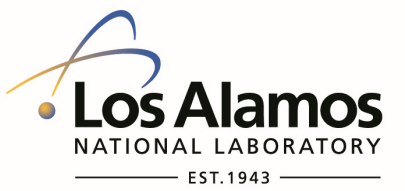
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Periodic Monitoring Report for White Rock Canyon General Surveillance Monitoring Group, September 29–October 30, 2014



Prepared by the Environmental Programs Directorate

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EP2015-0017

Periodic Monitoring Report for White Rock Canyon General Surveillance Monitoring Group, September 29–October 30, 2014

February 2015

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2015, first quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the White Rock Canyon General Surveillance monitoring group. This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from September 29 to October 30, 2014, and included the monitoring of springs and base-flow locations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of a PME are also included in this report.

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. For surface-water samples collected during this PME, no results were above screening levels.

No results from previous sampling of PME groundwater monitoring locations are reported in this PMR. No results from groundwater samples collected during this PME and reported in this PMR were above screening levels.

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Acronyms and Abbreviations

AOC	area of concern
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations (U.S.)
cfs	cubic feet per second
Consent Order	Compliance Order on Consent
DCS	Derived Concentration Technical Standard (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
ESH	Environment, Safety, and Health (Directorate)
gpm	gallons per minute
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDL	method detection limit
N	no (best value flag code)
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NM HH OO	Human health organism only, New Mexico surface-water standards
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
PQL	practical quantitation limit
QC	quality control
SOP	standard operating procedure
SWMU	solid waste management unit
TA	technical area
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of fiscal year 2015, 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. Monitoring was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015 (2015 IFGMP) (LANL 2014, 256728), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from September 29 to October 30, 2014, and included sampling of springs and base-flow locations.

This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of a PME are also included in this report.

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 2015 IFGMP (LANL 2014, 256728) 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. A total of 60 solid waste management units (SWMUs) and areas of concern (AOCs) are located within TA-33. To the north of TA-33 lies TA-70, a buffer area where no Laboratory activities have occurred. There are no SWMUs or AOCs within TA-70. 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 2015 IFGMP (LANL 2014, 256728).

Table 2.0-1 provides the location name, sample collection date, screened interval, top and bottom screen depths, casing volume, purge volume, and purge rate for each of the locations scheduled to be monitored. These locations are shown in Figure 2.0-1. Some locations on this map may not have been sampled.

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 2015 IFGMP (LANL 2014, 256728).

3.2 Field Parameter Results

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

3.3 Groundwater Elevations

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. No data are included in this report for the San Ildefonso Pueblo locations listed in Table 3.4-1. Per DOE's memorandum of agreement with the pueblo, the report must be reviewed prior to being released. A separate report will be submitted following review by San Ildefonso Pueblo.

Table 3.4-2 presents a list of analytes for which the method detection limits (MDLs) are greater than screening levels. Some of the analytes were measured using more than one analytical method or

analytical laboratory, leading to a range of MDLs. For some of these analytes, the MDL is much lower than for earlier analyses. Table 3.4-3 presents a list of analytes for which the MDLs are now below screening levels. The tables apply to the results with the lowest MDL, so the analytical method and analytical laboratory are included in the tables for reference.

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 2015 IFGMP (LANL 2014, 256728). 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-010.3, Land Application of Groundwater. ENV-RCRA-QP-010.3 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 listed at http://www.lanl.gov/community-environment/environmental-stewardship/plans-procedures.php and are available at eprr.lanl.gov. 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 blanks, 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. This report was prepared using the November 2014 EPA regional screening levels.
- 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 Technical Standards (DCSs) 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. No results reported in this PMR were greater than screening levels, so no results are included in Table 4.2-3.

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. Appendix E contains all locations where screening levels were exceeded, not just those scheduled to be sampled during this PME. 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. No results from surface-water samples collected during this PME were above screening levels.

4.2.2 Groundwater

No results from previous PME groundwater samples are reported in this PMR. No results from groundwater samples collected during this PME and reported in this PMR were above screening levels (Table 4.2-3).

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the White Rock Canyon 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 surface-water results from previous PME surface-water samples are reported in this PMR. For surface-water samples collected during this PME, no results were above screening levels.

5.2.2 Groundwater

No results from previous sampling of PME groundwater monitoring locations are reported in this PMR. No results from groundwater samples collected during this PME and reported in this PMR were above screening levels (Table 4.2-3).

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 or ESH ID. This information is also included in text citations. ER IDs were assigned by the Environmental Programs Directorate's Records Processing Facility (IDs through 599999), and ESH IDs are assigned by the Environment, Safety, and Health (ESH) Directorate (IDs 600000 and above). IDs are used to locate documents in the Laboratory's Electronic Document Management System and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the ESH 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), May 2014. "Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015," Los Alamos National Laboratory document LA-UR-14-23327, Los Alamos, New Mexico. (LANL 2014, 256728)

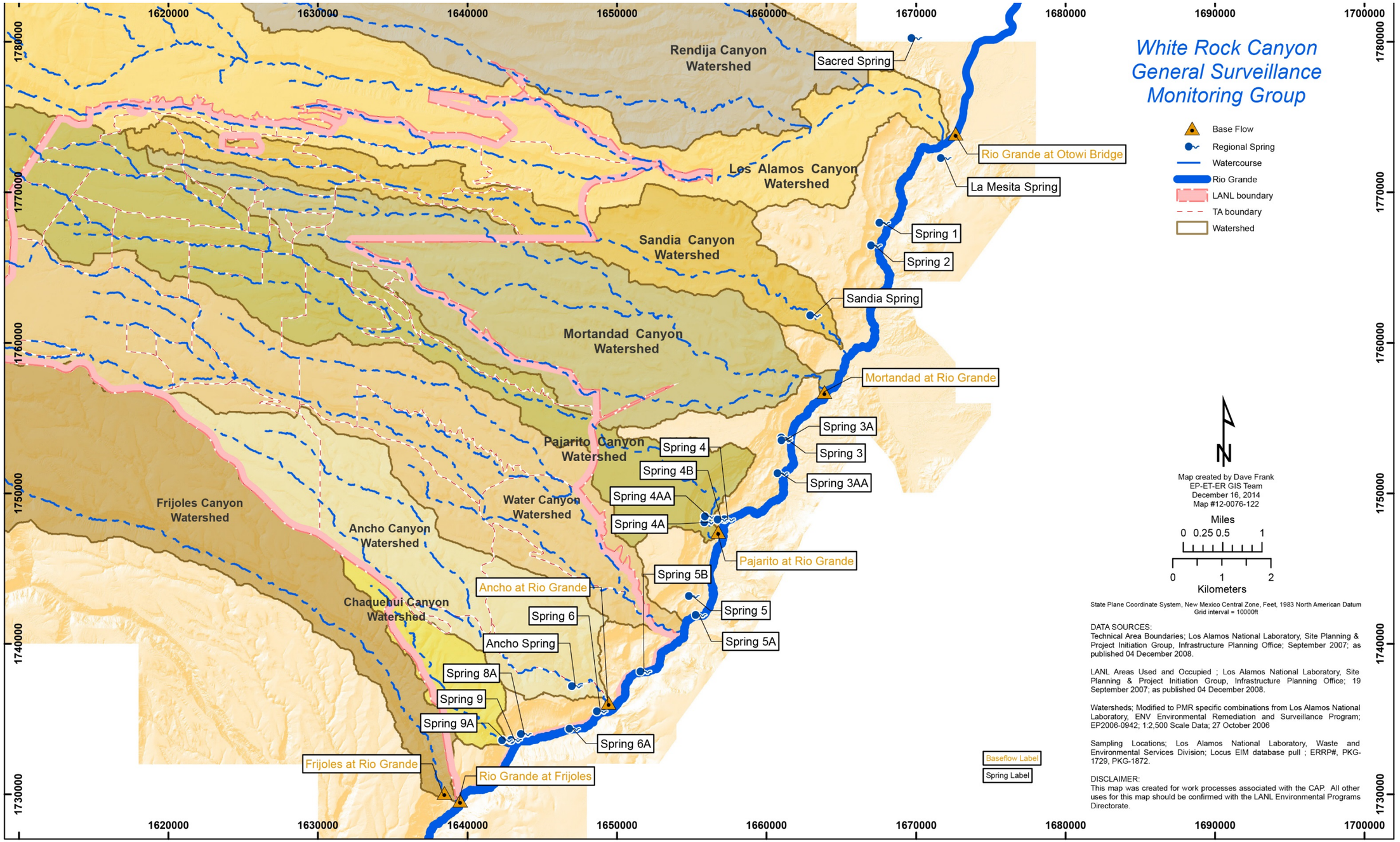


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 3.4-1).

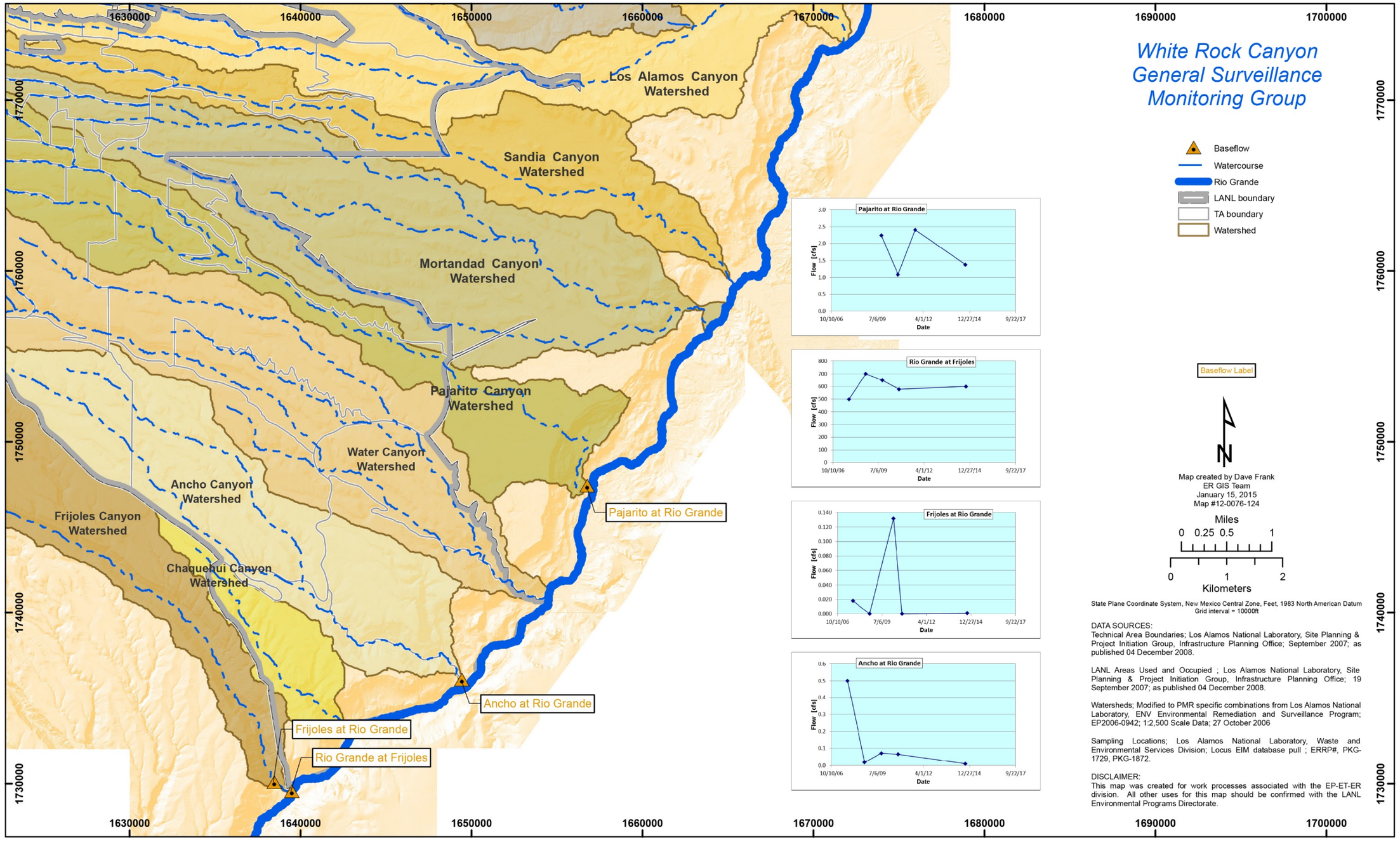


Figure 3.3-1 Base-flow measurements

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	09/30/14	4.50
Frijoles at Rio Grande	10/01/14	0.36
Mortandad at Rio Grande	n/a[b]	n/a
Pajarito at Rio Grande	09/29/14	619.30
Rio Grande at Frijoles	10/01/14	269,298
Rio Grande at Otowi Bridge	10/06/14	291,740
Rio Grande at Otowi Bridge	10/30/14	268,850
Springs		
Ancho Spring	09/30/14	4.50
La Mesita Spring	10/06/14	n/a
La Mesita Spring	10/29/14	n/a
Sacred Spring	10/30/14	n/a
Sandia Spring	n/a	n/a
Spring 1	09/29/14	n/a
Spring 2	09/29/14	n/a
Spring 2	10/29/14	n/a
Spring 3	09/29/14	3.60
Spring 3A	09/29/14	28.30
Spring 3AA	09/29/14	0.05
Spring 4	09/29/14	46.70
Spring 4A	09/30/14	5.80
Spring 4AA	09/30/14	5.80
Spring 4B	09/30/14	1.00
Spring 5	09/30/14	5.80
Spring 5A	n/a	n/a
Spring 5B	n/a	n/a
Spring 6	10/01/14	11.50
Spring 6A	10/01/14	n/a
Spring 8A	10/01/14	3.20
Spring 9	10/01/14	70.27
Spring 9A	10/01/14	5.80

[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
Mortandad at Rio Grande, Rio Grande at Otowi Bridge, La Mesita Spring, Sacred Spring, Sandia Spring, Spring 1, Spring 2	No data are included in this report for these locations.	Per DOE's memorandum of agreement with San Ildefonso Pueblo, the report must be reviewed before being released.	A separate report will be submitted following review by San Ildefonso Pueblo.
La Mesita Spring, Rio Grande at Otowi Bridge, Spring 2	Two visits were required to collect samples.	Incomplete samples were collected at initial visit because of late completion of the sampling agreement with Pueblo de San Ildefonso.	n/a*
Spring 5A, Spring 5B	No data are included in this report for these locations.	The spring source adjacent to the edge of the Rio Grande was underwater, so no sample was collected.	The locations will be sampled during the next scheduled PME.
Spring 6A	The spring flow was not measured at this location.	Flow rate was insufficient for measurement.	The location will be sampled during the next scheduled PME.

