F	INIT	REG	INORGANIC	SW-846:7060	Arsenic	As	Y	4	2	—		µg/L	N	—	—	24035	MM96101GA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	34.6	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	28.1	—	—	0.222	µg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	46.9	—	—	0.748	µg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Barium	Ba	Y	35	3.5	1		µg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	30.7	—	—	15	µg/L	Y	J	J	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.8	—	—	10	µg/L	Y	J	J	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	33.1	—	—	4.88	µg/L	Y	J	U	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	30.1	—	—	4.74	µg/L	Y	B	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Boron	B	Y	38.9	20	20		µg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.7	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.4	—	—	0.0055	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.4	—	—	0.0355	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Calcium	Ca	Y	22.9182	2.2918	0.1		mg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.509	1.6	5.74		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.12	1.2	4.3		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Cesium-137	Cs-137	N	3.355	—	—		pCi/L	N	U	R	28-SEP-9	9409WGGA5S	NA
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Cesium-137	Cs-137	N	1.6	0.7	—		pCi/L	N	—	U	X	9409WGGA5S	NA
Spring 5A	—	10/13/93	WG	UF	INIT	REG	LEGACY	LEGACY	Cesium-137	Cs-137	N	1.2	0	1.2		pCi/L	N	—	U	X	9310WGGA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.23	—	—	0.067	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.02	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.04	—	—	0.0322	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	GENERAL CHEMISTRY	SW-846:9056	Chloride	Cl(-1)	Y	4.14	—	—	0.026	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	LEGACY	LEGACY	Chloride	Cl(-1)	Y	5.5	0.5	—		mg/L	N	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.84	—	—	2	µg/L	Y	J	J	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.2	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Chromium	Cr	Y	3.4	—	—	0.503	µg/L	Y	J	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Chromium	Cr	Y	2.07	—	—	1.06	µg/L	Y	B	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Chromium	Cr	N	2.2	7	7		µg/L	Y	UL	U	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.26	1.76	6.24		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0882	1.4	4.5		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.304	—	—	0.033	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.368	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.4	—	—	0.0553	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:340.2	Fluoride	F(-1)	Y	0.387	—	—	0.007	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic: FIA	Fluoride	F(-1)	Y	0.31	0.03	—		mg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.74	0.967	2.33		pCi/L	Y	—	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Gross alpha	GROSSA	N	6.09	2	—		pCi/L	N	—	—	28-SEP-9	9409WGGA5S	NA
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Gross alpha	GROSSA	N	11	3	—		pCi/L	N	—	—	X	9409WGGA5S	NA
Spring 5A	—	10/13/93	WG	UF	INIT	REG	LEGACY	LEGACY	Gross alpha	GROSSA	N	1	0	—		pCi/L	N	—	R	X	9310WGGA5S	NA
Spring 5A	—	09/17/69	WG	UF	INIT	REG	LEGACY	LEGACY	Gross alpha	GROSSA	N	0.6	—	0.6		pCi/L	N	—	U	17-SEP-6	6909WGGA5S	NA
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.54	0.656	2.01		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Gross beta	GROSSB	N	6.38999	2	—		pCi/L	N	—	—	28-SEP-9	9409WGGA5S	NA
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Gross beta	GROSSB	N	14	1	—		pCi/L	N	—	—	X	9409WGGA5S	NA
Spring 5A	—	10/13/93	WG	UF	INIT	REG	LEGACY	LEGACY	Gross beta	GROSSB	N	4	1	—		pCi/L	N	—	—	X	9310WGGA5S	NA
Spring 5A	—	09/17/69	WG	UF	INIT	REG	LEGACY	LEGACY	Gross beta	GROSSB	N	2	1	—		pCi/L	N	—	U	17-SEP-6	6909WGGA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.9	—	—	0.453	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.1	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	EPA:200.7	Hardness	HARDNESS	Y	64.9	—	—	0.0055	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77.9	—	—	0.103	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	GENERAL CHEMISTRY	GENERIC HARDNESS	Hardness	HARDNESS	Y	67.3	6.73	—		mg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.61	—	—	0.11	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.12	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.76	—	—	0.0052	mg/L	Y	—	—	121724	GF04090GA5S01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.42	—	—	0.0035	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Magnesium	Mg	Y	2.4388	0.2439	0.1		mg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	52.9	—	—	2	µg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	19.3	—	—	0.296	µg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	53.6	—	—	1.15	µg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Manganese	Mn	Y	12.5	2	2		µg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.165	µg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.5	—	—	0.1	µg/L	Y	—	U	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	Y	2	—	—	1.43	µg/L	Y	J	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	1.95	—	—	1.05	µg/L	Y	B	U	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Molybdenum	Mo	N	17.5	30	30		µg/L	Y	UL	U	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3	3.1	11.4		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-8.79	9	29		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.752	—	—	0.5	µg/L	Y	J	J	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.66	—	—	0.5	µg/L	Y	J	J	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Nickel	Ni	N	0.69	—	—	0.69	µg/L	Y	U	U	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Nickel	Ni	N	3.09	—	—	3.09	µg/L	Y	U	U	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Nickel	Ni	N	5.5	20	20		µg/L	Y	UL	U	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.377	—	—	0.017	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.062	—	—	0.01	mg/L	Y	—	U	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.169	—	—	0.003	mg/L	Y	—	J+	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.26	—	—	0.009	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	10/08/96	WG	F	INIT	REG	LEGACY	LEGACY	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.5	—	—		mg/L	N	—	—	08-OCT-9	9610WGGA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.367	—	—	0.05	µg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:314.0	Perchlorate	ClO4	N	1.04	—	—	1.04	µg/L	Y	U	U	32223	GM00091GA5S	GELC
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-8.9E-10	0.00655	0.0304		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0153	0.0092	0.046		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Plutonium-238	Pu-238	N	0.046	—	—		pCi/L	N	U	R	28-SEP-9	9409WGGA5S	NA
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Plutonium-238	Pu-238	N	0.006	0.03	—		pCi/L	N	—	U	X	9409WGGA5S	NA
Spring 5A	—	10/13/93	WG	UF	INIT	REG	LEGACY	LEGACY	Plutonium-238	Pu-238	N	0.001	0.02	—		pCi/L	N	—	U	X	9310WGGA5S	NA
Spring 5A	—	09/17/69	WG	UF	INIT	REG	LEGACY	LEGACY	Plutonium-238	Pu-238	N	0.01	—	0.01		pCi/L	N	—	U	17-SEP-6	6909WGGA5S	NA
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-1.8E-09	0.00845	0.0361		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00306	0.0053	0.053		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Plutonium-239/240	Pu-239/240	N	0.022	0.02	—		pCi/L	N	—	U	X	9409WGGA5S	NA
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Plutonium-239/240	Pu-239/240	N	0.018	0	—		pCi/L	N	—	R	28-SEP-9	9409WGGA5S	NA
Spring 5A	—	10/13/93	WG	UF	INIT	REG	LEGACY	LEGACY	Plutonium-239/240	Pu-239/240	N	0.017	0.03	—		pCi/L	N	—	U	X	9310WGGA5S	NA
Spring 5A	—	09/17/69	WG	UF	INIT	REG	LEGACY	LEGACY	Plutonium-239/240	Pu-239/240	N	0.01	—	0.01		pCi/L	N	—	U	17-SEP-6	6909WGGA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.93	—	—	0.05	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.26	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.71	—	—	0.0165	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.94	—	—	0.0164	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Potassium	K	Y	2.4636	1	1		mg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	49.7	24.2	99.8		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.7	19	69		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.6	—	—	0.053	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56.3	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55.1	—	—	0.0212	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.5	—	—	0.0186	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/10/92	WG	F	INIT	REG	LEGACY	LEGACY	Silicon Dioxide	SiO2	Y	62	—	—		mg/L	N	—	—	X	9209WGGA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19	—	—	0.1	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	25.8	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.2	—	—	0.0144	mg/L	Y	—	—	121724	GF04090GA5S01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.2	—	—	0.013	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Sodium	Na	Y	24.6929	2.4693	0.2		mg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.737	1.37	5.67		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.38	1.2	4.7		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219	—	—	1	µS/cm	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	249	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	GENERAL CHEMISTRY	SW-846:9050A	Specific Conductance	SPEC_CONDC	Y	212	—	—	1	µS/cm	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	GENERAL CHEMISTRY	SW-846:9050A	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	GENERAL CHEMISTRY	GENERIC CONDUCTIVITY	Specific Conductance	SPEC_CONDC	Y	234	12	—		µS/cm	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	171	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	198	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	178	—	—	0.178	µg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	175	—	—	0.469	µg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Strontium	Sr	Y	174.6	17.5	2		µg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.433	0.153	0.472		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.196	0.12	0.47		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Strontium-90	Sr-90	N	0.2	0.7	—		pCi/L	N	—	U	X	9409WGGA5S	NA
Spring 5A	—	09/28/94	WG	UF	INIT	REG	LEGACY	LEGACY	Strontium-90	Sr-90	N	1.69	—	—		pCi/L	N	U	R	28-SEP-9	9409WGGA5S	NA
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.16	—	—	0.133	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.4	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.99	—	—	0.193	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	GENERAL CHEMISTRY	SW-846:9056	Sulfate	SO4(-2)	Y	6.76	—	—	0.079	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	LEGACY	LEGACY	Sulfate	SO4(-2)	Y	8	1	—		mg/L	N	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	158	—	—	3.07	mg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	6.29	mg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic: GRAV	Total Dissolved Solids	TDS	Y	188	19	—		mg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.173	—	—	0.035	mg/L	Y	—	NQ	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	UJ	09-19	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.966	—	—	0.33	mg/L	Y	J	J	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.18	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.15	—	—	0.067	µg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.7	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.2	—	—	0.02	µg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC KPA	Uranium	U	Y	1.68	0.17	—		µg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5A	—	10/08/96	WG	F	INIT	REG	INORGANIC	GENERIC KPA	Uranium	U	Y	1.93	0.19	—		µg/L	N	—	—	24034	MM96102GA5S	NA
Spring 5A	—	10/08/96	WG	F	INIT	REG	INORGANIC	GENERIC KPA	Uranium	U	Y	2.12	0.21	—		µg/L	N	—	—	24034	MM96101GA5S	NA
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.776	0.0466	0.0471		pCi/L	Y	—	NQ	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.16	0.14	0.43		pCi/L	Y	—	NQ	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0132	0.00811	0.0342		pCi/L	Y	U	U	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0916	0.038	0.23		pCi/L	Y	U	U	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.517	0.0374	0.0321		pCi/L	Y	—	NQ	12-1574	CAWR-12-23446	GELC
Spring 5A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.593	0.092	0.24		pCi/L	Y	—	NQ	09-21	CAWR-08-15528	GELC
Spring 5A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.2	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23474	GELC
Spring 5A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.2	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15527	GELC
Spring 5A	—	09/14/04	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	11.3	—	—	0.606	µg/L	Y	—	—	121724	GF04090GA5S01	GELC
Spring 5A	—	09/26/00	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.4	—	—	0.89	µg/L	Y	—	—	32208	GM00091GA5S	GELC
Spring 5A	—	09/29/98	WG	F	INIT	REG	INORGANIC	GENERIC ICPES	Vanadium	V	Y	9	8	8		µg/L	Y	—	—	10003255	MM98091GA5S	CST
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	J-	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	J-	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	J-	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	J	194659	GF070900GB5S01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.3	—	—	0.725	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.1	—	—	0.73	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.1	—	—	0.73	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.5	—	—	0.73	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.2	—	—	0.725	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0054	0.0054	0.0368		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00196	0.0034	0.032		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00487	0.0027	0.031		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000278	0.0016	0.028		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00241	0.00986	0.0496		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0969	—	—	0.017	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.03	—	—	0.03	mg/L	Y	U	U	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.72	—	—	1.7	µg/L	Y	J	J	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.12	—	—	1.5	µg/L	Y	J	J	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.6	—	—	1.5	µg/L	Y	J	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	32	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	33.2	—	—	1	µg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.2	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	32.9	—	—	1	µg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.4	—	—	15	µg/L	Y	J	J	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20	—	—	10	µg/L	Y	J	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.1	—	—	0.03	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.39	1.64	5.28		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.916	1.7	5.7		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.946	1.2	4		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.955	1.4	4.4		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.09	1.61	5.14		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	0.067	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.066	mg/L	Y	—	J+	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	0.066	mg/L	Y	—	J+	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	0.066	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.92	—	—	0.066	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.98	—	—	2	µg/L	Y	J	J	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.95	—	—	2	µg/L	Y	J	J	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.78	—	—	2.5	µg/L	Y	J	J	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.77	—	—	2.5	µg/L	Y	J	J	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	5.7	—	—	1	µg/L	Y	—	U	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.37	5.72		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.71	1.9	6.8		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.96	1.2	4.7		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.46	1.8	6.2		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.25	1.44	5.17		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.384	—	—	0.033	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.429	—	—	0.033	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.401	—	—	0.033	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.642	—	—	0.033	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.311	0.464	2.56		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.596	0.75	2.8		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.344	0.4	2.3		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.17	0.98	2.6		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.66	0.628	2.94		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.13	0.6	1.72		pCi/L	Y	—	NQ	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.52	1	2.4		pCi/L	Y	—	NQ	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.68	0.7	2.1		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.02	1.1	2.2		pCi/L	Y	—	NQ	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.22	0.928	2.92		pCi/L	N	U	R	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/07	WG	UF	RE	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.38	0.822	1.94		pCi/L	Y	—	J	197268	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.45	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	0.35	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	0.35	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.7	—	—	0.425	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.93	—	—	0.11	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.2	—	—	0.085	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.13	—	—	0.085	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.91	—	—	0.085	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.165	µg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.01	—	—	0.17	µg/L	Y	—	U	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.1	µg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.13	—	—	0.1	µg/L	Y	—	U	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	3.7	—	—	2	µg/L	Y	J	U	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.35	2.6	9.3		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.27	3.9	13		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.658	2.4	8		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.19	12	36		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	10.5	10.4	34.1		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.647	—	—	0.5	µg/L	Y	J	J	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.658	—	—	0.5	µg/L	Y	J	U	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.5	—	—	0.5	µg/L	Y	U	U	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	—	0.085	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.7	—	—	0.05	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.715	—	—	0.05	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.725	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.755	—	—	0.01	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.357	—	—	0.05	µg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.379	—	—	0.05	µg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.05	µg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.371	—	—	0.05	µg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00231	0.00612	0.0263		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00366	0.0073	0.032		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-2.5E-10	0.0029	0.023		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00996	0.0044	0.028		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00649	0.00376	0.0346		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00463	0.00654	0.0313		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0128	0.0055	0.031		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00619	0.0036	0.04		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00664	0.0041	0.027		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00216	0.00483	0.0408		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.32	—	—	0.05	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.84	—	—	0.05	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.2	16.9	69.2		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	28.1	23	77		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.25	15	48		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	42.1	19	71		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.33	16.4	57.2		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.2	—	—	0.053	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.3	—	—	0.053	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.5	—	—	0.032	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.9	—	—	0.045	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.101	1.32	5.09		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.289	2	6.7		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.924	1.3	3.9		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.12	1.6	5.5		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.504	1.6	5.17		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	166	—	—	1	µS/cm	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	92.4	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	99.3	—	—	1	µg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.7	—	—	1	µg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	95.9	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.7	—	—	1	µg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0179	0.135	0.489		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.13	0.14	0.49		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.198	0.14	0.48		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.199	0.14	0.47		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.102	0.112	0.39		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.68	—	—	0.133	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.1	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	—	0.1	mg/L	Y	—	J+	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	—	0.1	mg/L	Y	—	J	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.1	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5B	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	142	—	—	2.4	mg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	152	—	—	2.4	mg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	2.38	mg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0434	—	—	0.035	mg/L	Y	J	J	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-4827	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.048	—	—	0.033	mg/L	Y	J	U	10-45	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.029	—	—	0.029	mg/L	Y	U	UJ	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.814	—	—	0.33	mg/L	Y	J	J	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.677	—	—	0.33	mg/L	Y	J	J	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.464	—	—	0.33	mg/L	Y	J	U	10-4827	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.37	—	—	0.33	mg/L	Y	J	J	10-45	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.736	—	—	0.067	µg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.777	—	—	0.067	µg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.715	—	—	0.05	µg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.498	0.0427	0.0594		pCi/L	Y	—	NQ	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.497	0.048	0.035		pCi/L	Y	—	NQ	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.446	0.046	0.04		pCi/L	Y	—	NQ	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.468	0.05	0.099		pCi/L	Y	—	NQ	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.403	0.037	0.0458		pCi/L	Y	—	—	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0334	0.0145	0.0431		pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0208	0.0099	0.026		pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0118	0.0073	0.031		pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0173	0.0078	0.051		pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0326	0.00988	0.0355		pCi/L	Y	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.233	0.0304	0.0404		pCi/L	Y	—	NQ	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.282	0.032	0.041		pCi/L	Y	—	NQ	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.232	0.029	0.024		pCi/L	Y	—	NQ	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.289	0.035	0.061		pCi/L	Y	—	NQ	10-47	CAWR-09-12542	GELC
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.257	0.0276	0.0401		pCi/L	Y	—	—	194659	GU070900GB5S01	GELC
Spring 5B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.66	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.28	—	—	1	µg/L	Y	—	NQ	12-51	CAWR-11-28035	GELC
Spring 5B	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.53	—	—	1	µg/L	Y	—	NQ	10-4828	CAWR-10-26574	GELC
Spring 5B	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.95	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12541	GELC
Spring 5B	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.3	—	—	1	µg/L	Y	—	—	194659	GF070900GB5S01	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	J-	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	J-	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	J-	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J-	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	J-	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	0.725	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.8	—	—	0.73	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.3	—	—	0.73	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.3	—	—	0.73	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	0.73	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.3	—	—	0.73	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00671	0.0324		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0198	0.0067	0.036		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00659	0.0052	0.059		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00659	0.008	0.064		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00372	0.0041	0.03		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00774	0.0044	0.029		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0219	0.0074	0.028		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00688	0.0071	0.026		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0394	—	—	0.017	mg/L	Y	J	J	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.69	—	—	1.7	µg/L	Y	J	J	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.36	—	—	1.5	µg/L	Y	J	J	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.55	—	—	1.5	µg/L	Y	J	J	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.9	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.9	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	25	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.9	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.8	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.00896	1.48	5.61		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.477	1.4	4.3		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1	1.4	4.5		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.525	1.5	5.1		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.25	1.8	5.3		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	1.5	5.4		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.765	1.4	4.1		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0797	1.4	4.5		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.066	mg/L	Y	—	J+	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.07	—	—	0.066	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.066	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.06	—	—	0.066	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.06	—	—	0.066	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.8	—	—	2	µg/L	Y	J	J	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.53	—	—	2	µg/L	Y	J	J	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.82	—	—	2.5	µg/L	Y	J	J	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.94	—	—	2.5	µg/L	N	J	R	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.76	—	—	2.5	µg/L	Y	J	J	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.64	—	—	2.5	µg/L	Y	J	J	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.32	—	—	2.5	µg/L	Y	J	J	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.6	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.8	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.63	1.42	6.67		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.107	1.4	4.6		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.777	1.2	3.5		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.395	1.3	4.1		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0368	1.4	4.8		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.167	1.2	3.9		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.781	1.2	3.8		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.505	1.4	4.8		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.254	—	—	0.033	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.317	—	—	0.033	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.293	—	—	0.033	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.286	—	—	0.033	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.563	—	—	0.033	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.564	—	—	0.033	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.363	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.365	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.058	0.464	2.25		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.644	0.65	2.4		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.433	0.62	2.5		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.312	0.53	2.2		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.2	0.81	2.6		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.727	0.71	2.5		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.914	0.565	1.79		pCi/L	Y	U	U	194659	GU070900G6SW01	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.36	0.615	1.92		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.602	0.78	2.7		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.25	0.92	2.4		pCi/L	Y	—	NQ	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.67	0.74	2.3		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.99	1	2.2		pCi/L	Y	—	NQ	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.33	0.9	2.6		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.37	0.859	2.81		pCi/L	Y	U	U	194659	GU070900G6SW01	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.6	—	—	0.45	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.35	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.2	—	—	0.35	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.35	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.35	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.6	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.55	—	—	0.11	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.34	—	—	0.085	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.5	—	—	0.085	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.62	—	—	0.085	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.67	—	—	0.085	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.78	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.83	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1	—	—	0.17	µg/L	Y	—	U	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.981	—	—	0.1	µg/L	Y	—	U	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.901	—	—	0.1	µg/L	Y	—	U	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.1	—	—	0.1	µg/L	Y	—	U	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.13	—	—	0.1	µg/L	Y	—	U	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.94	—	—	0.1	µg/L	Y	—	U	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.96	—	—	0.1	µg/L	Y	—	U	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.84	3	11.1		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.846	2.8	8.8		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.48	2.7	8.8		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.72	2.6	8		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	10.9	11	39		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	19.7	12	38		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.55	10	34		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-19.5	12	32		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.541	—	—	0.5	µg/L	Y	J	J	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.631	—	—	0.5	µg/L	Y	J	U	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.59	—	—	0.5	µg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.345	—	—	0.017	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.369	—	—	0.05	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.385	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.381	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.382	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.406	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0578	—	—	0.01	mg/L	Y	—	U	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.565	—	—	0.05	mg/L	Y	—	U	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.288	—	—	0.05	µg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.05	µg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.341	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00284	0.00491	0.0323		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00189	0.0068	0.033		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00163	0.0028	0.019		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00169	0.0024	0.019		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00164	0.0023	0.027		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00682	0.0038	0.029		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00228	0.0032	0.035		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0021	0.032		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00284	0.00491	0.0384		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00567	0.0042	0.032		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00653	0.004	0.032		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0186	0.0082	0.033		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0024	0.028		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00328	0.0023	0.027		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00209	0.0036	0.036		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00455	0.0064	0.039		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.01	—	—	0.05	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.77	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.07	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.06	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.7	20.2	78.5		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.1	17	56		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-2.67	20	69		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.934	17	56		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.73	20	69		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-6.55	17	63		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.1	16	50		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	4.25	20	68		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.1	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.78	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.816	1.31	5.65		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.71	1.5	5.2		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.438	1.4	4.6		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.212	1.5	4.8		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.4	1.6	4.9		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.109	1.4	4.5		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.759	1.3	4		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.17	1.2	4.4		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.1	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.5	—	—	1	µg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.8	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.2	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	61.4	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.4	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.196	0.124	0.477		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0629	0.12	0.47		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.11	0.14	0.49		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.135	0.12	0.49		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.229	0.13	0.4		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0585	0.13	0.5		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0217	0.077	0.3		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0397	0.096	0.39		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	—	—	0.133	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.35	—	—	0.1	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.51	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.47	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.44	—	—	0.1	mg/L	Y	—	J	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.48	—	—	0.1	mg/L	Y	—	J	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.64	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.63	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	3.4	mg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	2.4	mg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	2.4	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	138	—	—	2.4	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	2.4	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.801	—	—	0.33	mg/L	Y	J	J	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.694	—	—	0.33	mg/L	Y	J	J	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.409	—	—	0.33	mg/L	Y	J	J	10-4818	CAWR-10-25376	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.474	—	—	0.33	mg/L	Y	J	J	10-4818	CAWR-10-25378	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.644	—	—	0.33	mg/L	Y	J	J	10-45	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	10-45	CAWR-09-12547	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.01	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15532	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.1	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15534	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.305	—	—	0.067	µg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.336	—	—	0.067	µg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.361	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.537	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.462	—	—	0.05	µg/L	Y	—	U	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	N	0.432	—	—	0.05	µg/L	Y	—	U	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.3	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.32	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.203	0.027	0.0483		pCi/L	Y	—	NQ	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.201	0.026	0.035		pCi/L	Y	—	NQ	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.184	0.028	0.059		pCi/L	Y	—	NQ	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.176	0.027	0.054		pCi/L	Y	—	NQ	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.187	0.031	0.11		pCi/L	Y	—	NQ	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.207	0.031	0.098		pCi/L	Y	—	NQ	10-47	CAWR-09-12547	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.49	0.089	0.44		pCi/L	Y	—	NQ	09-21	CAWR-08-15532	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.462	0.082	0.44		pCi/L	Y	—	NQ	09-21	CAWR-08-15534	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0237	0.0112	0.035		pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0103	0.0063	0.026		pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0171	0.0086	0.045		pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0239	0.0099	0.042		pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00366	0.0052	0.054		pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00341	0.0076	0.05		pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0618	0.031	0.23		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0466	0.035	0.23		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0933	0.0174	0.0328		pCi/L	Y	—	NQ	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0999	0.017	0.041		pCi/L	Y	—	NQ	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0797	0.018	0.035		pCi/L	Y	—	NQ	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.126	0.022	0.033		pCi/L	Y	—	NQ	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0717	0.02	0.06		pCi/L	Y	—	NQ	10-47	CAWR-09-12547	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.083	0.019	0.064		pCi/L	Y	—	NQ	10-47	CAWR-09-12545	GELC
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.175	0.051	0.24		pCi/L	Y	U	U	09-21	CAWR-08-15534	GELC
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.113	0.038	0.24		pCi/L	Y	U	U	09-21	CAWR-08-15532	GELC
Spring 6	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.17	—	—	1	µg/L	Y	—	NQ	12-1574	CAWR-12-23476	GELC
Spring 6	—	10/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.94	—	—	1	µg/L	Y	—	NQ	12-51	CAWR-11-28036	GELC
Spring 6	—	09/28/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.02	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25379	GELC
Spring 6	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.46	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.71	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC
Spring 6	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.2	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15531	GELC