*n/a = Not applicable.

Table 3.4-2
Analytes with MDLs above Screening Levels

CAS[a] No.	Analyte Name	MDL	PQL[b]	Screening Level	Unit	Screening-Level Type	Analytical Method	Analytical Lab
Semivolatile Organic Compounds								
92-87-5	Benzidine	3.75	9.61	0.0011	µg/L	EPA Regional Tap	SW-846:8270D	GELC[c]
111-44-4	Bis(2-chloroethyl)ether	0.63	5.23	0.14	µg/L	EPA Regional Tap	SW-846:8270D	SHEALY[d]
91-94-1	Dichlorobenzidine[3,3'-]	2.88	9.61	0.28	µg/L	NM HH OO[e]	SW-846:8270D	GELC
534-52-1	Dinitro-2-methylphenol[4,6-]	1.57	26.04	1.5	µg/L	EPA Regional Tap	SW-846:8270D	SHEALY
118-74-1	Hexachlorobenzene	0.52	5.23	0.0029	µg/L	NM HH OO	SW-846:8270D	SHEALY
55-18-5	Nitrosodiethylamine[N-]	2.88	9.61	0.0017	µg/L	EPA Regional Tap	SW-846:8270D	GELC
62-75-9	Nitrosodimethylamine[N-]	0.73	5.23	0.0049	µg/L	EPA Regional Tap	SW-846:8270D	SHEALY
924-16-3	Nitroso-di-n-butylamine[N-]	1.46	5.23	0.027	µg/L	EPA Regional Tap	SW-846:8270D	SHEALY
621-64-7	Nitroso-di-n-propylamine[N-]	0.42	5.23	0.11	µg/L	EPA Regional Tap	SW-846:8270D	SHEALY
930-55-2	Nitrosopyrrolidine[N-]	2.19	5.23	0.37	µg/L	EPA Regional Tap	SW-846:8270D	SHEALY

Table 3.4-2 (continued)

CAS[a] No.	Analyte Name	MDL	PQL[b]	Screening Level	Unit	Screening-Level Type	Analytical Method	Analytical Lab
Volatile Organic Compounds								
107-02-8	Acrolein	1.50	5.00	0.042	µg/L	EPA Regional Tap	SW-846:8260B	GELC
107-13-1	Acrylonitrile	1.03	5.00	0.52	µg/L	EPA Regional Tap	SW-846:8260B	GELC
126-99-8	Chloro-1,3-butadiene[2-]	0.21	1.00	0.19	µg/L	EPA Regional Tap	SW-846:8260B	GELC
96-18-4	Trichloropropane[1,2,3-]	0.30	1.00	0.0075	µg/L	EPA Regional Tap	SW-846:8260B	GELC

Note: This table is applicable to samples reported in this PMR.

[a] CAS = Chemical Abstracts Service.

[b] PQL = Practical quantitation limit.

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

[d] SHEALY = Shealy Environmental Services, Inc.

[e] NM HH OO = Human health organism only, New Mexico surface-water standards.

Table 3.4-3
Analytes with MDLs Now below Screening Levels

CAS[a] No.	Analyte Name	MDL	PQL[b]	Screening Level	Unit	Screening-Level Type	Analytical Method	Analytical Lab
Semivolatile Organic Compounds								
103-33-3	Azobenzene	0.73	5.23	1.2	µg/L	EPA Regional Tap	SW-846:8270D	SHEALY[c]
56-55-3	Benzo(a)anthracene	0.02	0.05	0.18	µg/L	NM HH OO[d]	SW-846:8310	GELC[e]
50-32-8	Benzo(a)pyrene	0.02	0.05	0.18	µg/L	NM HH OO	SW-846:8310	GELC
205-99-2	Benzo(b)fluoranthene	0.02	0.05	0.18	µg/L	NM HH OO	SW-846:8310	GELC
53-70-3	Dibenz(a,h)anthracene	0.02	0.05	0.034	µg/L	EPA Regional Tap	SW-846:8310	GELC
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	0.05	0.18	µg/L	NM HH OO	SW-846:8310	GELC
87-86-5	Pentachlorophenol	0.08	0.24	1	µg/L	EPA MCL	SW-846:8151A	GELC
Volatile Organic Compounds								
96-12-8	Dibromo-3-Chloropropane[1,2-]	0.01	0.02	0.2	µg/L	EPA MCL	SW-846:8011	GELC
106-93-4	Dibromoethane[1,2-]	0.01	0.02	0.05	µg/L	EPA MCL	SW-846:8011	GELC
126-98-7	Methacrylonitrile	1.03	5.00	1.9	µg/L	EPA Regional Tap	SW-846:8260B	GELC

Note: This table is applicable to samples reported in this PMR.

[a] CAS = Chemical Abstracts Service.

[b] PQL = Practical quantitation limit.

[c] SHEALY = Shealy Environmental Services, Inc.

[d] NM HH OO = Human health organism only, New Mexico surface-water standards.

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

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 458.1	DOE BCGs	n/a[a]	X[b]
DOE Order 458.1	DOE 100-mrem Public Dose DCS	X	n/a
DOE Order 458.1	DOE 4-mrem Drinking Water DCS	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	Ancho at Rio Grande	Ephemeral	50
White Rock	Mortandad at Rio Grande	Ephemeral	100
White Rock	Pajarito at Rio Grande	Ephemeral	70
White Rock	Frijoles at Rio Grande	Perennial	40
White Rock	Rio Grande at Frijoles	Perennial	100
White Rock	Rio Grande at Otowi Bridge	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
Regional Aquifer Springs							
n/a*	n/a	No results above screening levels for this PME	n/a	n/a	n/a	n/a	n/a

*n/a = Not applicable.

Appendix A

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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Ancho at Rio Grande	—[a]	09/30/14	WS[b]	Dissolved Oxygen	7.71	mg/L	CAWR-14-86888
Ancho at Rio Grande	—	09/25/12	WS	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	—	09/30/14	WS	Flow (in gpm[c])	4.5	gpm	CAWR-14-86888
Ancho at Rio Grande	—	09/28/10	WS	Flow (in gpm)	29	gpm	CAWR-10-25406
Ancho at Rio Grande	—	09/30/09	WS	Flow (in gpm)	32	gpm	CAWR-09-12577
Ancho at Rio Grande	—	09/30/08	WS	Flow (in gpm)	8	gpm	CAWR-08-15454
Ancho at Rio Grande	—	09/30/14	WS	pH	8.15	SU[d]	CAWR-14-86888
Ancho at Rio Grande	—	09/25/12	WS	pH	8.37	SU	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	—	09/30/14	WS	Specific Conductance	164	µS/cm	CAWR-14-86888
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	—	09/30/14	WS	Temperature	18.31	deg C	CAWR-14-86888
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	—	09/30/14	WS	Turbidity	8.6	NTU[e]	CAWR-14-86888
Ancho at Rio Grande	—	09/25/12	WS	Turbidity	1.48	NTU	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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Ancho Spring	—	09/30/14	WG[f]	Dissolved Oxygen	7.16	mg/L	CAWR-14-86891
Ancho Spring	—	09/30/14	WG	Dissolved Oxygen	1.39	mg/L	CAWR-14-86933
Ancho Spring	—	12/10/13	WG	Dissolved Oxygen	7.22	mg/L	CAWR-13-42144
Ancho Spring	—	09/25/12	WG	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
Ancho Spring	—	09/30/14	WG	Flow (in gpm)	4.5	gpm	CAWR-14-86891
Ancho Spring	—	09/30/14	WG	Flow (in gpm)	4.5	gpm	CAWR-14-86933
Ancho Spring	—	10/07/11	WG	Flow (in gpm)	2.03	gpm	CAWR-11-28027
Ancho Spring	—	09/28/10	WG	Flow (in gpm)	12	gpm	CAWR-10-25326
Ancho Spring	—	09/29/09	WG	Flow (in gpm)	20	gpm	CAWR-09-12539
Ancho Spring	—	09/30/08	WG	Flow (in gpm)	10	gpm	CAWR-08-15524
Ancho Spring	—	09/30/14	WG	pH	8.39	SU	CAWR-14-86891
Ancho Spring	—	09/30/14	WG	pH	8.39	SU	CAWR-14-86933
Ancho Spring	—	12/10/13	WG	pH	8.03	SU	CAWR-13-42144
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	—	09/30/14	WG	Specific Conductance	139	µS/cm	CAWR-14-86891
Ancho Spring	—	09/30/14	WG	Specific Conductance	139	µS/cm	CAWR-14-86933
Ancho Spring	—	12/10/13	WG	Specific Conductance	133	µS/cm	CAWR-13-42144
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	—	09/30/14	WG	Temperature	21.26	deg C	CAWR-14-86891
Ancho Spring	—	09/30/14	WG	Temperature	21.26	deg C	CAWR-14-86933
Ancho Spring	—	12/10/13	WG	Temperature	19.42	deg C	CAWR-13-42144
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Ancho Spring	—	09/28/10	WG	Temperature	21.31	deg C	CAWR-10-25326
Ancho Spring	—	09/30/14	WG	Turbidity	2.5	NTU	CAWR-14-86891
Ancho Spring	—	09/30/14	WG	Turbidity	2.5	NTU	CAWR-14-86933
Ancho Spring	—	12/10/13	WG	Turbidity	2	NTU	CAWR-13-42144
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
Frijoles at Rio Grande	—	10/01/14	WS	Dissolved Oxygen	7.51	mg/L	CAWR-14-86934
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[g]	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	—	10/01/14	WS	Flow (in gpm)	0.36	gpm	CAWR-14-86934
Frijoles at Rio Grande	—	03/22/10	WS	Flow (in gpm)	59.2	gpm	CAWR-10-14115
Frijoles at Rio Grande	—	10/01/14	WS	pH	8.52	SU	CAWR-14-86934
Frijoles at Rio Grande	—	09/26/12	WS	pH	8.56	SU	CAWR-12-23428
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	—	10/01/14	WS	Specific Conductance	323	µS/cm	CAWR-14-86934
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	—	10/01/14	WS	Temperature	21.93	deg C	CAWR-14-86934
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Frijoles at Rio Grande	—	10/01/14	WS	Turbidity	50.6	NTU	CAWR-14-86934
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
Pajarito at Rio Grande	—	09/29/14	WS	Dissolved Oxygen	7.36	mg/L	CAWR-14-86890
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	—	09/29/14	WS	Flow (in gpm)	619.3	gpm	CAWR-14-86890
Pajarito at Rio Grande	—	10/04/11	WS	Flow (in gpm)	1078	gpm	CAWR-11-27989
Pajarito at Rio Grande	—	09/27/10	WS	Flow (in gpm)	486	gpm	CAWR-10-25465
Pajarito at Rio Grande	—	09/30/09	WS	Flow (in gpm)	1006	gpm	CAWR-09-12588
Pajarito at Rio Grande	—	09/29/14	WS	pH	8.3	SU	CAWR-14-86890
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	—	09/29/14	WS	Specific Conductance	207	µS/cm	CAWR-14-86890
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
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	—	09/29/14	WS	Temperature	20.68	deg C	CAWR-14-86890
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Pajarito at Rio Grande	—	09/29/14	WS	Turbidity	7.5	NTU	CAWR-14-86890
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
Rio Grande at Frijoles	—	10/01/14	WS	Dissolved Oxygen	8.36	mg/L	CAWR-14-86938
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	—	10/01/14	WS	Flow (in gpm)	269298	gpm	CAWR-14-86938
Rio Grande at Frijoles	—	10/01/08	WS	Flow (in gpm)	314000	gpm	CAWR-08-15447
Rio Grande at Frijoles	—	10/01/14	WS	pH	8.05	SU	CAWR-14-86938
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	—	10/01/14	WS	Specific Conductance	335	µS/cm	CAWR-14-86938
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	—	10/01/14	WS	Temperature	16.62	deg C	CAWR-14-86938
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	—	10/01/14	WS	Turbidity	138.2	NTU	CAWR-14-86938
Rio Grande at Frijoles	—	09/26/12	WS	Turbidity	175	NTU	CAWR-12-23432