Spring 6	—	09/30/08	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.2	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15533	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.28	—	—	0.01	SU	Y	H	J-	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.24	—	—	0.01	SU	Y	H	J-	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	0.725	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.3	—	—	0.73	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.3	—	—	0.73	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.9	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.7	—	—	0.725	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00251	0.00832	0.0342		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00659	0.006	0.068		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00381	0.004	0.051		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00176	0.0038	0.023		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00715	0.0124	0.0511		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0424	—	—	0.017	mg/L	Y	J	J	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.03	—	—	0.03	mg/L	Y	U	U	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.6	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.7	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.3	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.4	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.9	—	—	0.03	mg/L	Y	—	—	194659	GF070900GA6S01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.355	1.59	5.74		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.333	1.2	4.2		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.145	1.3	4.4		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.959	1.2	4.3		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.24	1.59	4.24		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	—	0.067	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	—	0.066	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.066	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.066	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.04	—	—	2	µg/L	Y	J	J	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.09	—	—	2.5	µg/L	Y	J	J	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.26	—	—	2.5	µg/L	Y	J	J	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.1	—	—	1.5	µg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	4.7	—	—	1	µg/L	Y	—	U	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.09	1.65	6.74		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.3	1.2	3.4		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.07	1.1	3.1		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.126	1.2	3.8		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.547	1.26	4.36		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.602	—	—	0.033	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.372	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.382	—	—	0.033	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.177	0.6	2.5		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.136	0.61	2.7		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.343	0.69	2.8		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.24	0.817	1.99		pCi/L	Y	—	J	194659	GU070900GA6S01	GELC
Spring 6A	—	09/19/06	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.62	0.82	2.6		pCi/L	Y	U	U	172456	GU060900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.87	0.841	2.36		pCi/L	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-1.08	0.51	2.4		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.66	1.1	2.9		pCi/L	Y	—	NQ	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.26	0.885	2.77		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/19/06	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.1	0.942	2.81		pCi/L	Y	—	J	172456	GU060900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.8	—	—	0.453	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	0.35	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.3	—	—	0.35	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.8	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.1	—	—	0.425	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.6	—	—	0.11	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.69	—	—	0.085	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.76	—	—	0.085	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.5	—	—	0.085	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.165	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.29	—	—	0.1	µg/L	Y	—	U	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.38	—	—	0.1	µg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.1	—	—	0.1	µg/L	Y	—	U	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	3.9	—	—	2	µg/L	Y	J	U	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.62	2.84	9.76		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.62	2.6	8.7		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.34	9.4	31		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.01	9.7	30		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.43	12.7	35.7		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.33	—	—	0.017	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.359	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.404	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0658	—	—	0.01	mg/L	Y	—	U	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.345	—	—	0.01	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.32	—	—	0.05	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.327	—	—	0.05	µg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0115	0.00854	0.0435		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00188	0.0027	0.021		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.011	0.038		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0046	0.029		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-2.4E-10	0.00288	0.0326		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0115	0.0101	0.0516		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00565	0.0038	0.037		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00903	0.0071	0.037		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00189	0.0057	0.033		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00611	0.00456	0.0385		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.91	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.81	—	—	0.05	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.147	18.3	71.7		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.19	18	62		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.72	18	59		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.495	13	42		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.3	17.1	59.3		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.1	—	—	0.053	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.4	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.9	—	—	0.032	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.1	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.6	—	—	0.045	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.344	1.3	5.11		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.757	1.3	4.2		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.492	1.1	3.3		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0517	1.1	3.6		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.93	1.68	4.12		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µS/cm	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	1	µS/cm	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.9	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	68.3	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.4	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	82.5	—	—	1	µg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0544	0.127	0.493		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00227	0.12	0.47		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.107	0.13	0.46		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.121	0.12	0.47		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.136	0.0783	0.352		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.36	—	—	0.133	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.44	—	—	0.1	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.34	—	—	0.1	mg/L	Y	—	J	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.6	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.1	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	81.4	—	—	3.4	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	148	—	—	2.4	mg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	2.4	mg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	2.38	mg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.83	—	—	0.33	mg/L	Y	J	J	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.467	—	—	0.33	mg/L	Y	J	J	10-4818	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.55	—	—	0.33	mg/L	Y	J	J	10-50	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.06	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.341	—	—	0.33	mg/L	Y	J	—	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.04	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.1	—	—	0.05	µg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.64	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.2	—	—	0.05	µg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.52	0.0407	0.0528		pCi/L	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.573	0.06	0.06		pCi/L	Y	—	NQ	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.582	0.054	0.077		pCi/L	Y	—	NQ	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.504	0.096	0.47		pCi/L	Y	—	NQ	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.794	0.0609	0.0458		pCi/L	Y	—	—	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	0.0117	0.0383		pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0306	0.015	0.046		pCi/L	Y	U	U	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0214	0.0094	0.039		pCi/L	Y	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.082	0.049	0.24		pCi/L	Y	U	U	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0276	0.00919	0.0355		pCi/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.273	0.0293	0.0359		pCi/L	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.272	0.037	0.036		pCi/L	Y	—	NQ	10-4820	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.338	0.036	0.047		pCi/L	Y	—	NQ	10-52	CAWR-09-12551	GELC
Spring 6A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.265	0.064	0.26		pCi/L	Y	—	NQ	09-21	CAWR-08-15542	GELC
Spring 6A	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.408	0.0372	0.0402		pCi/L	Y	—	—	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.74	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	11.1	—	—	1	µg/L	Y	—	NQ	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.8	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15541	GELC
Spring 6A	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	—	194659	GF070900GA6S01	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	—	0.01	SU	Y	H	J-	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	J-	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	J-	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	J-	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.4	—	—	0.725	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.9	—	—	0.73	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.2	—	—	0.73	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.5	—	—	0.73	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	—	0.73	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00236	0.00528	0.0322		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0237	0.015	0.051		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00254	0.0041	0.045		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00334	0.0044	0.043		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0086	0.017	0.052		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0415	—	—	0.017	mg/L	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.052	—	—	0.016	mg/L	Y	—	J-	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.88	—	—	1.7	µg/L	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.2	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.4	—	—	1	µg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.7	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.4	—	—	1	µg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.5	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.09	—	—	0.05	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.11	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.83	—	—	0.05	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.15	—	—	0.03	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.391	1.4	4.91		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.128	1.9	6.8		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.36	1.1	3.5		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.3	1.7	5.7		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.388	1.4	4.6		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.77	—	—	0.067	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.76	—	—	0.066	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.066	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.69	—	—	0.066	mg/L	Y	—	J	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.72	—	—	0.066	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.405	1.26	5.12		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.883	2.3	8		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.817	1.2	4.1		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.716	1.7	5.6		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.05	1.6	4.8		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.304	—	—	0.033	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.297	—	—	0.033	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.308	—	—	0.033	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.496	—	—	0.033	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.415	—	—	0.033	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.52	0.814	2.52		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.29	0.78	2.4		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	0.8	2.3		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.128	0.53	2.3		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.218	0.551	2.51		pCi/L	Y	U	U	194658	GU070900GA8S01	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.44	0.901	2.78		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.113	0.68	2.5		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.78	0.73	2.2		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.65	1.5	3.8		pCi/L	Y	—	NQ	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.18	1.56	3.99		pCi/L	Y	—	J	194658	GU070900GA8S01	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.3	—	—	0.45	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.8	—	—	0.35	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.4	—	—	0.35	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.9	—	—	0.35	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	33.2	—	—	30	µg/L	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	30.5	—	—	25	µg/L	Y	J	J	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.14	—	—	0.11	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.56	—	—	0.085	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.75	—	—	0.085	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.17	—	—	0.085	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.39	—	—	2	µg/L	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.165	µg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.17	µg/L	Y	—	J	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.1	µg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.1	µg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.97	—	—	0.1	µg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.31	2.48	9.41		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.595	2.8	11		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.08	2.1	6.7		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	8.44	15	44		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-12.4	9.1	29		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.612	—	—	0.5	µg/L	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	UJ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.667	—	—	0.5	µg/L	Y	J	J	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0762	—	—	0.017	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.199	—	—	0.05	mg/L	Y	J	J	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.247	—	—	0.05	mg/L	Y	J	J	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.28	—	—	0.05	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.053	—	—	0.01	mg/L	Y	—	U	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.123	—	—	0.05	µg/L	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.277	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.244	—	—	0.05	µg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	—	0.05	µg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00513	0.0292		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00356	0.014	0.062		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0041	0.033		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.011	0.0085	0.037		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00188	0.005	0.028		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0128	0.00769	0.0347		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00356	0.008	0.06		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00287	0.0064	0.056		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00219	0.0058	0.036		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00375	0.0038	0.032		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.76	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.694	15.7	66.9		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.72	21	80		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.44	19	58		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	38.5	19	69		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.44	18	65		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	85.7	—	—	0.053	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	82.2	—	—	0.053	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	86.6	—	—	0.032	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.2	—	—	0.045	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.49	1.47	6.1		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.696	1.6	6.8		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.195	1.1	3.6		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.28	1.6	4		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.644	1.4	4.9		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	µS/cm	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	44.8	—	—	1	µg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	38.7	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	41	—	—	1	µg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.272	0.146	0.476		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0201	0.14	0.49		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.17	0.11	0.48		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00953	0.13	0.44		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0366	0.092	0.34		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.21	—	—	0.133	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.11	—	—	0.1	mg/L	Y	—	J+	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.8	—	—	0.1	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.9	—	—	0.1	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	138	—	—	2.4	mg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	135	—	—	2.4	mg/L	Y	—	NQ	10-51	CAWR-09-12563	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	132	—	—	2.4	mg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.27	—	—	0.33	mg/L	Y	—	NQ	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.666	—	—	0.33	mg/L	Y	J	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.548	—	—	0.33	mg/L	Y	J	J	10-4821	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.523	—	—	0.33	mg/L	Y	J	J	10-50	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.79	—	—	0.33	mg/L	Y	J	J	09-25	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.132	—	—	0.067	µg/L	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.201	—	—	0.067	µg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.215	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.222	—	—	0.05	µg/L	Y	—	U	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.19	—	—	0.05	µg/L	Y	J	J	09-26	CAWR-08-15549	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0894	0.0176	0.043		pCi/L	Y	—	NQ	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.246	0.031	0.044		pCi/L	Y	—	NQ	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.103	0.02	0.059		pCi/L	Y	—	NQ	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.025	0.067		pCi/L	Y	—	NQ	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0995	0.019	0.073		pCi/L	Y	—	NQ	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00605	0.0312		pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0164	0.0074	0.033		pCi/L	Y	U	U	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00428	0.0043	0.045		pCi/L	Y	U	U	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00467	0.0047	0.034		pCi/L	Y	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0128	0.0093	0.038		pCi/L	Y	U	U	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0587	0.0134	0.0293		pCi/L	Y	—	NQ	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.136	0.023	0.052		pCi/L	Y	—	NQ	12-95	CAWR-11-28045	GELC
Spring 8A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0934	0.02	0.035		pCi/L	Y	—	NQ	10-4823	CAWR-10-25392	GELC
Spring 8A	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.123	0.018	0.041		pCi/L	Y	—	NQ	10-52	CAWR-09-12562	GELC
Spring 8A	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0664	0.015	0.04		pCi/L	Y	—	NQ	09-27	CAWR-08-15550	GELC
Spring 8A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.68	—	—	1	µg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.37	—	—	1	µg/L	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.75	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25391	GELC
Spring 8A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.28	—	—	1	µg/L	Y	—	J	10-51	CAWR-09-12563	GELC
Spring 8A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.5	—	—	1	µg/L	Y	—	NQ	09-26	CAWR-08-15549	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.39	—	—	0.01	SU	Y	H	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	J-	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	J-	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.3	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	J	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	0.725	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.6	—	—	0.73	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	0.73	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	0.725	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00668	0.00863	0.0304		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00815	0.004	0.032		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00991	0.0084	0.075		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00144	0.006	0.024		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00433	0.00399	0.0585		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0558	—	—	0.017	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.037	—	—	0.016	mg/L	Y	J	J-	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.003	—	—	0.03	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.6	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	J	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.7	—	—	1	µg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.5	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.4	—	—	1	µg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.03	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.997	1.34	5.21		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.57	1.8	6.3		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.685	1.6	4.9		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0877	2.6	3.4		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.629	1.84	4.9		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.066	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.066	mg/L	Y	—	J	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.066	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.13	1.73	6.85		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.18	1.3	4.7		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.37	1.5	5.5		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.37	1.2	4.3		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.5	1.63	3.62		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	—	0.033	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.526	—	—	0.033	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.41	—	—	0.033	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.852	0.574	1.89		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	0.73	2.5		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.75	0.94	2.9		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.672	0.806	2.95		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/19/06	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.852	0.317	0.887		pCi/L	Y	U	U	172411	GU060900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.356	0.818	2.85		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.98	0.91	2.9		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.05	0.78	2.5		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.28	1.53	4.1		pCi/L	Y	—	J	194658	GU070900G9SW01	GELC
Spring 9	—	09/19/06	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.02	1.03	3.34		pCi/L	Y	U	U	172411	GU060900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.9	—	—	0.453	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.6	—	—	0.35	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.35	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.1	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.1	—	—	0.425	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.04	—	—	0.11	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.02	—	—	0.085	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.88	—	—	0.085	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.26	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.23	—	—	0.085	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.165	µg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.1	µg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.1	µg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.1	—	—	0.1	µg/L	Y	—	U	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	2.8	—	—	2	µg/L	Y	J	U	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.931	3.3	11.4		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.687	2.1	6.9		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.33	6.8	22		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-29.4	9.8	27		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.796	10.5	33.4		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.167	—	—	0.017	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.112	—	—	0.05	mg/L	Y	J	J	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.125	—	—	0.05	mg/L	Y	J	J	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.157	—	—	0.05	mg/L	Y	J	U	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.135	—	—	0.01	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.257	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.214	—	—	0.05	µg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.253	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.261	—	—	0.05	µg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00588	0.0132	0.0669		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0031	0.035		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00823	0.0065	0.043		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00287	0.0029	0.043		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000708	0.00311	0.038		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00588	0.0131	0.0795		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0075	0.059		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00235	0.006	0.042		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00287	0.0095	0.049		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00899	0.00622	0.0448		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-36.8	19.1	65.9		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.3	17	56		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.7	16	60		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.7	15	50		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.2	24.4	51.1		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77.9	—	—	0.053	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.2	—	—	0.053	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.9	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.3	—	—	0.032	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11	—	—	0.045	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.00346	1.45	5.62		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.86	1.2	3.2		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.374	1.5	4.9		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.7	1.2	4.6		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.08	1.48	5.12		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.9	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	46.5	—	—	1	µg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.3	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.9	—	—	1	µg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0744	0.115	0.478		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.344	0.16	0.48		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0546	0.12	0.42		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0373	0.11	0.44		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0305	0.0571	0.201		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.87	—	—	0.133	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.05	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.93	—	—	0.1	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.17	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.98	—	—	0.1	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	2.4	mg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	2.4	mg/L	Y	—	NQ	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	2.38	mg/L	Y	—	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0952	—	—	0.035	mg/L	Y	J	J	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-4821	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.52	—	—	0.033	mg/L	Y	—	J	10-50	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	UJ	09-19	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.029	—	—	0.029	mg/L	Y	U	UJ	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.777	—	—	0.33	mg/L	Y	J	J	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.823	—	—	0.33	mg/L	Y	J	J	10-4821	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.42	—	—	0.33	mg/L	Y	—	NQ	10-50	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.931	—	—	0.33	mg/L	Y	J	J	09-19	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.131	—	—	0.067	µg/L	Y	J	J	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.215	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.167	—	—	0.05	µg/L	Y	J	U	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.15	—	—	0.05	µg/L	Y	J	J	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.18	—	—	0.05	µg/L	Y	J	—	194658	GF070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.281	0.0325	0.0531		pCi/L	Y	—	NQ	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.203	0.029	0.048		pCi/L	Y	—	NQ	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.27	0.1	0.081		pCi/L	Y	—	NQ	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.432	0.08	0.45		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.423	0.0373	0.0424		pCi/L	Y	—	—	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00746	0.00746	0.0385		pCi/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0177	0.008	0.037		pCi/L	Y	U	U	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0368	0.011	0.042		pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0785	0.047	0.23		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0325	0.00948	0.0329		pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0207	0.0361		pCi/L	Y	—	NQ	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.169	0.025	0.029		pCi/L	Y	—	NQ	10-4823	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.622	0.058	0.05		pCi/L	Y	—	NQ	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.178	0.052	0.25		pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.214	0.0239	0.0372		pCi/L	Y	—	—	194658	GU070900G9SW01	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.06	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.2	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.9	—	—	1	µg/L	Y	—	J	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.6	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15538	GELC
Spring 9	—	09/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.6	—	—	1	µg/L	Y	—	—	194658	GF070900G9SW01	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	J-	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	J-	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.43	—	—	0.01	SU	Y	H	J-	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	J-	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	—	0.725	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	—	0.73	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.9	—	—	0.73	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	0.73	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	0.73	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00464	0.00656	0.0317		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0101	0.0083	0.039		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0033	0.0027	0.03		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00116	0.0062	0.048		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00101	0.0084	0.026		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0367	—	—	0.017	mg/L	Y	J	J	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.088	—	—	0.016	mg/L	Y	—	J-	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.1	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.2	—	—	1	µg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.62	—	—	1	µg/L	Y	—	J	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.82	—	—	1	µg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.5	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.93	—	—	0.05	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.5	—	—	0.03	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.53	1.41	4.77		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	2.9	6.3		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.614	1.5	4.7		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.337	1.5	4.9		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.59	1.5	4.6		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.067	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	—	0.066	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.066	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.83	—	—	0.066	mg/L	Y	—	J	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.066	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.23	—	—	2	µg/L	Y	J	J	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.06	—	—	2	µg/L	Y	J	J	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.29	—	—	2.5	µg/L	Y	J	J	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	1.6	—	—	1.5	µg/L	Y	J	J	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.631	1.43	5.66		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.56	1.6	5.7		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.392	1.8	5.8		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.16	1.6	4.7		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.6	1.6	6.2		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.397	—	—	0.033	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.4	—	—	0.033	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.575	—	—	0.033	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.495	—	—	0.033	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.289	0.541	2.77		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.866	0.75	2.5		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.43	0.83	2.5		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.249	0.84	3.3		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	09/26/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0168	0.459	2.24		pCi/L	Y	U	U	194658	GU070900GA9S01	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.414	0.853	2.96		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.489	0.76	3		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.82	0.92	2.7		pCi/L	Y	—	NQ	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.217	0.8	2.9		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	09/26/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.66	1.48	4.29		pCi/L	Y	—	J	194658	GU070900GA9S01	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.4	—	—	0.453	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.9	—	—	0.45	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.35	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.8	—	—	0.35	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.06	—	—	0.11	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.9	—	—	0.11	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.89	—	—	0.085	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.91	—	—	0.085	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.14	—	—	0.085	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.165	µg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.17	µg/L	Y	—	J	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.1	µg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.1	µg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.2	—	—	0.1	µg/L	Y	—	U	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.57	3.02	10.9		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.47	2.8	10		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.31	3.3	11		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	30.7	18	38		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.86	9.3	28		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.197	—	—	0.017	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.243	—	—	0.05	mg/L	Y	J	J	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.283	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.317	—	—	0.05	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0562	—	—	0.01	mg/L	Y	—	U	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.238	—	—	0.05	µg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.274	—	—	0.05	µg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.296	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.256	—	—	0.05	µg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.296	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00653	0.0372		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0071	0.017	0.062		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00313	0.0038	0.027		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0043	0.036		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00242	0.0064	0.037		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00462	0.0442		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0177	0.012	0.06		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.026	0.0096	0.046		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00215	0.0057	0.035		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00484	0.0049	0.042		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.09	16.8	68.1		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27.2	19	71		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.6	19	63		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.68	15	53		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.75	17	62		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.4	—	—	0.053	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.6	—	—	0.032	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.2	—	—	0.045	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0122	1.43	5.46		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.41	1.5	6.4		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.49	1.3	3.6		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.13	1.4	4		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.7	1.4	5.4		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.8	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.1	—	—	1	µg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48.1	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	44.9	—	—	1	µg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.147	0.111	0.49		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.192	0.12	0.49		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0648	0.13	0.49		pCi/L	Y	U	U	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0558	0.12	0.47		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.156	0.069	0.36		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.84	—	—	0.133	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	—	0.1	mg/L	Y	—	J+	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.06	—	—	0.1	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.81	—	—	0.1	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.08	—	—	0.1	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	2.4	mg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	2.4	mg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	2.4	mg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0568	—	—	0.035	mg/L	Y	J	J	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0784	—	—	0.035	mg/L	Y	J	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-4821	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.061	—	—	0.033	mg/L	Y	J	U	10-50	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	UJ	09-19	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.07	—	—	0.33	mg/L	Y	—	NQ	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.407	—	—	0.33	mg/L	Y	J	U	12-95	CAWR-11-28048	GELC

White Rock Canyon General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9A	—	09/28/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.648	—	—	0.33	mg/L	Y	J	J	10-4821	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.998	—	—	0.33	mg/L	Y	J	J	10-50	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.2	—	—	0.33	mg/L	Y	—	NQ	09-19	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.18	—	—	0.067	µg/L	Y	J	J	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.193	—	—	0.067	µg/L	Y	J	J	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.204	—	—	0.05	µg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.278	—	—	0.05	µg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.21	—	—	0.05	µg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.233	0.0392	0.0849		pCi/L	Y	—	NQ	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.341	0.036	0.034		pCi/L	Y	—	NQ	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.91	0.15	0.041		pCi/L	Y	—	NQ	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.257	0.029	0.074		pCi/L	Y	—	NQ	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.723	0.1	0.42		pCi/L	Y	—	NQ	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0119	0.0616		pCi/L	Y	U	U	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00754	0.0067	0.025		pCi/L	Y	U	U	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0394	0.011	0.032		pCi/L	Y	—	NQ	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0206	0.0083	0.038		pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0596	0.042	0.22		pCi/L	Y	U	U	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.15	0.0277	0.0577		pCi/L	Y	—	NQ	12-1572	CAWR-12-23452	GELC
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.197	0.025	0.04		pCi/L	Y	—	NQ	12-95	CAWR-11-28048	GELC
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.893	0.079	0.025		pCi/L	Y	—	NQ	10-4823	CAWR-10-25398	GELC
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.02	0.045		pCi/L	Y	—	NQ	10-52	CAWR-09-12567	GELC
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.289	0.064	0.24		pCi/L	Y	—	NQ	09-21	CAWR-08-15539	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.98	—	—	1	µg/L	Y	—	NQ	12-1572	CAWR-12-23480	GELC
Spring 9A	—	10/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.24	—	—	1	µg/L	Y	—	NQ	12-95	CAWR-11-28049	GELC
Spring 9A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.44	—	—	1	µg/L	Y	—	NQ	10-4822	CAWR-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.31	—	—	1	µg/L	Y	—	J	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.2	—	—	1	µg/L	Y	—	NQ	09-20	CAWR-08-15540	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Levels