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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
Spring 3	—	09/29/14	WG	Dissolved Oxygen	6.86	mg/L	CAWR-14-86894
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
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	—	09/29/14	WG	Flow (in gpm)	3.6	gpm	CAWR-14-86894
Spring 3	—	09/27/10	WG	Flow (in gpm)	7	gpm	CAWR-10-25426
Spring 3	—	09/29/08	WG	Flow (in gpm)	1.5	gpm	CAWR-08-15484
Spring 3	—	04/23/08	WG	Flow (in gpm)	1.25	gpm	CAWR-08-12093
Spring 3	—	09/29/14	WG	pH	7.56	SU	CAWR-14-86894
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	—	09/29/14	WG	Specific Conductance	201	µS/cm	CAWR-14-86894
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	—	09/29/14	WG	Temperature	20.52	deg C	CAWR-14-86894
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	—	09/29/14	WG	Turbidity	6.8	NTU	CAWR-14-86894
Spring 3	—	09/24/12	WG	Turbidity	0.87	NTU	CAWR-12-23438

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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 3A	—	09/29/14	WG	Dissolved Oxygen	6.76	mg/L	CAWR-14-86895
Spring 3A	—	12/02/13	WG	Dissolved Oxygen	6.81	mg/L	CAWR-13-42151
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	—	09/29/14	WG	Flow (in gpm)	28.3	gpm	CAWR-14-86895
Spring 3A	—	10/03/11	WG	Flow (in gpm)	63.04	gpm	CAWR-11-28005
Spring 3A	—	09/27/10	WG	Flow (in gpm)	29	gpm	CAWR-10-25438
Spring 3A	—	09/28/09	WG	Flow (in gpm)	15.9	gpm	CAWR-09-12501
Spring 3A	—	09/29/08	WG	Flow (in gpm)	8.5	gpm	CAWR-08-15491
Spring 3A	—	09/29/14	WG	pH	7.48	SU	CAWR-14-86895
Spring 3A	—	12/02/13	WG	pH	7.8	SU	CAWR-13-42151
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	—	09/29/14	WG	Specific Conductance	198	µS/cm	CAWR-14-86895
Spring 3A	—	12/02/13	WG	Specific Conductance	204	µS/cm	CAWR-13-42151
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	—	09/29/14	WG	Temperature	20.44	deg C	CAWR-14-86895
Spring 3A	—	12/02/13	WG	Temperature	19.8	deg C	CAWR-13-42151
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	—	09/29/14	WG	Turbidity	2.5	NTU	CAWR-14-86895

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 3A	—	12/02/13	WG	Turbidity	0.6	NTU	CAWR-13-42151
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 3AA	—	09/29/14	WG	Dissolved Oxygen	7.32	mg/L	CAWR-14-86896
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	—	09/29/14	WG	Flow (in gpm)	0.045	gpm	CAWR-14-86896
Spring 3AA	—	10/03/11	WG	Flow (in gpm)	0.07	gpm	CAWR-11-28008
Spring 3AA	—	09/27/10	WG	Flow (in gpm)	0.5	gpm	CAWR-10-25447
Spring 3AA	—	09/28/09	WG	Flow (in gpm)	2.5	gpm	CAWR-09-12509
Spring 3AA	—	09/29/08	WG	Flow (in gpm)	0.08	gpm	CAWR-08-15486
Spring 3AA	—	09/29/14	WG	pH	7.68	SU	CAWR-14-86896
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
Spring 3AA	—	09/28/09	WG	pH	7.64	SU	CAWR-09-12509
Spring 3AA	—	09/29/14	WG	Specific Conductance	179	µS/cm	CAWR-14-86896
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	—	09/29/14	WG	Temperature	19.45	deg C	CAWR-14-86896
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 3AA	—	09/29/14	WG	Turbidity	7.6	NTU	CAWR-14-86896
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 4	—	09/29/14	WG	Dissolved Oxygen	7.31	mg/L	CAWR-14-86897
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	—	09/29/14	WG	Flow (in gpm)	46.7	gpm	CAWR-14-86897
Spring 4	—	09/27/10	WG	Flow (in gpm)	4.3	gpm	CAWR-10-25434
Spring 4	—	03/24/10	WG	Flow (in gpm)	52.5	gpm	CAWR-10-14102
Spring 4	—	09/28/09	WG	Flow (in gpm)	6.9	gpm	CAWR-09-12519
Spring 4	—	09/28/09	WG	Flow (in gpm)	6.9	gpm	CAWR-09-12520
Spring 4	—	04/21/09	WG	Flow (in gpm)	4	gpm	CAWR-09-7934
Spring 4	—	09/29/14	WG	pH	7.45	SU	CAWR-14-86897
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	—	09/29/14	WG	Specific Conductance	220	µS/cm	CAWR-14-86897
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	—	09/29/14	WG	Temperature	17.14	deg C	CAWR-14-86897
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	—	09/29/14	WG	Turbidity	3.5	NTU	CAWR-14-86897
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 4A	—	09/30/14	WG	Dissolved Oxygen	7.25	mg/L	CAWR-14-86898
Spring 4A	—	12/03/13	WG	Dissolved Oxygen	7.31	mg/L	CAWR-13-42152
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	—	09/30/14	WG	Flow (in gpm)	5.8	gpm	CAWR-14-86898
Spring 4A	—	03/24/10	WG	Flow (in gpm)	6.8	gpm	CAWR-10-14106
Spring 4A	—	09/28/09	WG	Flow (in gpm)	3	gpm	CAWR-09-12524
Spring 4A	—	04/21/09	WG	Flow (in gpm)	4	gpm	CAWR-09-7944
Spring 4A	—	09/29/08	WG	Flow (in gpm)	5	gpm	CAWR-08-15512
Spring 4A	—	09/30/14	WG	pH	7.65	SU	CAWR-14-86898
Spring 4A	—	12/03/13	WG	pH	7.81	SU	CAWR-13-42152
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
Spring 4A	—	09/27/10	WG	pH	7.36	SU	CAWR-10-25451
Spring 4A	—	09/30/14	WG	Specific Conductance	204	µS/cm	CAWR-14-86898
Spring 4A	—	12/03/13	WG	Specific Conductance	202	µS/cm	CAWR-13-42152
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 4A	—	09/27/10	WG	Specific Conductance	203	µS/cm	CAWR-10-25451
Spring 4A	—	09/30/14	WG	Temperature	20.19	deg C	CAWR-14-86898
Spring 4A	—	12/03/13	WG	Temperature	19.86	deg C	CAWR-13-42152
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	—	09/30/14	WG	Turbidity	0.67	NTU	CAWR-14-86898
Spring 4A	—	12/03/13	WG	Turbidity	4.9	NTU	CAWR-13-42152
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 4AA	—	09/30/14	WG	Dissolved Oxygen	7.68	mg/L	CAWR-14-86899
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	—	09/30/14	WG	Flow (in gpm)	5.8	gpm	CAWR-14-86899
Spring 4AA	—	10/04/11	WG	Flow (in gpm)	4.4	gpm	CAWR-11-28021
Spring 4AA	—	09/27/10	WG	Flow (in gpm)	0.25	gpm	CAWR-10-25454
Spring 4AA	—	09/27/10	WG	Flow (in gpm)	0.25	gpm	CAWR-10-25455
Spring 4AA	—	03/24/10	WG	Flow (in gpm)	3.04	gpm	CAWR-10-14107
Spring 4AA	—	09/28/09	WG	Flow (in gpm)	16	gpm	CAWR-09-12526
Spring 4AA	—	09/28/09	WG	Flow (in gpm)	16	gpm	CAWR-09-12529
Spring 4AA	—	09/30/14	WG	pH	7.25	SU	CAWR-14-86899
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	—	09/30/14	WG	Specific Conductance	215	µS/cm	CAWR-14-86899
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	—	09/30/14	WG	Temperature	18.99	deg C	CAWR-14-86899
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	—	09/30/14	WG	Turbidity	1.22	NTU	CAWR-14-86899
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 4B	—	09/30/14	WG	Dissolved Oxygen	7.59	mg/L	CAWR-14-86900
Spring 4B	—	09/30/14	WG	Dissolved Oxygen	7.59	mg/L	CAWR-14-86950
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	—	09/30/14	WG	Flow (in gpm)	1	gpm	CAWR-14-86900

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 4B	—	10/05/11	WG	Flow (in gpm)	0.26	gpm	CAWR-11-28025
Spring 4B	—	09/27/10	WG	Flow (in gpm)	0.25	gpm	CAWR-10-25456
Spring 4B	—	09/27/10	WG	Flow (in gpm)	0.25	gpm	CAWR-10-25459
Spring 4B	—	03/24/10	WG	Flow (in gpm)	1.35	gpm	CAWR-10-14100
Spring 4B	—	09/28/09	WG	Flow (in gpm)	0.5	gpm	CAWR-09-12530
Spring 4B	—	09/30/14	WG	pH	7.52	SU	CAWR-14-86900
Spring 4B	—	09/30/14	WG	pH	7.52	SU	CAWR-14-86950
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	—	09/30/14	WG	Specific Conductance	237	µS/cm	CAWR-14-86900
Spring 4B	—	09/30/14	WG	Specific Conductance	237	µS/cm	CAWR-14-86950
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	—	09/30/14	WG	Temperature	17.65	deg C	CAWR-14-86900
Spring 4B	—	09/30/14	WG	Temperature	17.65	deg C	CAWR-14-86950
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	—	09/30/14	WG	Turbidity	1.1	NTU	CAWR-14-86900
Spring 4B	—	09/30/14	WG	Turbidity	1.1	NTU	CAWR-14-86950
Spring 4B	—	09/25/12	WG	Turbidity	1.56	NTU	CAWR-12-23444

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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
Spring 4B	—	03/24/10	WG	Turbidity	6.56	NTU	CAWR-10-14100
Spring 5	—	09/30/14	WG	Dissolved Oxygen	6.68	mg/L	CAWR-14-86901
Spring 5	—	12/03/13	WG	Dissolved Oxygen	6.69	mg/L	CAWR-13-42153
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	—	09/30/14	WG	Flow (in gpm)	5.8	gpm	CAWR-14-86901
Spring 5	—	09/28/10	WG	Flow (in gpm)	0.26	gpm	CAWR-10-25339
Spring 5	—	09/29/09	WG	Flow (in gpm)	2.7	gpm	CAWR-09-12512
Spring 5	—	09/30/08	WG	Flow (in gpm)	1.25	gpm	CAWR-08-15521
Spring 5	—	04/30/08	WG	Flow (in gpm)	2.5	gpm	CAWR-08-12114
Spring 5	—	09/30/14	WG	pH	7.47	SU	CAWR-14-86901
Spring 5	—	12/03/13	WG	pH	7.64	SU	CAWR-13-42153
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	—	09/30/14	WG	Specific Conductance	184	µS/cm	CAWR-14-86901
Spring 5	—	12/03/13	WG	Specific Conductance	181	µS/cm	CAWR-13-42153
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	—	09/30/14	WG	Temperature	20.55	deg C	CAWR-14-86901
Spring 5	—	12/03/13	WG	Temperature	20.54	deg C	CAWR-13-42153
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 5	—	09/30/14	WG	Turbidity	7.2	NTU	CAWR-14-86901
Spring 5	—	12/03/13	WG	Turbidity	0.9	NTU	CAWR-13-42153
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 6	—	10/01/14	WG	Dissolved Oxygen	7	mg/L	CAWR-14-86954
Spring 6	—	12/09/13	WG	Dissolved Oxygen	7.3	mg/L	CAWR-13-42155
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	—	10/01/14	WG	Flow (in gpm)	11.5	gpm	CAWR-14-86954
Spring 6	—	10/06/11	WG	Flow (in gpm)	22.4	gpm	CAWR-11-28038
Spring 6	—	09/28/10	WG	Flow (in gpm)	7.8	gpm	CAWR-10-25376
Spring 6	—	09/30/08	WG	Flow (in gpm)	4	gpm	CAWR-08-15532
Spring 6	—	10/01/14	WG	pH	8.04	SU	CAWR-14-86954
Spring 6	—	12/09/13	WG	pH	7.83	SU	CAWR-13-42155
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	—	10/01/14	WG	Specific Conductance	146	µS/cm	CAWR-14-86954
Spring 6	—	12/09/13	WG	Specific Conductance	137	µS/cm	CAWR-13-42155
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	—	10/01/14	WG	Temperature	22.38	deg C	CAWR-14-86954
Spring 6	—	12/09/13	WG	Temperature	19.12	deg C	CAWR-13-42155
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
Spring 6	—	09/28/10	WG	Temperature	20.74	deg C	CAWR-10-25376