Sample Type	Zone	Location	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Uncertainty	Minimum Detectable Activity	Unit	Dilution Factor	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
WG[a]	Regional Spring	La Mesita Spring	10/02/12	RAD[b]	Gross alpha	GROSSA	UF[c]	INIT[d]	REG[e]	Y[f]	10.8	—[g]	1.82	2.49	pCi/L	1	NQ[h]	NQ	Y	EPA:900	GELC[i]	15	EPA MCL[j]	0.72
WG	Regional Spring	Spring 2	09/24/12	Metals	Arsenic	As	F[k]	INIT	REG	Y	10.7	1.7	—	—	µg/L	1	NQ	NQ	Y	SW-846:6020	GELC	10	EPA MCL	1.07
WG	Regional Spring	Spring 2	09/24/12	Metals	Manganese	Mn	F	INIT	REG	Y	203	2	—	—	µg/L	1	NQ	NQ	Y	SW-846:6010B	GELC	200	NMWQCC GW STD[l]	1.02
WS[m]	—	Frijoles at Rio Grande	09/26/12	RAD	Gross alpha	GROSSA	UF	INIT	REG	Y	18.8	—	2.73	2.99	pCi/L	1	J[n]	R10[o]	Y	EPA:900	GELC	15	NMWQCC LVSTK WTR STD[p]	1.25

[a] WG = Groundwater.

[b] RAD = Radioactivity.

[c] UF = Unfiltered.

[d] INIT = Initial.

[e] REG = Regular.

[f] Y = Yes.

[g] — = None.

[h] NQ = Not qualified.

[i] GELC = General Engineering Laboratories, Inc., Charleston, SC.

[j] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.

[k] F = Filtered.

[l] NMWQCC GW STD = New Mexico Water Quality Control Commission groundwater standard.

[m] WS = Base flow.

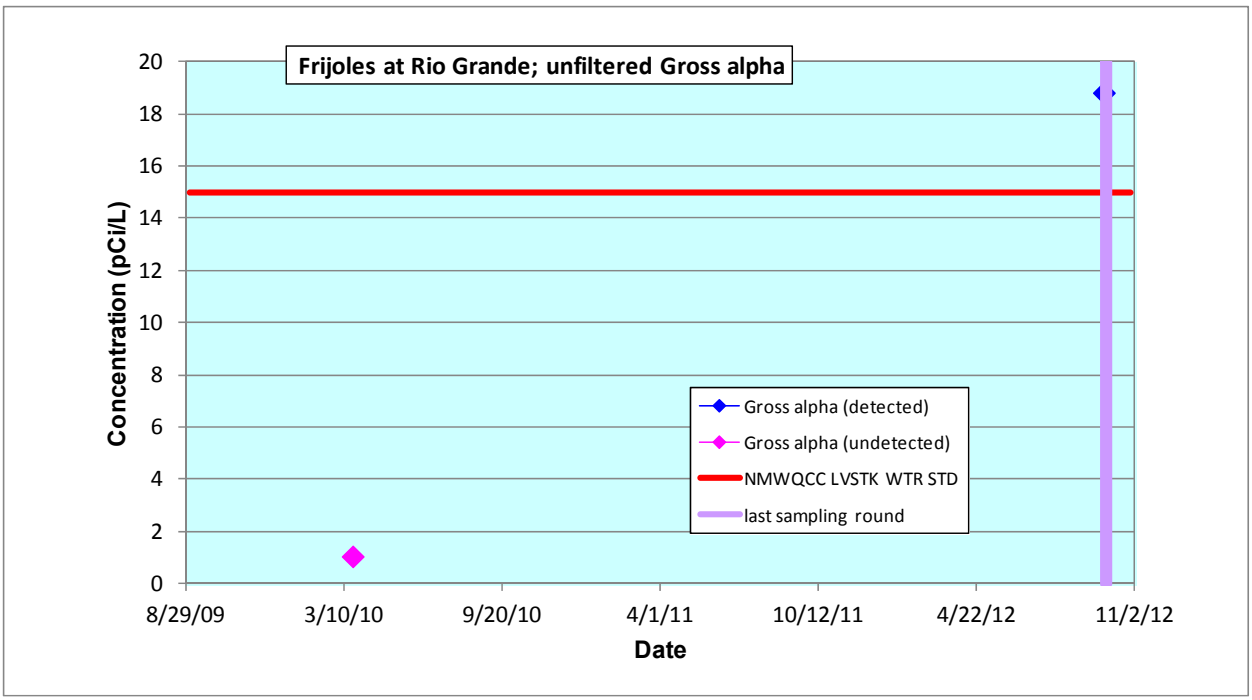
[n] J = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.

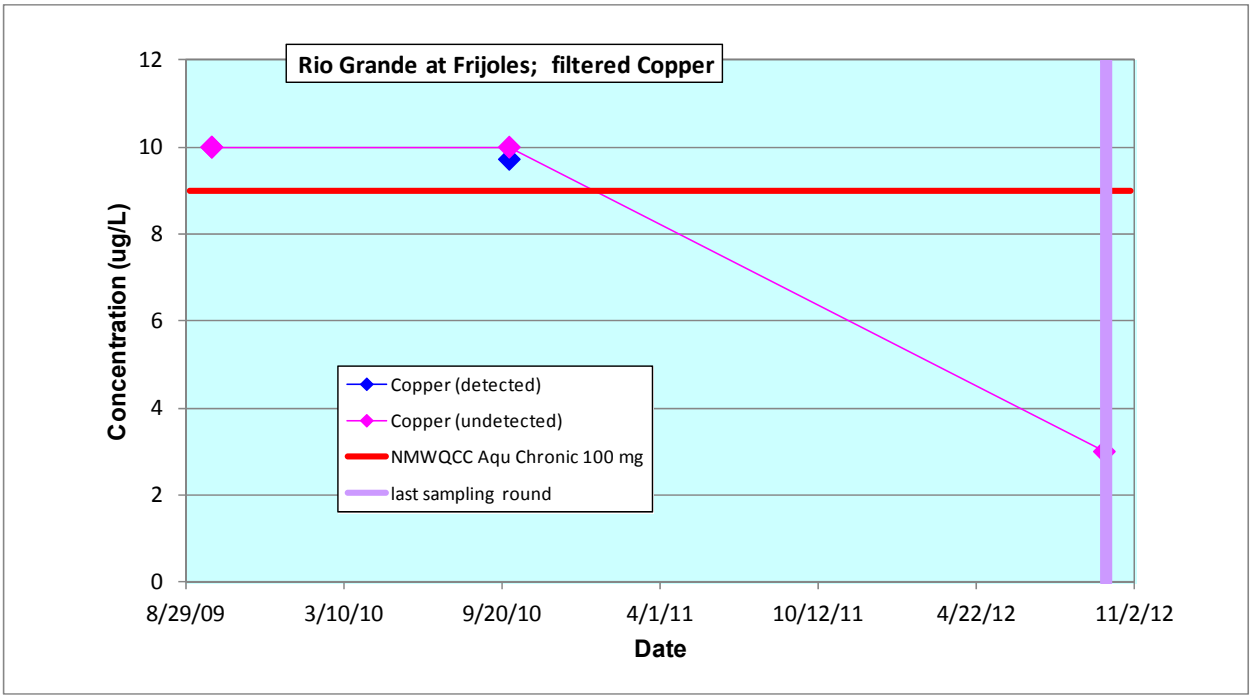
[o] R10 = Associated duplicate sample has duplicate error ratrio or relative error ration greater than the analytical laboratory's acceptance limits.

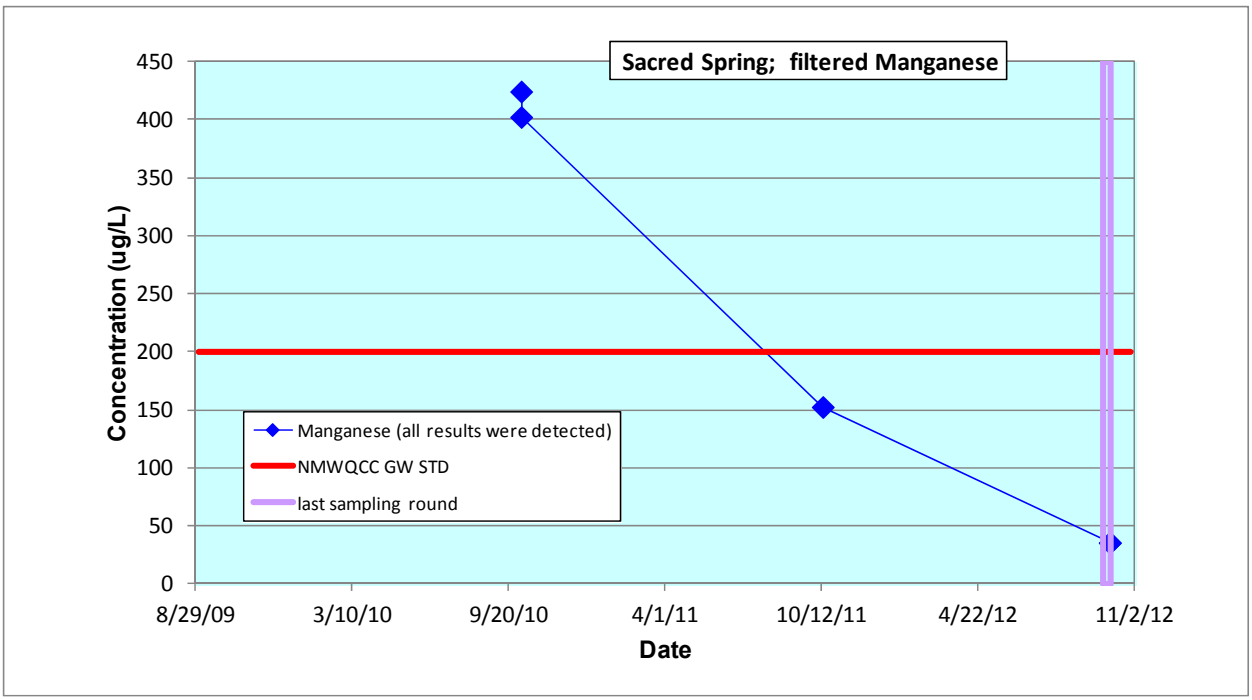
[p] NMWQCC LVSTK WTR STD = New Mexico Water Quality Control Commission livestock watering standard.