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 6	—	10/01/14	WG	Turbidity	2.3	NTU	CAWR-14-86954
Spring 6	—	12/09/13	WG	Turbidity	3.3	NTU	CAWR-13-42155
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 6A	—	10/01/14	WG	Dissolved Oxygen	4.15	mg/L	CAWR-14-86955
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	—	10/01/14	WG	pH	7.32	SU	CAWR-14-86955
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	—	10/01/14	WG	Specific Conductance	140	µS/cm	CAWR-14-86955
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	—	10/01/14	WG	Temperature	21.47	deg C	CAWR-14-86955
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	—	10/01/14	WG	Turbidity	14	NTU	CAWR-14-86955
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 6A	—	09/25/07	WG	Turbidity	1.79	NTU	FU070900GA6S01
Spring 8A	—	10/01/14	WG	Dissolved Oxygen	7.7	mg/L	CAWR-14-86956
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	—	10/01/14	WG	Flow (in gpm)	3.2	gpm	CAWR-14-86956
Spring 8A	—	10/13/11	WG	Flow (in gpm)	1.01	gpm	CAWR-11-28045
Spring 8A	—	09/28/10	WG	Flow (in gpm)	0.29	gpm	CAWR-10-25392
Spring 8A	—	09/29/09	WG	Flow (in gpm)	1	gpm	CAWR-09-12562
Spring 8A	—	09/30/08	WG	Flow (in gpm)	1	gpm	CAWR-08-15550
Spring 8A	—	10/01/14	WG	pH	7.34	SU	CAWR-14-86956
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	—	10/01/14	WG	Specific Conductance	130	µS/cm	CAWR-14-86956
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	—	10/01/14	WG	Temperature	20.3	deg C	CAWR-14-86956
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	—	10/01/14	WG	Turbidity	7.6	NTU	CAWR-14-86956
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 8A	—	09/28/10	WG	Turbidity	0.47	NTU	CAWR-10-25392
Spring 8A	—	09/29/09	WG	Turbidity	5.65	NTU	CAWR-09-12562
Spring 9	—	10/01/14	WG	Dissolved Oxygen	6.95	mg/L	CAWR-14-86957
Spring 9	—	12/16/13	WG	Dissolved Oxygen	7.03	mg/L	CAWR-13-42156
Spring 9	—	09/29/10	WG	Dissolved Oxygen	6.91	mg/L	CAWR-10-25395
Spring 9	—	09/29/09	WG	Dissolved Oxygen	6.76	mg/L	CAWR-09-12565
Spring 9	—	09/30/08	WG	Dissolved Oxygen	7.06	mg/L	CAWR-08-15537
Spring 9	—	10/01/14	WG	Flow (in gpm)	70.27	gpm	CAWR-14-86957
Spring 9	—	09/29/10	WG	Flow (in gpm)	0.45	gpm	CAWR-10-25395
Spring 9	—	09/29/09	WG	Flow (in gpm)	0.5	gpm	CAWR-09-12565
Spring 9	—	09/30/08	WG	Flow (in gpm)	1	gpm	CAWR-08-15537
Spring 9	—	10/01/14	WG	pH	7.65	SU	CAWR-14-86957
Spring 9	—	12/16/13	WG	pH	7.31	SU	CAWR-13-42156
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	—	10/01/14	WG	Specific Conductance	137	µS/cm	CAWR-14-86957
Spring 9	—	12/16/13	WG	Specific Conductance	127	µS/cm	CAWR-13-42156
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	—	10/01/14	WG	Temperature	21.47	deg C	CAWR-14-86957
Spring 9	—	12/16/13	WG	Temperature	19.37	deg C	CAWR-13-42156
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	—	10/01/14	WG	Turbidity	17.4	NTU	CAWR-14-86957
Spring 9	—	12/16/13	WG	Turbidity	1.3	NTU	CAWR-13-42156
Spring 9	—	09/25/12	WG	Turbidity	1.91	NTU	CAWR-12-23451

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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 9A	—	10/01/14	WG	Dissolved Oxygen	4.83	mg/L	CAWR-14-86958
Spring 9A	—	12/16/13	WG	Dissolved Oxygen	5.99	mg/L	CAWR-13-42157
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	—	10/01/14	WG	Flow (in gpm)	5.8	gpm	CAWR-14-86958
Spring 9A	—	09/28/10	WG	Flow (in gpm)	1.6	gpm	CAWR-10-25398
Spring 9A	—	10/01/08	WG	Flow (in gpm)	0.5	gpm	CAWR-08-15539
Spring 9A	—	10/01/14	WG	pH	7.08	SU	CAWR-14-86958
Spring 9A	—	12/16/13	WG	pH	7.35	SU	CAWR-13-42157
Spring 9A	—	09/26/12	WG	pH	7.64	SU	CAWR-12-23452
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	—	10/01/14	WG	Specific Conductance	128	µS/cm	CAWR-14-86958
Spring 9A	—	12/16/13	WG	Specific Conductance	125	µS/cm	CAWR-13-42157
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	—	10/01/14	WG	Temperature	20.48	deg C	CAWR-14-86958
Spring 9A	—	12/16/13	WG	Temperature	19.08	deg C	CAWR-13-42157
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	—	10/01/14	WG	Turbidity	0.7	NTU	CAWR-14-86958
Spring 9A	—	12/16/13	WG	Turbidity	0.7	NTU	CAWR-13-42157

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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

[a] — = Not applicable.

[b] WS = Base flow.

[c] gpm = Gallons per minute.

[d] SU = Standard unit.

[e] NTU = Nephelometric turbidity unit.

[f] WG = Groundwater.

[g] 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

Note: A combination of analytical laboratory qualifier codes means that several codes apply.

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.
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or data exception report.
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	—	09/30/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2015-22	CAWR-14-86959	GELC
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	—	09/30/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.8	—	—	0.725	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00424	0.00948	0.0537	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/30/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.106	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.06	—	—	1.7	µg/L	Y	J	J	2015-22	CAWR-14-86959	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	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	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86959	GELC
Ancho at Rio Grande	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.4	—	—	15	µg/L	Y	J	J	2015-22	CAWR-14-86959	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.7	—	—	15	µg/L	Y	J	J	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	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	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.54	0.955	3.69	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/30/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.54	—	—	0.067	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0965	1.04	3.81	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/25/12	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	—	09/30/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	—	0.033	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.73	0.893	2.8	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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
Ancho at Rio Grande	—	09/30/14	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.38	0.879	2.89	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.5	—	—	0.453	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	44.2	—	—	30	µg/L	Y	J	J	2015-22	CAWR-14-86959	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	44.2	—	—	30	µg/L	Y	J	J	2015-22	CAWR-14-86959	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	46.3	—	—	30	µg/L	Y	J	J	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	66.5	—	—	30	µg/L	Y	J	J	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	25	µg/L	Y	U	U	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.1	—	—	0.11	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.69	—	—	2	µg/L	Y	J	J	2015-22	CAWR-14-86959	GELC
Ancho at Rio Grande	—	09/25/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1570	CAWR-12-23454	GELC
Ancho at Rio Grande	—	09/28/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.19	—	—	2	µg/L	Y	J	J	10-4822	CAWR-10-25407	GELC
Ancho at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.44	—	—	2	µg/L	Y	J	J	10-55	CAWR-09-12578	GELC
Ancho at Rio Grande	—	09/30/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.1	—	—	2	µg/L	Y	J	J	09-20	CAWR-08-15455	GELC
Ancho at Rio Grande	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.165	µg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.08	2	7.25	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/30/14	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.152	—	—	0.05	µg/L	Y	J	J	2015-22	CAWR-14-86959	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

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	—	09/28/10	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	—	09/30/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00302	0.00523	0.0449	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/30/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00604	0.00739	0.0396	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.59	16.4	32	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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
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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.3	—	—	0.053	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.07	1.05	3.29	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/30/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	3.63	µS/cm	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.1	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.192	0.135	0.485	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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

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	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	—	09/30/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2015-22	CAWR-14-86959	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	—	09/30/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.05	—	—	0.33	mg/L	Y	—	NQ	2015-22	CAWR-14-86932	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.173	—	—	0.067	µg/L	Y	J	J	2015-22	CAWR-14-86959	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
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	—	09/30/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.153	0.0256	0.0984	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86932	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	—	09/30/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00967	0.0689	—	pCi/L	Y	U	U	2015-22	CAWR-14-86932	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	—	09/30/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0899	0.0196	0.0525	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86932	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	—	09/30/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.99	—	—	1	µg/L	Y	J	J	2015-22	CAWR-14-86959	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 Spring	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.2	—	—	0.725	mg/L	Y	H	NQ	2015-20	CAWR-14-86960	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

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	—	09/29/09	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.008	0.0506	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00882	0.00778	0.0383	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0743	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.98	—	—	1.7	µg/L	Y	J	J	2015-20	CAWR-14-86960	GELC
Ancho Spring	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1571	CAWR-12-23455	GELC
Ancho Spring	—	10/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-65	CAWR-11-28028	GELC
Ancho Spring	—	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-10-25327	GELC
Ancho Spring	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.68	—	—	1.5	µg/L	Y	J	J	10-46	CAWR-09-12538	GELC
Ancho Spring	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	Y	3.21	—	—	2	µg/L	Y	HJ	J	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	2	µg/L	Y	U	U	2014-2646	CAWR-13-42144	GELC
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	2	µg/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	1.3	µg/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	Y	1.33	—	—	1.3	µg/L	Y	J	J	10-4818	CAWR-10-25326	GELC
Ancho Spring	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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
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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.636	1.86	3.51	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.544	1.11	3.38	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.14	—	—	0.067	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.96	—	—	2	µg/L	Y	J	J	2015-20	CAWR-14-86960	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0158	0.904	3.51	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.96	1.67	4.43	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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

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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.368	0.701	2.6	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.41	0.386	1.15	—	pCi/L	Y	—	NQ	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.55	0.877	2.86	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.34	0.613	1.99	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.165	µg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.14	2.43	8.94	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.27	2.23	7.64	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.572	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.349	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0022	0.00583	0.0328	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00298	0.00517	0.0304	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00881	0.0054	0.0289	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	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	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00596	0.0467	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.9	14.5	50.2	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	48.9	21.7	35.2	—	pCi/L	Y	UI	R	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.92	—	—	0.1	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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
Ancho Spring	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.28	1.34	5.16	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.29	0.899	3.79	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	3.63	µS/cm	Y	H	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.7	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0355	0.134	0.479	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.163	0.143	0.482	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.68	—	—	0.133	mg/L	Y	—	NQ	2015-20	CAWR-14-86960	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	N	—	R	2015-20	CAWR-14-86960	GELC
Ancho Spring	—	09/30/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	H	NQ	2015-20	CAWR-14-86960	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	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	—	09/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.36	—	—	0.33	mg/L	Y	J	J	2015-20	CAWR-14-86933	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	—	09/30/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tr	Tritium	H-3	N	-2.25	0.761	2.474	—	pCi/L	Y	U	U	2015-49	CAWR-14-86933	ARSL
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tr	Tritium	H-3	N	1.089	0.796	2.575	—	pCi/L	Y	U	U	2014-2649	CAWR-13-42144	ARSL
Ancho Spring	—	09/25/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tr	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_Tr	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	INIT	REG	RAD	Generic:Low_Level_Tr	Tritium	H-3	Y	13.685	2.3184	2.898	—	pCi/L	N	—	R	11-28	CAWR-10-25326	ARSL
Ancho Spring	—	09/28/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tr	Tritium	H-3	N	9.7244	1.771	2.898	—	pCi/L	Y	—	U	11-28	CAWR-10-25326	ARSL
Ancho Spring	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.286	—	—	0.067	µg/L	Y	—	NQ	2015-20	CAWR-14-86960	GELC
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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.302	0.0308	0.0746	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.257	0.0266	0.0516	—	pCi/L	Y	—	NQ	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00897	0.0522	—	pCi/L	Y	U	U	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0063	0.0063	0.0325	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42144	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
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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.142	0.0222	0.0397	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86933	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0969	0.0165	0.0274	—	pCi/L	Y	—	NQ	2014-2646	CAWR-13-42144	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.79	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86960	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
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.64	—	—	3	µg/L	Y	J	J	2015-22	CAWR-14-86934	GELC
Frijoles at Rio Grande	—	09/26/12	WS	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	12-1573	CAWR-12-23428	GELC
Frijoles at Rio Grande	—	03/22/10	WS	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.2	—	—	0.34	µg/L	Y	J	R	10-2584	CAWR-10-14115	STSL
Frijoles at Rio Grande	—	09/26/07	WP	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	5	—	—	1.25	µg/L	Y	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	4.5	—	—	1.25	µg/L	Y	J	J	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	NQ	2015-22	CAWR-14-86961	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	12	—	—	0.725	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	154	—	—	0.725	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	107	—	—	68	µg/L	Y	J	J	2015-22	CAWR-14-86961	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	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	J	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00309	0.0125	0.0441	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.253	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.53	—	—	1.7	µg/L	Y	J	J	2015-22	CAWR-14-86961	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.9	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28	—	—	15	µg/L	Y	J	J	2015-22	CAWR-14-86961	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
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	J	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.113	—	—	0.067	mg/L	Y	J	J	2015-22	CAWR-14-86961	GELC
Frijoles at Rio Grande	—	09/26/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1573	CAWR-12-23456	GELC
Frijoles at Rio Grande	—	03/22/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	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:300.0	Bromide	Br(-1)	N	0.066	—	—	0.066	mg/L	Y	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	09/20/06	WP	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.066	—	—	0.066	mg/L	Y	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	31.4	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.76	1.52	3.28	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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