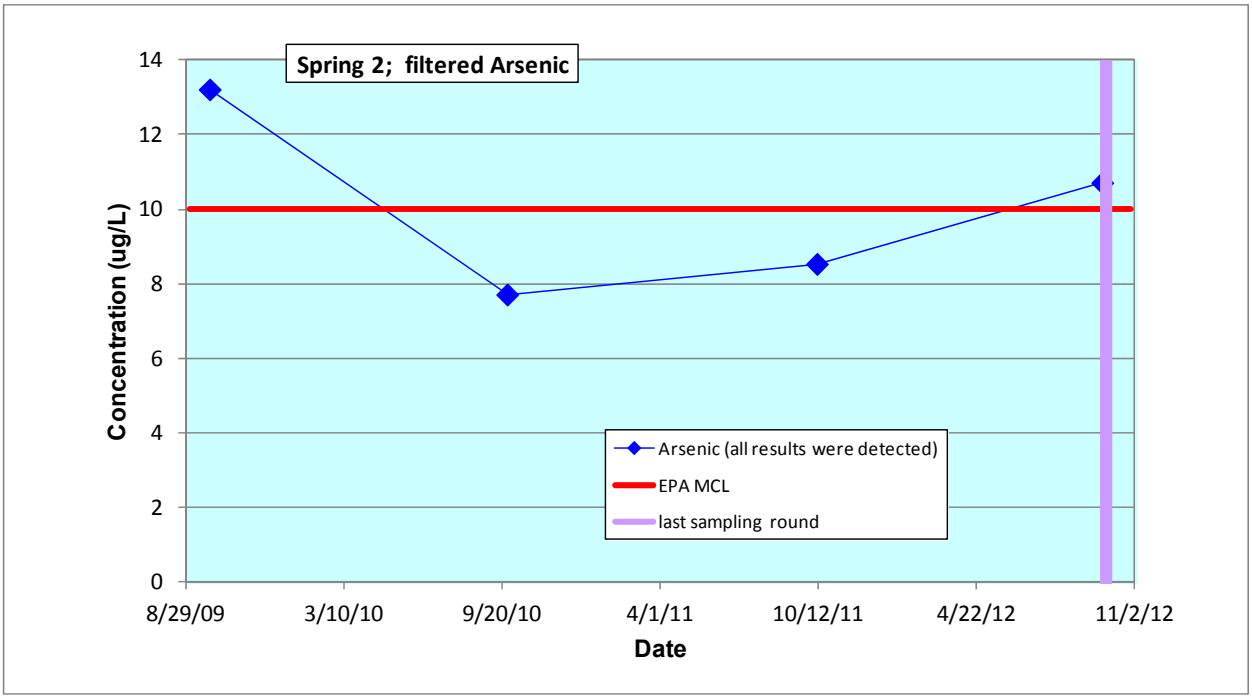
Appendix E

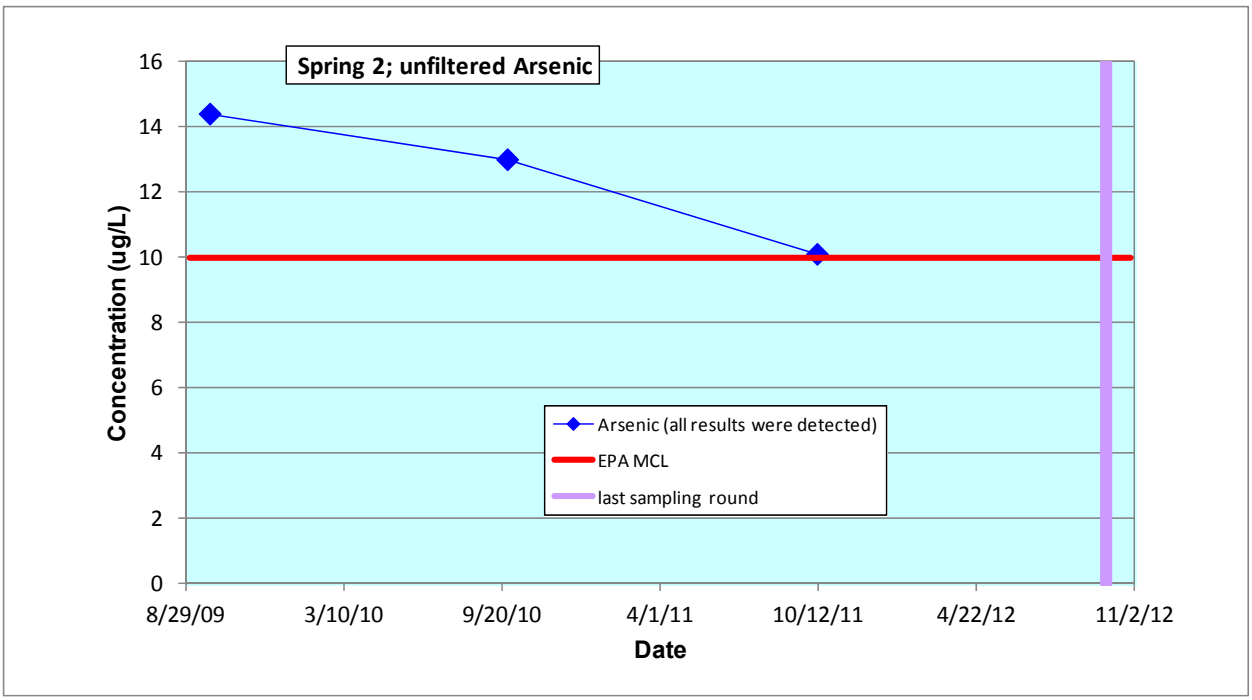
Analytical Chemistry Graphs of Screening-Level Exceedances

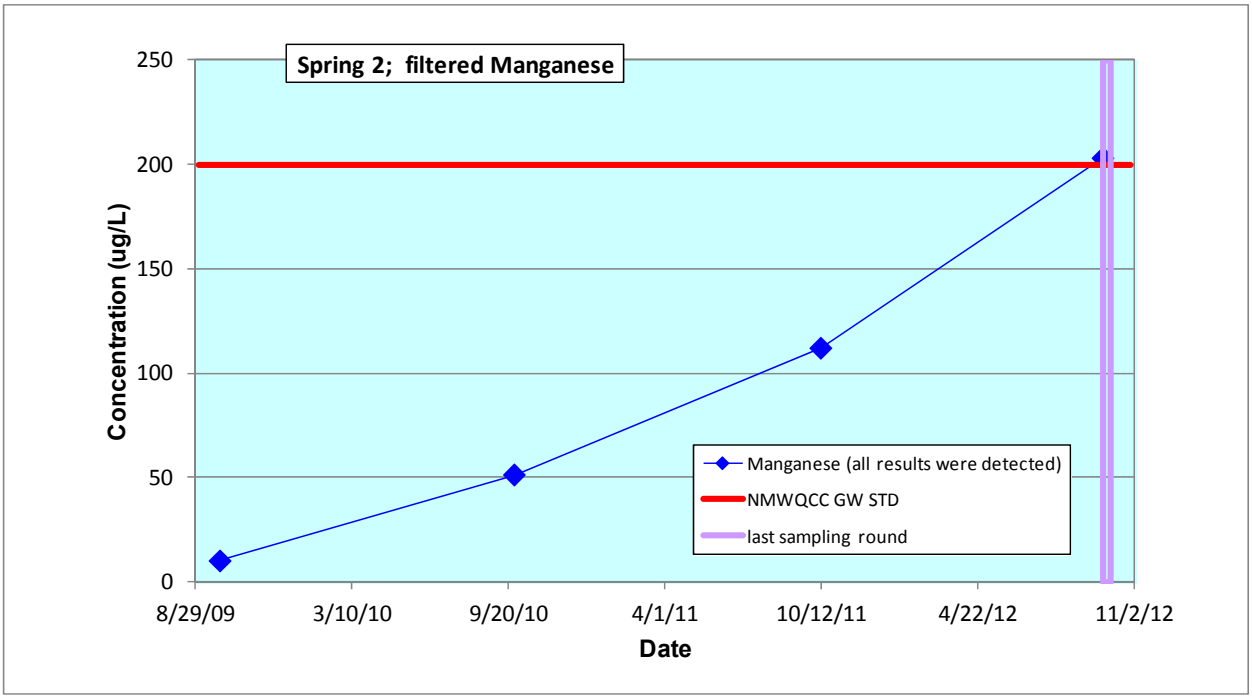

Frijoles at Rio Grande; unfiltered Gross alpha
Concentration (pCi/L)
20
18
16
14
12
10
8
6
4
2
0
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date
Gross alpha (detected)
Gross alpha (undetected)
NMWQCC LVSTK WTR STD
last sampling round

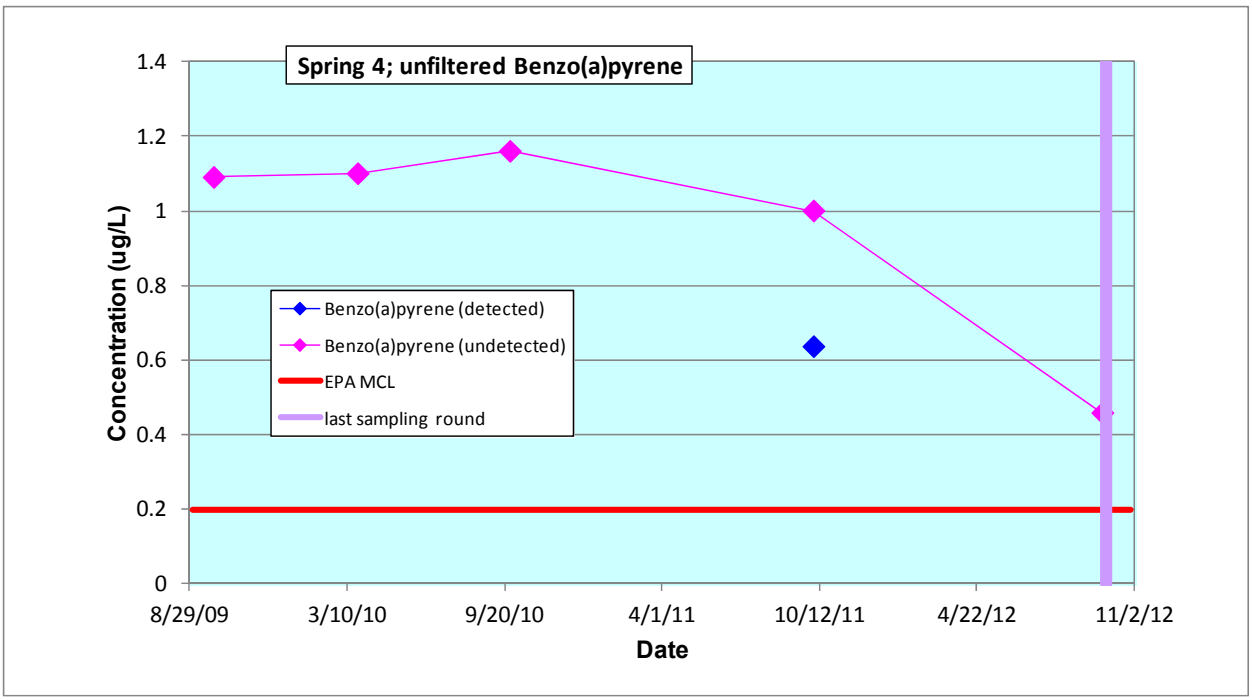

Rio Grande at Frijoles; filtered Copper
Concentration (ug/L)
12
10
8
6
4
2
0
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date
Copper (detected)
Copper (undetected)
NMWQCC Aqu Chronic 100 mg
last sampling round