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	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.71	—	—	0.067	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.122	0.978	3.58	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.37	—	—	0.033	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.41	1.13	2.93	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86934	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	12.9	1.45	2.66	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86934	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	116	—	—	0.453	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	90.3	—	—	30	µg/L	Y	J	J	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9.17	—	—	0.11	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	22.1	—	—	2	µg/L	Y	—	NQ	2015-22	CAWR-14-86961	GELC
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	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	J	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	7.3	—	—	0.165	µg/L	Y	—	NQ	2015-22	CAWR-14-86961	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

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	—	09/26/07	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.52	2.57	7.34	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.993	—	—	0.5	µg/L	Y	J	J	2015-22	CAWR-14-86961	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	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	J	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.131	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00179	0.00605	0.0308	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00882	0.00699	0.0271	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.67	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.4	16.5	42	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.7	—	—	0.1	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.278	0.991	3.57	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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

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	—	09/20/06	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	—	3.63	µS/cm	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	185	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.12	0.126	0.429	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.68	—	—	0.133	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	226	—	—	3.4	mg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	—	NQ	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	—	NQ	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.615	—	—	0.033	mg/L	Y	—	J	2015-22	CAWR-14-86934	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	—	10/01/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	8.67	—	—	0.33	mg/L	Y	—	NQ	2015-22	CAWR-14-86934	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	—	NQ	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	—	NQ	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.189	—	—	0.017	mg/L	Y	—	J	2015-22	CAWR-14-86961	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	—	NQ	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.29	—	—	0.067	µg/L	Y	—	NQ	2015-22	CAWR-14-86961	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	J	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.536	0.0445	0.0905	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86934	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

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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0356	0.0141	0.0634	—	pCi/L	Y	U	U	2015-22	CAWR-14-86934	GELC
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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.457	0.0412	0.0482	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86934	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	—	NQ	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.99	—	—	1	µg/L	Y	J	J	2015-22	CAWR-14-86961	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	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	J	172455	GF060900PGRF01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.08	—	—	3	µg/L	Y	J	J	2015-22	CAWR-14-86937	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-4795	CAWR-10-25464	GELC
Pajarito at Rio Grande	—	09/28/09	WS	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-17	CAWR-09-12591	GELC
Pajarito at Rio Grande	—	09/26/05	WS	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	5	—	—	—	µg/L	Y	U	U	146710	GU05090PGRP02	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.62	—	—	0.01	SU	Y	H	J-	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	J-	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	J-	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	J	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	0.725	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.7	—	—	0.73	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.7	—	—	0.73	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.8	—	—	0.73	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	—	1.45	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0136	0.0543	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.147	—	—	0.017	mg/L	Y	—	J	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-4828	CAWR-10-25466	GELC
Pajarito 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-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.01	—	—	0.01	mg/L	Y	U	R	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.7	—	—	1.7	µg/L	Y	J	J	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	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-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Arsenic	As	N	6	—	—	6	µg/L	Y	U	U	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.4	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.2	—	—	1	µg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.1	—	—	1	µg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36.5	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.4	—	—	1	µg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.8	—	—	15	µg/L	Y	J	J	2015-22	CAWR-14-86964	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	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.3	—	—	15	µg/L	Y	J	J	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.1	—	—	15	µg/L	Y	J	J	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.2	—	—	10	µg/L	Y	J	J	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0691	—	—	0.067	mg/L	Y	J	J	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0909	—	—	0.066	mg/L	Y	J	J	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.074	—	—	0.041	mg/L	Y	J	J	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.9	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	19.8	—	—	0.036	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.682	1.22	4.14	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.3	—	—	0.067	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.03	—	—	0.066	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.94	—	—	0.066	mg/L	Y	—	J+	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.75	—	—	0.066	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.93	—	—	0.053	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.52	—	—	2	µg/L	Y	J	J	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.96	—	—	2	µg/L	Y	J	J	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.52	—	—	2	µg/L	Y	J	J	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.96	—	—	2	µg/L	Y	J	J	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.02	—	—	2.5	µg/L	Y	J	J	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.19	—	—	2.5	µg/L	Y	J	J	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Chromium	Cr	Y	3.8	—	—	1	µg/L	Y	J	J	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.44	1.2	3.6	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.033	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.407	—	—	0.033	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.378	—	—	0.033	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.538	—	—	0.033	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.461	—	—	0.03	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.89	0.933	2.82	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.38	0.954	2.68	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86937	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	—	09/29/14	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.1	—	—	0.453	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78	—	—	0.45	mg/L	Y	—	NQ	12-25	CAWR-11-27988	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	—	09/27/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.5	—	—	0.35	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.2	—	—	0.35	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.2	—	—	0.085	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.57	—	—	0.11	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.97	—	—	0.11	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.7	—	—	0.085	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.36	—	—	0.085	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.29	—	—	0.085	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.74	—	—	2	µg/L	Y	J	J	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.84	—	—	2	µg/L	Y	J	J	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.165	µg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.17	µg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.908	—	—	0.1	µg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.976	—	—	0.1	µg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	N	2	—	—	2	µg/L	Y	U	U	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.332	2.25	7.93	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.716	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.785	—	—	0.05	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.675	—	—	0.05	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.645	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.645	—	—	0.017	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.534	—	—	0.05	µg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.499	—	—	0.05	µg/L	Y	—	J+	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.553	—	—	0.05	µg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.542	—	—	0.05	µg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:314.0	Perchlorate	ClO4	N	4	—	—	4	µg/L	Y	U	U	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW846 6850 Modified	Perchlorate	ClO4	Y	0.497	—	—	0.05	µg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0137	0.00823	0.0408	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00549	0.00776	0.036	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.42	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.73	—	—	0.05	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.56	—	—	0.05	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.51	—	—	0.05	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.04	15.7	57.3	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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

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	—	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	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.6	—	—	0.053	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.1	—	—	0.032	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.4	—	—	0.1	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13	—	—	0.045	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.566	1.22	3.7	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	GELC
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	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	3.63	µS/cm	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200	—	—	1	µS/cm	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	120	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	124	—	—	1	µg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.231	0.124	0.492	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.96	—	—	0.133	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	—	—	0.1	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	—	—	0.1	mg/L	Y	—	J+	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.21	—	—	0.1	mg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.52	—	—	0.057	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	2.4	mg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	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-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	2.38	mg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.32	—	—	0.33	mg/L	Y	—	NQ	2015-22	CAWR-14-86937	GELC
Pajarito at Rio Grande	—	10/04/11	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.624	—	—	0.33	mg/L	Y	J	J	12-25	CAWR-11-27989	GELC
Pajarito at Rio Grande	—	09/27/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.673	—	—	0.33	mg/L	Y	J	U	10-4827	CAWR-10-25465	GELC
Pajarito at Rio Grande	—	09/30/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.937	—	—	0.33	mg/L	Y	J	J	10-54	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.961	—	—	0.067	µg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.19	—	—	0.067	µg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.937	—	—	0.05	µg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.02	—	—	0.05	µg/L	Y	—	NQ	10-55	CAWR-09-12588	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	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.3	—	—	0.05	µg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Pajarito at Rio Grande	—	09/29/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.568	0.0456	0.0888	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86937	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	—	09/29/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0131	0.00975	0.0622	—	pCi/L	Y	U	U	2015-22	CAWR-14-86937	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	—	09/29/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.25	0.0305	0.0473	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86937	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	—	09/29/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.44	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86964	GELC
Pajarito at Rio Grande	—	10/04/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.4	—	—	1	µg/L	Y	—	NQ	12-25	CAWR-11-27988	GELC
Pajarito at Rio Grande	—	09/27/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.55	—	—	1	µg/L	Y	—	NQ	10-4828	CAWR-10-25466	GELC
Pajarito at Rio Grande	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.95	—	—	1	µg/L	Y	—	NQ	10-55	CAWR-09-12588	GELC
Pajarito at Rio Grande	—	09/26/05	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.5	—	—	1	µg/L	Y	—	NQ	146888	GF05090PGRP01	GELC
Rio Grande at Frijoles	—	10/01/14	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	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	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	—	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	0.725	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	—	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	—	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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.0154	0.0301	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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	—	09/29/10	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	—	09/30/09	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	—	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	—	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.137	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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
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

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	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	—	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.66	—	—	1.7	µg/L	Y	J	J	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	86.4	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.9	—	—	15	µg/L	Y	J	J	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	—	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	—	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	—	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	39.1	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.39	1.14	4.44	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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	—	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	—	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	—	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.46	—	—	0.067	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.43	0.955	4.16	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	—	09/26/12	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
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	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	—	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.321	—	—	0.033	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.55	1.47	3	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86938	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	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	—	09/29/10	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	—	09/30/09	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.2	1.39	2.58	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86938	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	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	—	09/29/10	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	—	09/30/09	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	—	NQ	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	10/01/14	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	125	—	—	0.453	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	122	—	—	0.35	mg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	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	—	09/30/09	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	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.35	mg/L	Y	—	NQ	09-20	CAWR-08-15448	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	—	10/01/14	WS	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	Y	0.00000739	—	—	0.000019	µg/L	Y	J	J	2015-24	CAWR-14-86938	CFA
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000535	—	—	0.0000178	µg/L	Y	U	U	12-1577	CAWR-12-23432	CFA
Rio Grande at Frijoles	—	10/01/14	WS	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	Y	0.00000739	—	—	0.000019	µg/L	Y	J	J	2015-24	CAWR-14-86938	CFA
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0	—	—	0.0000178	µg/L	Y	U	U	12-1577	CAWR-12-23432	CFA
Rio Grande at Frijoles	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.61	—	—	0.11	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	13.9	—	—	2	µg/L	Y	—	NQ	2015-22	CAWR-14-86965	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

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	Manganese	Mn	Y	11.9	—	—	2	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	Manganese	Mn	Y	9.73	—	—	2	µg/L	Y	J	J	10-4822	CAWR-10-25414	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	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	—	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.82	—	—	0.165	µg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.44	—	—	0.1	µg/L	Y	—	NQ	10-4822	CAWR-10-25411	GELC
Rio Grande at Frijoles	—	09/29/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.77	—	—	0.1	µg/L	Y	—	NQ	10-4822	CAWR-10-25414	GELC
Rio Grande at Frijoles	—	09/30/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	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	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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3	2.14	7.23	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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	—	09/29/10	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	—	09/30/09	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	—	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	—	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	—	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0879	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	—	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	—	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	—	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	—	10/01/14	WS	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	Y	0.000057	—	—	0.0000381	µg/L	Y	BJ	J	2015-24	CAWR-14-86938	CFA
Rio Grande at Frijoles	—	09/26/12	WS	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000133	—	—	0.0000358	µg/L	Y	BJ	U	12-1577	CAWR-12-23432	CFA
Rio Grande at Frijoles	—	10/01/14	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.062	—	—	0.05	µg/L	Y	J	J	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00461	0.00903	0.0412	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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	—	09/29/10	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	—	09/30/09	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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0071	0.00874	0.0362	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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

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	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	—	09/30/09	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	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	—	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.61	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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
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	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	—	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	—	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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.23	14.9	57.7	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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	—	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	—	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	—	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	20.7	—	—	0.053	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	—	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	—	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	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	—	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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.172	1.1	4.11	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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	—	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	295	—	—	3.63	µS/cm	Y	—	NQ	2015-22	CAWR-14-86965	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

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	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	314	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86965	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
Rio Grande at Frijoles	—	10/01/14	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0844	0.137	0.489	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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	—	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	—	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	—	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	44.3	—	—	0.665	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	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	—	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	—	10/01/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	286	—	—	3.4	mg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	09/29/10	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	—	09/30/09	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	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	—	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	—	10/01/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.475	—	—	0.033	mg/L	Y	—	J	2015-22	CAWR-14-86938	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	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	—	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	—	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	—	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	—	10/01/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.89	—	—	0.33	mg/L	Y	—	NQ	2015-22	CAWR-14-86938	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.02	—	—	0.067	µg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	—	09/26/12	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	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	—	09/29/10	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	—	09/30/09	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	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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.41	0.0787	0.108	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86938	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	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	—	09/29/10	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	—	09/30/09	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
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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0426	0.0168	0.0759	—	pCi/L	Y	U	U	2015-22	CAWR-14-86938	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	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	—	09/29/10	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	—	09/30/09	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	—	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	—	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	—	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	—	10/01/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.857	0.061	0.0577	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86938	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	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	—	09/29/10	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	—	09/30/09	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	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	—	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	—	10/01/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.04	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86965	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	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	—	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	—	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
Spring 3	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2015-22	CAWR-14-86886	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.3	—	—	0.725	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	0.725	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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

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	—	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0035	0.00607	0.0444	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.012	0.0539	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/24/12	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	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.000205	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.206	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0487	—	—	0.017	mg/L	Y	J	J	2015-22	CAWR-14-86886	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	—	09/24/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1575	CAWR-12-23407	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.05	—	—	1.7	µg/L	Y	J	J	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	4.29	—	—	1.7	µg/L	Y	J	J	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	45	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	45.1	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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
Spring 3	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.212	1.36	5	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.49	1.4	5.33	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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

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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.19	—	—	0.067	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.19	—	—	0.067	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.59	—	—	2	µg/L	Y	J	J	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.72	—	—	2	µg/L	Y	J	J	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.1	1.34	4.79	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.21	1.28	5.19	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.372	—	—	0.033	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.38	—	—	0.033	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.326	0.724	2.86	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.653	0.659	2.9	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	66.3	2.86	2.68	—	pCi/L	N	—	R	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.07	0.882	2.74	—	pCi/L	N	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/14	WG	UF	RE	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.91	0.948	2.91	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	RE	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.72	0.882	2.82	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66	—	—	0.453	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.3	—	—	0.453	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	Y	0.0000355	—	—	0.0000192	µg/L	Y	J	J	2015-24	CAWR-14-86944	CFA
Spring 3	—	09/29/14	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	Y	0.0000116	—	—	0.0000191	µg/L	Y	J	J	2015-24	CAWR-14-86881	CFA
Spring 3	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000567	—	—	0.0000189	µg/L	Y	U	U	12-1567	CAWR-12-23394	CFA
Spring 3	—	09/24/12	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000574	—	—	0.0000191	µg/L	Y	U	U	12-1567	CAWR-12-23381	CFA
Spring 3	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	Y	0.0000534	—	—	0.0000192	µg/L	Y	J	J	2015-24	CAWR-14-86944	CFA
Spring 3	—	09/29/14	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	Y	0.0000116	—	—	0.0000191	µg/L	Y	J	J	2015-24	CAWR-14-86881	CFA
Spring 3	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0	—	—	0.0000189	µg/L	Y	U	U	12-1567	CAWR-12-23394	CFA
Spring 3	—	09/24/12	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0	—	—	0.0000191	µg/L	Y	U	U	12-1567	CAWR-12-23381	CFA
Spring 3	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	Y	0.00000783	—	—	0.0000192	µg/L	Y	J	J	2015-24	CAWR-14-86944	CFA
Spring 3	—	09/29/14	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000574	—	—	0.0000191	µg/L	Y	U	U	2015-24	CAWR-14-86881	CFA
Spring 3	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000567	—	—	0.0000189	µg/L	Y	U	U	12-1567	CAWR-12-23394	CFA
Spring 3	—	09/24/12	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000574	—	—	0.0000191	µg/L	Y	U	U	12-1567	CAWR-12-23381	CFA
Spring 3	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	Y	0.0000288	—	—	0.0000192	µg/L	Y	J	J	2015-24	CAWR-14-86944	CFA
Spring 3	—	09/29/14	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N	0	—	—	0.0000191	µg/L	Y	U	U	2015-24	CAWR-14-86881	CFA
Spring 3	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzofurans (Total)	38998-75-3	N	0	—	—	0.0000189	µg/L	Y	U	U	12-1567	CAWR-12-23394	CFA
Spring 3	—	09/24/12	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzofurans (Total)	38998-75-3	N	0	—	—	0.0000191	µg/L	Y	U	U	12-1567	CAWR-12-23381	CFA
Spring 3	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.99	—	—	0.11	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2	—	—	0.11	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.19	2.37	7.96	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.23	2.79	9.83	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.28	—	—	0.017	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	Y	0.000233	—	—	0.0000384	µg/L	Y	—	NQ	2015-24	CAWR-14-86944	CFA
Spring 3	—	09/29/14	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	Y	0.000121	—	—	0.0000383	µg/L	Y	—	NQ	2015-24	CAWR-14-86881	CFA
Spring 3	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000113	—	—	0.0000379	µg/L	Y	U	U	12-1567	CAWR-12-23394	CFA
Spring 3	—	09/24/12	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000115	—	—	0.0000383	µg/L	Y	U	U	12-1567	CAWR-12-23381	CFA
Spring 3	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	Y	0.0000313	—	—	0.0000384	µg/L	Y	J	J	2015-24	CAWR-14-86944	CFA
Spring 3	—	09/29/14	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	Y	0.000015	—	—	0.0000383	µg/L	Y	J	J	2015-24	CAWR-14-86881	CFA
Spring 3	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000113	—	—	0.0000379	µg/L	Y	U	U	12-1567	CAWR-12-23394	CFA

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	—	09/24/12	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000115	—	—	0.0000383	µg/L	Y	U	U	12-1567	CAWR-12-23381	CFA
Spring 3	—	09/29/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.475	—	—	0.05	µg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.459	—	—	0.05	µg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00302	0.01	0.0448	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00214	0.00371	0.0319	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00603	0.00738	0.0396	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00606	0.0281	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.85	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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
Spring 3	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.5	15.1	37.4	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-23.4	16.8	55.6	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.9	—	—	0.053	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.9	—	—	0.053	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.4	—	—	0.1	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.74	0.976	3.18	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	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	—	09/29/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.793	1.55	5.49	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	3.63	µS/cm	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	3.63	µS/cm	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	239	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	241	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0277	0.136	0.484	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.319	0.12	0.465	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.57	—	—	0.133	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.58	—	—	0.133	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2015-22	CAWR-14-86886	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	—	09/24/12	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	—	09/27/10	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
Spring 3	—	09/29/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.602	—	—	0.33	mg/L	Y	J	J	2015-22	CAWR-14-86881	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.69	—	—	0.067	µg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.68	—	—	0.067	µg/L	Y	—	NQ	2015-22	CAWR-14-86886	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

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	—	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.03	0.0616	0.091	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.948	0.0638	0.104	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86881	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0223	0.0118	0.0637	—	pCi/L	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0358	0.0185	0.073	—	pCi/L	Y	U	U	2015-22	CAWR-14-86881	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.586	0.0469	0.0485	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.518	0.047	0.0556	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86881	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	—	09/24/12	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.1	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.1	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86886	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 3A	—	09/29/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.39	—	—	3	µg/L	Y	J	J	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2014-2583	CAWR-13-42127	GELC
Spring 3A	—	09/24/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	12-1566	CAWR-12-23395	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	12-15	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-4795	CAWR-10-25437	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-4795	CAWR-10-25440	GELC
Spring 3A	—	09/29/14	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	2015-17	CAWR-14-86972	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	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	—	09/27/10	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	—	09/28/09	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	—	09/28/09	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.3	—	—	0.725	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	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	—	09/27/10	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	—	09/28/09	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	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00271	0.0047	0.0344	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00239	0.00414	0.0311	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00454	0.0296	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.9	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	—	09/29/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(a)anthracene	56-55-3	Y	0.0219	—	—	0.0168	µg/L	Y	J	J	2014-4645	CAWR-14-86895	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.02	—	—	0.306	µg/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.02	—	—	0.306	µg/L	Y	U	U	2014-2583	CAWR-13-42127	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1	—	—	0.3	µg/L	Y	U	U	12-15	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.04	—	—	0.21	µg/L	Y	U	U	10-4795	CAWR-10-25437	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.05	—	—	0.21	µg/L	Y	U	U	10-4795	CAWR-10-25440	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.09	—	—	0.22	µg/L	Y	U	U	10-17	CAWR-09-12502	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.09	—	—	0.22	µg/L	Y	U	U	10-17	CAWR-09-12506	GELC
Spring 3A	—	09/29/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(b)fluoranthene	205-99-2	Y	0.0256	—	—	0.0168	µg/L	Y	J	J	2014-4645	CAWR-14-86895	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1.02	—	—	0.306	µg/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1.02	—	—	0.306	µg/L	Y	U	U	2014-2583	CAWR-13-42127	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1	—	—	0.3	µg/L	Y	U	U	12-15	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1.04	—	—	0.21	µg/L	Y	U	U	10-4795	CAWR-10-25437	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1.05	—	—	0.21	µg/L	Y	U	U	10-4795	CAWR-10-25440	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1.09	—	—	0.22	µg/L	Y	U	U	10-17	CAWR-09-12502	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1.09	—	—	0.22	µg/L	Y	U	U	10-17	CAWR-09-12506	GELC
Spring 3A	—	09/29/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(k)fluoranthene	207-08-9	Y	0.0222	—	—	0.00842	µg/L	Y	J	J	2014-4645	CAWR-14-86895	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1.02	—	—	0.306	µg/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1.02	—	—	0.306	µg/L	Y	U	U	2014-2583	CAWR-13-42127	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1	—	—	0.3	µg/L	Y	U	U	12-15	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1.04	—	—	0.21	µg/L	Y	U	U	10-4795	CAWR-10-25437	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1.05	—	—	0.21	µg/L	Y	U	U	10-4795	CAWR-10-25440	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1.09	—	—	0.22	µg/L	Y	U	U	10-17	CAWR-09-12502	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1.09	—	—	0.22	µg/L	Y	U	U	10-17	CAWR-09-12506	GELC
Spring 3A	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.2	—	—	15	µg/L	Y	J	J	2015-17	CAWR-14-86972	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	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	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	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.4	—	—	0.05	mg/L	Y	—	NQ	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	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	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.895	1.57	5.69	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.53	1.59	5.29	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.4	1.77	5.79	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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
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	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.31	—	—	0.067	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	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	—	09/27/10	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	—	09/28/09	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	—	09/28/09	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.56	—	—	2	µg/L	Y	J	J	2015-17	CAWR-14-86972	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	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	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	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	—	09/27/10	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	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Chrysene	218-01-9	Y	0.0246	—	—	0.0168	µg/L	Y	J	J	2014-4645	CAWR-14-86895	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.02	—	—	0.306	µg/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.02	—	—	0.306	µg/L	Y	U	U	2014-2583	CAWR-13-42127	GELC
Spring 3A	—	10/03/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1	—	—	0.3	µg/L	Y	U	U	12-15	CAWR-11-28005	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.04	—	—	0.21	µg/L	Y	U	U	10-4795	CAWR-10-25437	GELC
Spring 3A	—	09/27/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.05	—	—	0.21	µg/L	Y	U	U	10-4795	CAWR-10-25440	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	REG	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.09	—	—	0.22	µg/L	Y	U	U	10-17	CAWR-09-12502	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.09	—	—	0.22	µg/L	Y	U	U	10-17	CAWR-09-12506	GELC
Spring 3A	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.96	1.66	5.14	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.851	1.48	6.02	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.14	1.58	6.64	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	—	0.033	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	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	—	09/27/10	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	—	09/28/09	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	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.91	0.72	2.1	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.64	1.02	2.86	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.5	1.05	2.71	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	—	09/24/12	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	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.71	0.87	2.78	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.66	0.937	2.96	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.88	1.04	2.97	—	pCi/L	Y	—	NQ	2014-2583	CAWR-13-42127	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.8	—	—	0.453	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.92	—	—	0.11	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.83	—	—	0.085	mg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	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	—	09/28/09	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.775	—	—	0.165	µg/L	Y	—	J	2015-17	CAWR-14-86972	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	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.1	µg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	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	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.627	2.84	9.98	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.72	2.92	9.88	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.11	3.33	12.1	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.017	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	—	09/29/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.462	—	—	0.05	µg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	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	—	09/27/10	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

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	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	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0141	0.0094	0.0349	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00337	0.0243	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00549	0.00776	0.028	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00705	0.00779	0.0308	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.019	0.00952	0.0372	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00274	0.0091	0.0429	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.97	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.76	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.5	25.3	55.3	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.7	17.8	73.2	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	25.8	24.7	61.1	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	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	—	09/27/10	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.6	—	—	0.053	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	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	—	09/28/09	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.5	—	—	0.1	mg/L	Y	—	NQ	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.601	1.4	4.41	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.13	1.26	4.6	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.004	1.48	5.7	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	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	—	09/27/10	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