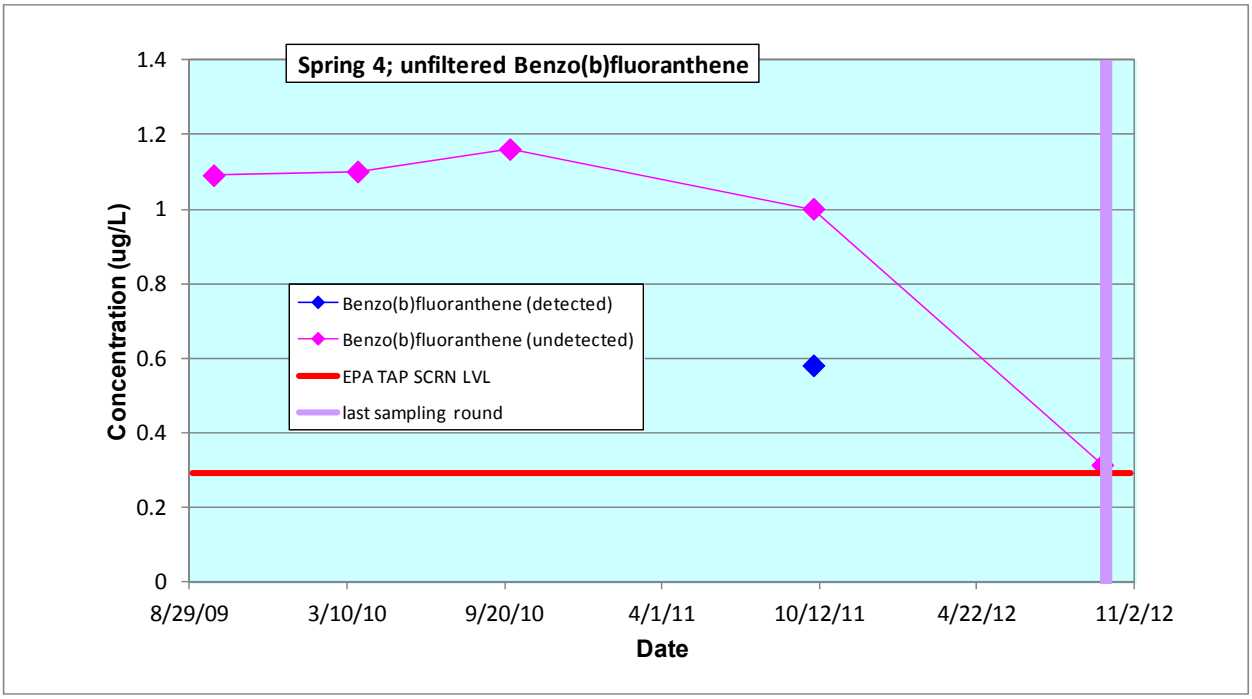

Sacred Spring; filtered Manganese
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date
Manganese (all results were detected)
NMWQCC GW STD
last sampling round

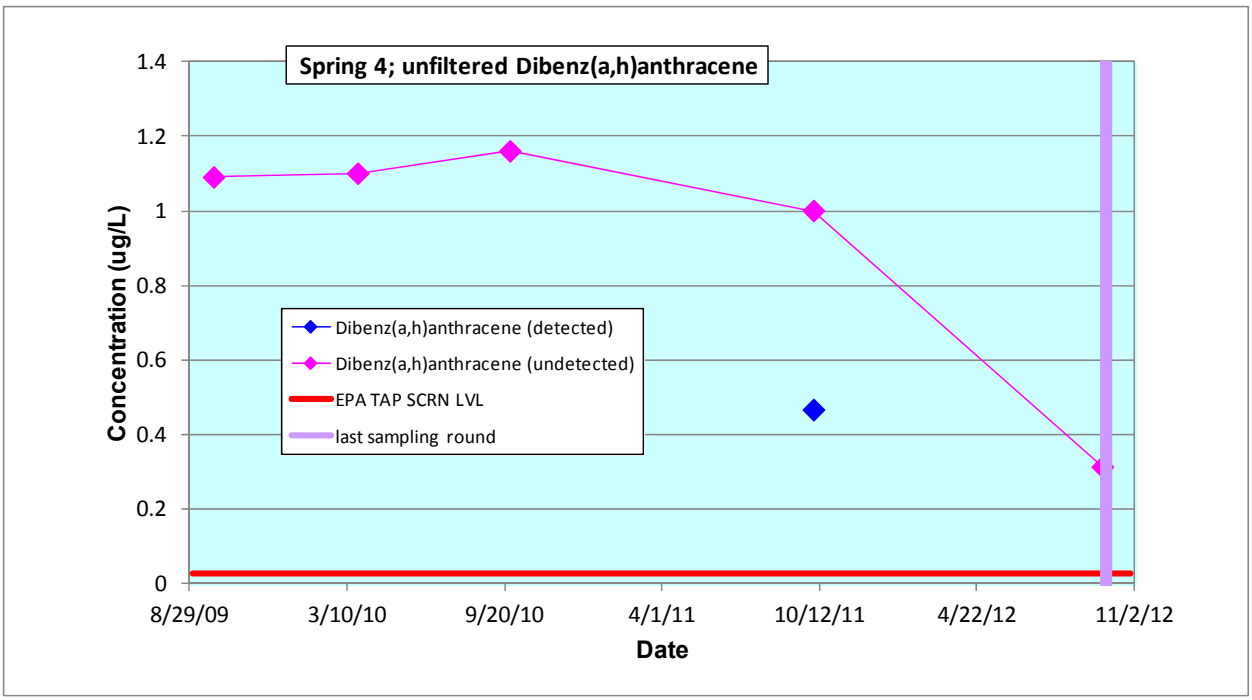

Spring 2; filtered Arsenic
Concentration (ug/L)
14
12
10
8
6
4
2
0
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date
Arsenic (all results were detected)
EPA MCL
last sampling round

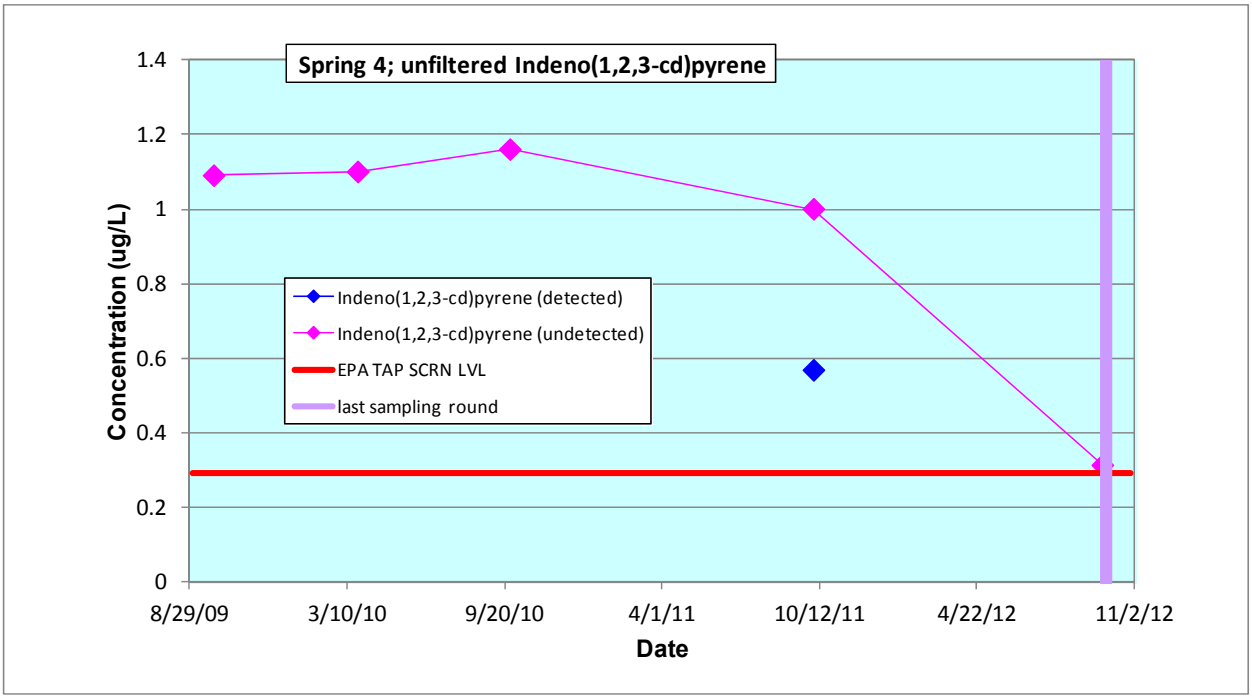

Spring 2; unfiltered Arsenic
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date
Arsenic (all results were detected)
EPA MCL
last sampling round


Spring 2; filtered Manganese
Concentration (ug/L)
250
200
150
100
50
0
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date
Manganese (all results were detected)
NMWQCC GW STD
last sampling round


Spring 4; unfiltered Benzo(a)pyrene
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Benzo(a)pyrene (detected)
Benzo(a)pyrene (undetected)
EPA MCL
last sampling round
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date


Spring 4; unfiltered Benzo(b)fluoranthene
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Benzo(b)fluoranthene (detected)
Benzo(b)fluoranthene (undetected)
EPA TAP SCRN LVL
last sampling round
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date


Spring 4; unfiltered Dibenz(a,h)anthracene
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Dibenz(a,h)anthracene (detected)
Dibenz(a,h)anthracene (undetected)
EPA TAP SCRN LVL
last sampling round
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date


Spring 4; unfiltered Indeno(1,2,3-cd)pyrene
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Indeno(1,2,3-cd)pyrene (detected)
Indeno(1,2,3-cd)pyrene (undetected)
EPA TAP SCRN LVL
last sampling round
8/29/09
3/10/10
9/20/10
4/1/11
10/12/11
4/22/12
11/2/12
Date