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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	3.63	µS/cm	Y	—	NQ	2015-17	CAWR-14-86972	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	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	—	09/27/10	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
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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	238	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.2	0.158	0.528	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.247	0.0894	0.461	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.283	0.141	0.457	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42127	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.77	—	—	0.133	mg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	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	—	09/28/09	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	J	2015-17	CAWR-14-86972	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	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	—	09/27/10	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	—	09/28/09	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	—	09/28/09	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.4	—	—	0.067	µg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.42	—	—	0.05	µg/L	Y	—	NQ	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	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	—	09/28/09	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.801	0.0485	0.0718	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.02	0.0531	0.0538	—	pCi/L	Y	—	NQ	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.928	0.051	0.0539	—	pCi/L	Y	—	NQ	2014-2583	CAWR-13-42127	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
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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0247	0.0117	0.0502	—	pCi/L	Y	U	U	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0131	0.0104	0.0339	—	pCi/L	Y	U	U	2014-2583	CAWR-13-42151	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	—	12/02/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0362	0.0127	0.0339	—	pCi/L	Y	—	U	2014-2583	CAWR-13-42127	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.505	0.0381	0.0382	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86945	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.617	0.041	0.0285	—	pCi/L	Y	—	NQ	2014-2583	CAWR-13-42151	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.583	0.0397	0.0286	—	pCi/L	Y	—	NQ	2014-2583	CAWR-13-42127	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.4	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86972	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.52	—	—	3.3	µg/L	Y	J	J	2015-17	CAWR-14-86972	GELC
Spring 3A	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-1571	CAWR-12-23467	GELC
Spring 3A	—	10/03/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-16	CAWR-11-28007	GELC
Spring 3A	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-4825	CAWR-10-25436	GELC
Spring 3A	—	09/27/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-4825	CAWR-10-25441	GELC
Spring 3A	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-42	CAWR-09-12500	GELC
Spring 3A	—	09/28/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-42	CAWR-09-12505	GELC
Spring 3AA	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	0.725	mg/L	Y	H	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00723	0.00723	0.0458	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	-0.000905	0.002	0.035	—	pCi/L	Y	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0689	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.33	—	—	1.7	µg/L	Y	J	J	2015-20	CAWR-14-86973	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
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

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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	9.38	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.702	1.11	3.81	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	—	0.067	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.98	—	—	2	µg/L	Y	J	J	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	1.34	3.99	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.365	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.41	0.652	2.38	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.123	0.845	2.9	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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

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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	0.453	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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
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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.289	—	—	0.11	mg/L	Y	J	J	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.499	2.24	7.54	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.45	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.43	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0023	0.00609	0.0342	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0115	0.0069	0.0302	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.77	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.46	15.3	54.4	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	41	—	—	0.053	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	GELC
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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.457	1.17	4.14	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	3.63	µS/cm	Y	H	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	158	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.28	0.122	0.478	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	—	—	0.133	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.27	—	—	0.067	µg/L	Y	—	NQ	2015-20	CAWR-14-86973	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.805	0.053	0.083	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86946	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0163	0.0141	0.0581	—	pCi/L	Y	U	U	2015-20	CAWR-14-86946	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

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	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
Spring 3AA	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.415	0.0379	0.0442	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86946	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.5	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86973	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 4	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.4	—	—	0.01	SU	Y	H	NQ	2015-17	CAWR-14-86974	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.3	—	—	0.725	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0103	0.0103	0.0436	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	44.4	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40.6	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28013	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	—	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.5	—	—	15	µg/L	Y	J	J	2015-17	CAWR-14-86974	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	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	12-45	CAWR-11-28013	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	—	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.067	mg/L	Y	J	J	2015-17	CAWR-14-86974	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	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	—	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	—	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.6	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.43	1.17	3.82	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	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	—	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	—	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.74	—	—	0.067	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	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	—	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	—	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.46	—	—	2	µg/L	Y	J	J	2015-17	CAWR-14-86974	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.49	1.45	4.22	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.39	—	—	0.033	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	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	—	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	—	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.549	0.805	3	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.438	0.811	2.89	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.1	—	—	0.453	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.2	—	—	0.45	mg/L	Y	—	NQ	12-45	CAWR-11-28013	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

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	—	09/27/10	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	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	Y	0.0000114	—	—	0.0000173	µg/L	Y	J	J	2015-19	CAWR-14-86947	CFA
Spring 4	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000547	—	—	0.0000182	µg/L	Y	U	U	12-1567	CAWR-12-23397	CFA
Spring 4	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	Y	0.0000171	—	—	0.0000173	µg/L	Y	J	J	2015-19	CAWR-14-86947	CFA
Spring 4	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0	—	—	0.0000182	µg/L	Y	U	U	12-1567	CAWR-12-23397	CFA
Spring 4	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.65	—	—	0.11	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	GELC
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	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.48	—	—	0.11	mg/L	Y	—	NQ	12-45	CAWR-11-28013	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	—	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.82	2.21	8.24	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.6	—	—	0.085	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	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	—	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	—	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	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	Y	0.000114	—	—	0.0000347	µg/L	Y	—	NQ	2015-19	CAWR-14-86947	CFA
Spring 4	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000109	—	—	0.0000366	µg/L	Y	U	U	12-1567	CAWR-12-23397	CFA
Spring 4	—	09/29/14	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	Y	0.0000119	—	—	0.0000347	µg/L	Y	J	J	2015-19	CAWR-14-86947	CFA
Spring 4	—	09/24/12	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000109	—	—	0.0000366	µg/L	Y	U	U	12-1567	CAWR-12-23397	CFA
Spring 4	—	09/29/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.657	—	—	0.05	µg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00656	0.00489	0.0325	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00437	0.00536	0.0287	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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

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	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.56	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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
Spring 4	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.1	15.6	50.7	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	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	—	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	—	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.62	—	—	1.5	µg/L	Y	J	J	2015-17	CAWR-14-86974	GELC
Spring 4	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-1575	CAWR-12-23469	GELC
Spring 4	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.53	—	—	1.5	µg/L	Y	J	J	12-45	CAWR-11-28013	GELC
Spring 4	—	10/05/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-45	CAWR-11-28016	GELC
Spring 4	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.24	—	—	1	µg/L	Y	J	J	10-4825	CAWR-10-25432	GELC
Spring 4	—	03/24/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.2	—	—	0.48	µg/L	Y	J	J	10-2607	CAWR-10-14103	STSL
Spring 4	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	52	—	—	0.053	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	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	—	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	—	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	12-45	CAWR-11-28013	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	—	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.33	1.38	5.45	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	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	—	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	—	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	3.63	µS/cm	Y	—	NQ	2015-17	CAWR-14-86974	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	135	—	—	1	µg/L	Y	—	NQ	12-45	CAWR-11-28013	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	—	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	—	09/29/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.317	0.123	0.486	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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

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	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	—	09/29/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	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	—	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	—	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
Spring 4	—	09/29/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.134	—	—	0.033	mg/L	Y	—	NQ	2015-17	CAWR-14-86947	GELC
Spring 4	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1575	CAWR-12-23441	GELC
Spring 4	—	10/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0752	—	—	0.035	mg/L	Y	J	U	12-44	CAWR-11-28011	GELC
Spring 4	—	10/05/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0866	—	—	0.035	mg/L	Y	J	U	12-44	CAWR-11-28014	GELC
Spring 4	—	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-10-25434	GELC
Spring 4	—	09/28/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.071	—	—	0.033	mg/L	Y	J	U	10-41	CAWR-09-12520	GELC
Spring 4	—	09/29/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.34	—	—	0.33	mg/L	Y	—	NQ	2015-17	CAWR-14-86947	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	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	—	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	—	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.773	—	—	0.067	µg/L	Y	—	NQ	2015-17	CAWR-14-86974	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	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	12-45	CAWR-11-28013	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	—	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.567	0.039	0.0646	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86947	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	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	—	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	—	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0349	0.0123	0.0452	—	pCi/L	Y	U	U	2015-17	CAWR-14-86947	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	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	—	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	—	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	—	09/29/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.331	0.0298	0.0344	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86947	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	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	—	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	—	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

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	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	—	09/29/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.87	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86974	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 4A	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.8	—	—	0.725	mg/L	Y	H	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00781	0.00957	0.0495	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00599	0.00528	0.026	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0345	—	—	0.017	mg/L	Y	J	J	2015-20	CAWR-14-86975	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
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	—	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
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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.5	—	—	1.7	µg/L	Y	J	J	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0863	—	—	0.067	mg/L	Y	J	J	2015-20	CAWR-14-86975	GELC
Spring 4A	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1570	CAWR-12-23470	GELC
Spring 4A	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.092	—	—	0.066	mg/L	Y	J	J	12-28	CAWR-11-28020	GELC
Spring 4A	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-4825	CAWR-10-25450	GELC
Spring 4A	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.075	—	—	0.026	mg/L	Y	J	J	10-2607	CAWR-10-14105	STSL
Spring 4A	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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

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	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.203	1.05	3.75	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.577	1.63	5.68	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.49	—	—	0.067	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.73	—	—	2	µg/L	Y	J	J	2015-20	CAWR-14-86975	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	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	—	09/27/10	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	—	09/28/09	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.573	1.11	3.94	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.44	1.49	6.29	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.432	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.759	0.765	2.69	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.561	0.735	2.92	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.83	0.926	2.7	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.728	0.473	1.56	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	GELC
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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.5	—	—	0.453	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2015-20	CAWR-14-86975	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

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	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.1	µg/L	Y	—	NQ	10-42	CAWR-09-12523	GELC
Spring 4A	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.37	2.06	7.06	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.476	2.55	9.13	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.589	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00232	0.00613	0.0344	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00238	0.00533	0.0243	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00232	0.00897	0.0304	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0167	0.00982	0.0373	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.05	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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
Spring 4A	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.91	15.6	55.1	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-42.2	16.3	54	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.36	0.991	4	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0979	1.39	5.44	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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

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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	3.63	µS/cm	Y	H	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.8	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0441	0.131	0.481	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.023	0.129	0.473	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.68	—	—	0.133	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	2015-20	CAWR-14-86975	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.907	0.0538	0.0761	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.933	0.0467	0.0462	—	pCi/L	Y	—	NQ	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0187	0.0135	0.0533	—	pCi/L	Y	U	U	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0197	0.0116	0.0291	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.408	0.0362	0.0406	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86948	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.354	0.0298	0.0245	—	pCi/L	Y	—	NQ	2014-2599	CAWR-13-42152	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.03	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86975	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 4AA	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	2015-20	CAWR-14-86976	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	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.3	—	—	0.725	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00329	0.0153	0.0275	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.164	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	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-11-28022	GELC
Spring 4AA	—	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-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.219	—	—	0.0081	mg/L	Y	—	J-	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.38	—	—	1.7	µg/L	Y	J	J	2015-20	CAWR-14-86976	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	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-11-28022	GELC
Spring 4AA	—	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-10-25453	GELC
Spring 4AA	—	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-09-12527	GELC
Spring 4AA	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.7	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.7	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0933	—	—	0.067	mg/L	Y	J	J	2015-20	CAWR-14-86976	GELC
Spring 4AA	—	09/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1571	CAWR-12-23471	GELC
Spring 4AA	—	10/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.102	—	—	0.066	mg/L	Y	J	J	12-28	CAWR-11-28022	GELC
Spring 4AA	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	—	0.066	mg/L	Y	J	J	10-4825	CAWR-10-25453	GELC
Spring 4AA	—	03/24/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.067	—	—	0.026	mg/L	Y	J	J	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	09/30/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	Y	3.51	—	—	2	µg/L	Y	HJ	J	2015-20	CAWR-14-86949	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	2	µg/L	Y	U	U	12-1566	CAWR-12-23399	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	1.3	µg/L	Y	U	UJ	12-27	CAWR-11-28021	GELC
Spring 4AA	—	09/27/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	1.3	µg/L	Y	U	UJ	10-4795	CAWR-10-25454	GELC
Spring 4AA	—	09/28/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	1.3	µg/L	Y	U	U	10-17	CAWR-09-12526	GELC
Spring 4AA	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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
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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0766	1.7	4.39	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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

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	—	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.27	—	—	0.067	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.92	—	—	2	µg/L	Y	J	J	2015-20	CAWR-14-86976	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	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	—	09/27/10	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	—	09/28/09	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.9	1.22	4.34	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.429	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.45	0.565	2.78	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.24	0.806	2.66	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.5	—	—	0.453	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.4	—	—	0.11	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.165	µg/L	Y	—	NQ	2015-20	CAWR-14-86976	GELC
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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.65	2.14	7.52	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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

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	—	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.956	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.616	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00258	0.00683	0.0383	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00258	0.00855	0.0338	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.94	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.3	14.7	51.6	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.36	1.03	4.43	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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
Spring 4AA	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	3.63	µS/cm	Y	H	NQ	2015-20	CAWR-14-86976	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