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
12-1566	ORGANIC	GELC[a]	CAWR-12-23394	09/24/12	Spring 3	—[b]	—
12-1566	ORGANIC	GELC	CAWR-12-23381	09/24/12	Spring 3	—	—
12-1566	ORGANIC	GELC	CAWR-12-23392	09/24/12	Spring 1	—	—
12-1566	ORGANIC	GELC	CAWR-12-23395	09/24/12	Spring 3A	—	—
12-1566	ORGANIC	GELC	CAWR-12-23393	09/24/12	Spring 2	—	—
12-1566	ORGANIC	GELC	CAWR-12-23396	09/24/12	Spring 3AA	—	—
12-1566	ORGANIC	GELC	CAWR-12-23397	09/24/12	Spring 4	—	—
12-1566	ORGANIC	GELC	CAWR-12-23398	09/24/12	Spring 4A	—	—
12-1566	ORGANIC	GELC	CAWR-12-23399	09/24/12	Spring 4AA	—	—
12-1567	ORGANIC	CFA[c]	CAWR-12-23381	09/24/12	Spring 3	—	—
12-1567	ORGANIC	CFA	CAWR-12-23397	09/24/12	Spring 4	—	—
12-1567	ORGANIC	CFA	CAWR-12-23394	09/24/12	Spring 3	—	—
12-1570	INORGANIC	GELC	CAWR-12-23454	09/25/12	Ancho at Rio Grande	—	—
12-1570	INORGANIC	GELC	CAWR-12-23470	09/24/12	Spring 4A	—	—
12-1570	INORGANIC	GELC	CAWR-12-23426	09/25/12	Ancho at Rio Grande	—	—
12-1570	INORGANIC	GELC	CAWR-12-23460	09/26/12	Rio Grande at Frijoles	—	—
12-1570	INORGANIC	GELC	CAWR-12-23442	09/24/12	Spring 4A	—	—
12-1570	INORGANIC	GELC	CAWR-12-23450	09/25/12	Spring 8A	—	—
12-1570	INORGANIC	GELC	CAWR-12-23478	09/25/12	Spring 8A	—	—
12-1570	INORGANIC	GELC	CAWR-12-23432	09/26/12	Rio Grande at Frijoles	—	—
12-1570	ORGANIC	GELC	CAWR-12-23426	09/25/12	Ancho at Rio Grande	—	—
12-1570	ORGANIC	GELC	CAWR-12-23432	09/26/12	Rio Grande at Frijoles	—	—
12-1570	ORGANIC	GELC	CAWR-12-23450	09/25/12	Spring 8A	—	—
12-1570	RAD[d]	GELC	CAWR-12-23426	09/25/12	Ancho at Rio Grande	—	—
12-1570	RAD	GELC	CAWR-12-23442	09/24/12	Spring 4A	—	—
12-1570	RAD	GELC	CAWR-12-23450	09/25/12	Spring 8A	—	—
12-1570	RAD	GELC	CAWR-12-23432	09/26/12	Rio Grande at Frijoles	—	—
12-1571	INORGANIC	GELC	CAWR-12-23455	09/25/12	Ancho Spring	—	—
12-1571	INORGANIC	GELC	CAWR-12-23471	09/24/12	Spring 4AA	—	—
12-1571	INORGANIC	GELC	CAWR-12-23427	09/25/12	Ancho Spring	—	—
12-1571	INORGANIC	GELC	CAWR-12-23439	09/24/12	Spring 3A	—	—
12-1571	INORGANIC	GELC	CAWR-12-23472	09/25/12	Spring 4B	—	—
12-1571	INORGANIC	GELC	CAWR-12-23443	09/24/12	Spring 4AA	—	—
12-1571	INORGANIC	GELC	CAWR-12-23467	09/24/12	Spring 3A	—	—
12-1571	INORGANIC	GELC	CAWR-12-23444	09/25/12	Spring 4B	—	—
12-1571	ORGANIC	GELC	CAWR-12-23427	09/25/12	Ancho Spring	—	—
12-1571	ORGANIC	GELC	CAWR-12-23444	09/25/12	Spring 4B	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
12-1571	RAD	GELC	CAWR-12-23427	09/25/12	Ancho Spring	—	—
12-1571	RAD	GELC	CAWR-12-23439	09/24/12	Spring 3A	—	—
12-1571	RAD	GELC	CAWR-12-23443	09/24/12	Spring 4AA	—	—
12-1571	RAD	GELC	CAWR-12-23444	09/25/12	Spring 4B	—	—
12-1572	INORGANIC	GELC	CAWR-12-23451	09/25/12	Spring 9	—	—
12-1572	INORGANIC	GELC	CAWR-12-23468	09/24/12	Spring 3AA	—	—
12-1572	INORGANIC	GELC	CAWR-12-23452	09/26/12	Spring 9A	—	—
12-1572	INORGANIC	GELC	CAWR-12-23440	09/24/12	Spring 3AA	—	—
12-1572	INORGANIC	GELC	CAWR-12-23479	09/25/12	Spring 9	—	—
12-1572	INORGANIC	GELC	CAWR-12-23480	09/26/12	Spring 9A	—	—
12-1572	ORGANIC	GELC	CAWR-12-23451	09/25/12	Spring 9	—	—
12-1572	ORGANIC	GELC	CAWR-12-23452	09/26/12	Spring 9A	—	—
12-1572	RAD	GELC	CAWR-12-23451	09/25/12	Spring 9	—	—
12-1572	RAD	GELC	CAWR-12-23452	09/26/12	Spring 9A	—	—
12-1572	RAD	GELC	CAWR-12-23440	09/24/12	Spring 3AA	—	—
12-1572	RAD	GELC	CAWR-12-23431	09/24/12	Pajarito at Rio Grande	—	—
12-1573	INORGANIC	GELC	CAWR-12-23428	09/26/12	Frijoles at Rio Grande	—	—
12-1573	INORGANIC	GELC	CAWR-12-23456	09/26/12	Frijoles at Rio Grande	—	—
12-1573	INORGANIC	GELC	CAWR-12-23436	09/24/12	Spring 1	—	—
12-1573	INORGANIC	GELC	CAWR-12-23437	09/24/12	Spring 2	—	—
12-1573	INORGANIC	GELC	CAWR-12-23449	09/25/12	Spring 6A	—	—
12-1573	INORGANIC	GELC	CAWR-12-23464	09/24/12	Spring 1	—	—
12-1573	INORGANIC	GELC	CAWR-12-23465	09/24/12	Spring 2	—	—
12-1573	INORGANIC	GELC	CAWR-12-23477	09/25/12	Spring 6A	—	—
12-1573	ORGANIC	GELC	CAWR-12-23428	09/26/12	Frijoles at Rio Grande	—	—
12-1573	ORGANIC	GELC	CAWR-12-23449	09/25/12	Spring 6A	—	—
12-1573	RAD	GELC	CAWR-12-23428	09/26/12	Frijoles at Rio Grande	—	—
12-1573	RAD	GELC	CAWR-12-23436	09/24/12	Spring 1	—	—
12-1573	RAD	GELC	CAWR-12-23437	09/24/12	Spring 2	—	—
12-1573	RAD	GELC	CAWR-12-23449	09/25/12	Spring 6A	—	—
12-1574	INORGANIC	GELC	CAWR-12-23446	09/25/12	Spring 5A	—	—
12-1574	INORGANIC	GELC	CAWR-12-23447	09/25/12	Spring 5B	—	—
12-1574	INORGANIC	GELC	CAWR-12-23448	09/25/12	Spring 6	—	—
12-1574	INORGANIC	GELC	CAWR-12-23473	09/25/12	Spring 5	—	—
12-1574	INORGANIC	GELC	CAWR-12-23474	09/25/12	Spring 5A	—	—
12-1574	INORGANIC	GELC	CAWR-12-23475	09/25/12	Spring 5B	—	—
12-1574	INORGANIC	GELC	CAWR-12-23476	09/25/12	Spring 6	—	—
12-1574	INORGANIC	GELC	CAWR-12-23445	09/25/12	Spring 5	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
12-1574	ORGANIC	GELC	CAWR-12-23446	09/25/12	Spring 5A	—	—
12-1574	ORGANIC	GELC	CAWR-12-23447	09/25/12	Spring 5B	—	—
12-1574	ORGANIC	GELC	CAWR-12-23448	09/25/12	Spring 6	—	—
12-1574	ORGANIC	GELC	CAWR-12-23445	09/25/12	Spring 5	—	—
12-1574	RAD	GELC	CAWR-12-23446	09/25/12	Spring 5A	—	—
12-1574	RAD	GELC	CAWR-12-23447	09/25/12	Spring 5B	—	—
12-1574	RAD	GELC	CAWR-12-23448	09/25/12	Spring 6	—	—
12-1574	RAD	GELC	CAWR-12-23445	09/25/12	Spring 5	—	—
12-1575	INORGANIC	GELC	CAWR-12-23404	09/24/12	Spring 3	—	—
12-1575	INORGANIC	GELC	CAWR-12-23469	09/24/12	Spring 4	—	—
12-1575	INORGANIC	GELC	CAWR-12-23407	09/24/12	Spring 3	—	—
12-1575	INORGANIC	GELC	CAWR-12-23438	09/24/12	Spring 3	—	—
12-1575	INORGANIC	GELC	CAWR-12-23441	09/24/12	Spring 4	—	—
12-1575	INORGANIC	GELC	CAWR-12-23466	09/24/12	Spring 3	—	—
12-1575	RAD	GELC	CAWR-12-23404	09/24/12	Spring 3	—	—
12-1575	RAD	GELC	CAWR-12-23438	09/24/12	Spring 3	—	—
12-1575	RAD	GELC	CAWR-12-23441	09/24/12	Spring 4	—	—
12-1577	ORGANIC	CFA	CAWR-12-23426	09/25/12	Ancho at Rio Grande	—	—
12-1577	ORGANIC	CFA	CAWR-12-23428	09/26/12	Frijoles at Rio Grande	—	—
12-1577	ORGANIC	CFA	CAWR-12-23432	09/26/12	Rio Grande at Frijoles	—	—
2013-23	INORGANIC	GELC	CAWR-12-23402	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-23	INORGANIC	GELC	CAWR-12-23433	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-23	INORGANIC	GELC	CAWR-12-23405	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-23	INORGANIC	GELC	CAWR-12-23457	10/02/12	La Mesita Spring	—	—
2013-23	INORGANIC	GELC	CAWR-12-23461	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-23	INORGANIC	GELC	CAWR-12-23429	10/02/12	La Mesita Spring	—	—
2013-23	ORGANIC	GELC	CAWR-12-23402	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-23	ORGANIC	GELC	CAWR-12-23433	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-23	ORGANIC	GELC	CAWR-12-23429	10/02/12	La Mesita Spring	—	—
2013-23	RAD	GELC	CAWR-12-23402	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-23	RAD	GELC	CAWR-12-23433	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-23	RAD	GELC	CAWR-12-23429	10/02/12	La Mesita Spring	—	—
2013-24	ORGANIC	CFA	CAWR-12-23402	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-24	ORGANIC	CFA	CAWR-12-23433	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-25	RAD	ARSL[e]	CAWR-12-23433	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-25	RAD	ARSL	CAWR-12-23429	10/02/12	La Mesita Spring	—	—
2013-25	RAD	ARSL	CAWR-12-23402	10/02/12	Rio Grande at Otowi Bridge	—	—
2013-29	RAD	ARSL	CAWR-12-23403	10/03/12	Sacred Spring	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2013-29	RAD	ARSL	CAWR-12-23434	10/03/12	Sacred Spring	—	—
2013-36	INORGANIC	GELC	CAWR-12-23403	10/03/12	Sacred Spring	—	—
2013-36	INORGANIC	GELC	CAWR-12-23406	10/03/12	Sacred Spring	—	—
2013-36	INORGANIC	GELC	CAWR-12-23434	10/03/12	Sacred Spring	—	—
2013-36	INORGANIC	GELC	CAWR-12-23462	10/03/12	Sacred Spring	—	—
2013-36	ORGANIC	GELC	CAWR-12-23403	10/03/12	Sacred Spring	—	—
2013-36	ORGANIC	GELC	CAWR-12-23434	10/03/12	Sacred Spring	—	—
2013-36	RAD	GELC	CAWR-12-23403	10/03/12	Sacred Spring	—	—
2013-36	RAD	GELC	CAWR-12-23434	10/03/12	Sacred Spring	—	—
2013-8	RAD	ARSL	CAWR-12-23427	09/25/12	Ancho Spring	—	—
2013-8	RAD	ARSL	CAWR-12-23436	09/24/12	Spring 1	—	—
2013-8	RAD	ARSL	CAWR-12-23437	09/24/12	Spring 2	—	—

[a] GELC = General Engineering Laboratories, Inc., Charleston, SC.

[b] — = Not applicable.

[c] CFA = Cape Fear Analytical, LLC.

[d] RAD = Radiochemistry (not gamma).

[e] ARSL = American Radiation Services, Inc.