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	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0149	0.131	0.485	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.69	—	—	0.133	mg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	N	—	R	2015-20	CAWR-14-86976	GELC
Spring 4AA	—	09/30/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	H	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0339	—	—	0.033	mg/L	Y	J	J	2015-20	CAWR-14-86949	GELC
Spring 4AA	—	09/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1571	CAWR-12-23443	GELC
Spring 4AA	—	10/04/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	12-27	CAWR-11-28021	GELC
Spring 4AA	—	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-10-25455	GELC
Spring 4AA	—	03/24/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.077	mg/L	Y	U	U	10-2606	CAWR-10-14107	STSL
Spring 4AA	—	09/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.385	—	—	0.33	mg/L	Y	J	J	2015-20	CAWR-14-86949	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.396	—	—	0.067	µg/L	Y	—	NQ	2015-20	CAWR-14-86976	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.433	0.0376	0.0768	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86949	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0113	0.0113	0.0538	—	pCi/L	Y	U	U	2015-20	CAWR-14-86949	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	-1.29E-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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.22	0.0269	0.0409	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86949	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

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	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.7	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86976	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
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 4B	—	09/30/14	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	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.4	—	—	0.725	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0216	0.00739	0.0267	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	-0.000027	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0523	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	—	1.7	µg/L	Y	J	J	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	48.8	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.3	—	—	15	µg/L	Y	J	J	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.106	—	—	0.067	mg/L	Y	J	J	2015-20	CAWR-14-86977	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.112	—	—	0.066	mg/L	Y	J	J	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	—	0.066	mg/L	Y	J	J	10-4825	CAWR-10-25457	GELC
Spring 4B	—	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-09-12530	GELC
Spring 4B	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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

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	—	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.15	1.26	4.34	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.22	—	—	0.067	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.36	—	—	2	µg/L	Y	J	J	2015-20	CAWR-14-86977	GELC
Spring 4B	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1571	CAWR-12-23472	GELC
Spring 4B	—	10/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.12	—	—	2	µg/L	Y	J	J	12-45	CAWR-11-28026	GELC
Spring 4B	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.08	—	—	2.5	µg/L	Y	J	J	10-4825	CAWR-10-25457	GELC
Spring 4B	—	09/27/10	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.3	—	—	2.5	µg/L	N	J	J	10-4825	CAWR-10-25457	GELC
Spring 4B	—	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-10-14099	STSL
Spring 4B	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.382	1.32	4.83	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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
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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.409	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.345	0.741	2.99	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.935	0.762	2.59	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.5	—	—	0.453	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.5	—	—	0.11	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	2015-20	CAWR-14-86977	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

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	—	09/28/09	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.576	2.58	9.21	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.909	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.56	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0059	0.00776	0.0518	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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
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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000118	0.0121	0.0455	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.58	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.3	16.9	54.8	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.5	—	—	0.053	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.46	1.21	4.05	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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

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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210	—	—	3.63	µS/cm	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	153	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0788	0.14	0.482	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.45	—	—	0.133	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	2015-20	CAWR-14-86977	GELC
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	—	09/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.111	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86950	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	—	09/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.477	—	—	0.33	mg/L	Y	J	J	2015-20	CAWR-14-86950	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.25	—	—	0.067	µg/L	Y	—	NQ	2015-20	CAWR-14-86977	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	—	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-10-14099	STSL
Spring 4B	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.33	0.0621	0.0714	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86950	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0386	0.0126	0.05	—	pCi/L	Y	U	U	2015-20	CAWR-14-86950	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.788	0.0474	0.038	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86950	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	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.28	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86977	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 5	—	09/30/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.98	—	—	3	µg/L	Y	J	J	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2014-2599	CAWR-13-42153	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	12-44	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-4818	CAWR-10-25339	GELC
Spring 5	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.3	—	—	0.725	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00311	0.00696	0.0394	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00217	0.00842	0.0283	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0705	—	—	0.067	mg/L	Y	J	J	2015-17	CAWR-14-86978	GELC
Spring 5	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1574	CAWR-12-23473	GELC
Spring 5	—	10/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0848	—	—	0.066	mg/L	Y	J	J	12-45	CAWR-11-28031	GELC
Spring 5	—	09/28/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-4819	CAWR-10-25338	GELC
Spring 5	—	09/29/09	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-09-12513	GELC
Spring 5	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0767	1.78	6.23	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.22	1.38	3.91	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/25/12	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.09	—	—	0.067	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.31	—	—	2	µg/L	Y	J	J	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.874	1.59	6.13	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.67	1.38	5.62	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.519	0.515	2.52	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.84	0.671	2.95	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.7	0.851	2.97	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1	0.5	1.64	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.3	—	—	0.453	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.73	—	—	0.11	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.968	—	—	0.165	µg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.81	2.46	10.8	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.27	2.83	9.32	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/25/12	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.743	—	—	0.017	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.45	—	—	0.05	µg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0136	0.00582	0.0288	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00198	0.00444	0.0202	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00969	0.00845	0.0254	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00595	0.00715	0.031	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	GELC
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-1.32E-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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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
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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	36.9	22	69.7	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	44.4	23.9	48.5	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.128	1.69	6.24	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.37	1.55	4.79	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	3.63	µS/cm	Y	—	NQ	2015-17	CAWR-14-86978	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

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	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.8	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.262	0.148	0.485	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.366	0.152	0.489	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.78	—	—	0.133	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2015-17	CAWR-14-86978	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	—	09/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.373	—	—	0.33	mg/L	Y	J	J	2015-17	CAWR-14-86951	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.578	—	—	0.067	µg/L	Y	—	NQ	2015-17	CAWR-14-86978	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
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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.402	0.0341	0.0666	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.414	0.0292	0.0399	—	pCi/L	Y	—	NQ	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00654	0.00801	0.0466	—	pCi/L	Y	U	U	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0122	0.00731	0.0251	—	pCi/L	Y	U	U	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.235	0.0252	0.0355	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86951	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.199	0.0204	0.0212	—	pCi/L	Y	—	NQ	2014-2599	CAWR-13-42153	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	—	09/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.9	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86978	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

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	Vanadium	V	Y	10	—	—	1	µg/L	Y	—	NQ	10-42	CAWR-09-12513	GELC
Spring 6	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	2015-22	CAWR-14-86981	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	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	—	09/29/09	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.725	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	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	—	09/28/10	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	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0298	0.0122	0.0264	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0114	0.00537	0.0247	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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
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	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	—	09/28/10	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0275	—	—	0.017	mg/L	Y	J	J	2015-22	CAWR-14-86981	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	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	—	09/29/09	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.51	—	—	1.7	µg/L	Y	J	J	2015-22	CAWR-14-86981	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	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	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	—	09/29/09	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.528	1.46	4.8	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.91	1.03	4.04	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.06	—	—	0.067	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	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	—	09/28/10	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	—	09/29/09	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	—	09/29/09	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.59	—	—	2	µg/L	Y	J	J	2015-22	CAWR-14-86981	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	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	—	09/28/10	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	—	09/29/09	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	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.88	1.28	4.82	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.79	0.956	4.07	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	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	—	09/28/10	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.293	—	—	0.033	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	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	—	09/28/10	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	—	09/29/09	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	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00506	0.772	2.99	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0959	0.346	1.19	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.78	0.929	2.94	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-1.33	0.595	2.66	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.2	—	—	0.35	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	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	—	09/29/09	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	—	09/29/09	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.35	mg/L	Y	—	NQ	10-46	CAWR-09-12546	GELC

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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.66	—	—	0.11	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.5	—	—	0.085	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	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	—	09/29/09	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
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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.13	—	—	0.1	µg/L	Y	—	U	10-46	CAWR-09-12543	GELC
Spring 6	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.577	2.63	8.41	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.636	2.26	7.66	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	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	—	09/28/10	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	—	10/01/14	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	2015-22	CAWR-14-86981	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	—	10/01/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	—	0.05	µg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	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	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00637	0.0386	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00698	0.00698	0.0237	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	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	—	09/28/10	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0052	0.00636	0.0341	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00465	0.00931	0.0364	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	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
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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	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

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	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	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.9	17.2	58.9	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.39	15.5	43.2	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	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	—	09/28/10	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	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	—	09/28/10	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	—	09/29/09	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	—	09/29/09	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.286	1.17	4.49	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0725	1.01	3.79	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	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	—	09/28/10	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	3.63	µS/cm	Y	—	NQ	2015-22	CAWR-14-86981	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	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	—	09/29/09	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.6	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86981	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
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	—	09/28/10	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	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.279	0.114	0.49	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.157	0.142	0.485	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	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	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	—	09/28/10	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.3	—	—	0.133	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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

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	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	—	09/28/10	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	—	09/29/09	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	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	—	09/28/10	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	—	09/29/09	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	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.33	—	—	0.33	mg/L	Y	J	J	2015-22	CAWR-14-86954	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.243	—	—	0.067	µg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.537	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25375	GELC
Spring 6	—	09/28/10	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	—	09/29/09	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.181	0.0325	0.101	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.273	0.0306	0.0622	—	pCi/L	Y	—	NQ	2014-2640	CAWR-13-42155	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0199	0.0141	0.071	—	pCi/L	Y	U	U	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0076	0.0093	0.0392	—	pCi/L	Y	U	U	2014-2640	CAWR-13-42155	GELC
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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.133	0.0239	0.0541	—	pCi/L	Y	—	NQ	2015-22	CAWR-14-86954	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.086	0.0179	0.033	—	pCi/L	Y	—	NQ	2014-2640	CAWR-13-42155	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.49	—	—	1	µg/L	Y	—	NQ	2015-22	CAWR-14-86981	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	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	10-4819	CAWR-10-25375	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	—	09/29/09	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 6A	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	2015-20	CAWR-14-86982	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	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00468	0.00916	0.0354	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0607	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	—	1.7	µg/L	Y	J	J	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1573	CAWR-12-23477	GELC
Spring 6A	—	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-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.8	—	—	1.5	µg/L	Y	J	J	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-20	CAWR-08-15541	GELC
Spring 6A	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.9	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.01	1.51	5.16	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.067	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.51	—	—	2	µg/L	Y	J	J	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.341	1.29	4.81	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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

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	—	09/28/10	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.288	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.74	0.806	2.43	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.91	0.961	2.84	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86955	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.2	—	—	0.453	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	44.6	—	—	30	µg/L	Y	J	J	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	25	µg/L	Y	U	U	09-20	CAWR-08-15541	GELC
Spring 6A	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	21.1	—	—	2	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	10-46	CAWR-09-12550	GELC
Spring 6A	—	09/30/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	09-20	CAWR-08-15541	GELC
Spring 6A	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.51	2.5	8.49	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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
Spring 6A	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.283	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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

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	—	09/29/09	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	—	10/01/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.271	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00799	0.00883	0.0396	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00266	0.00799	0.0349	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	41	24.5	59.2	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	—	0.053	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.383	1.31	4.7	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	3.63	µS/cm	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.3	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.322	0.15	0.487	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.31	—	—	0.133	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.051	—	—	0.033	mg/L	Y	J	J	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	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	10-4818	CAWR-10-25382	GELC
Spring 6A	—	09/29/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-50	CAWR-09-12551	GELC
Spring 6A	—	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-08-15542	GELC
Spring 6A	—	10/01/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.449	—	—	0.33	mg/L	Y	J	J	2015-20	CAWR-14-86955	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.146	—	—	0.067	µg/L	Y	J	J	2015-20	CAWR-14-86982	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.181	0.0254	0.0734	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86955	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.00953	0.0514	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.108	0.0187	0.0391	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86955	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.57	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	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

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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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
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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00715	0.00715	0.0453	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.11	1.69	4.65	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.76	—	—	0.067	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.08	1.59	5.41	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00749	0.526	2.21	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.5	0.376	1.18	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86956	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	EPA:900	Gross beta	GROSSB	N	2.44	0.901	2.78	—	pCi/L	Y	U	U	12-1570	CAWR-12-23450	GELC
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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	46.9	—	—	30	µg/L	Y	J	J	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.29	—	—	0.11	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	16.1	—	—	2	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.42	3.13	10.9	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0966	—	—	0.017	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.158	—	—	0.05	µg/L	Y	J	J	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00668	0.00739	0.0331	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00223	0.00668	0.0292	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
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

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	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.05	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	43.3	19.2	48.8	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.9	—	—	0.053	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.691	1.72	5.16	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	3.63	µS/cm	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.191	0.0621	0.223	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.93	—	—	0.133	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	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

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: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
Spring 8A	—	10/01/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.526	—	—	0.33	mg/L	Y	J	J	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.154	—	—	0.067	µg/L	Y	J	J	2015-17	CAWR-14-86983	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.109	0.0171	0.0597	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86956	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0147	0.00775	0.0418	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0545	0.0119	0.0318	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86956	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.5	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	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 9	—	10/01/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.26	—	—	3	µg/L	Y	J	J	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2014-2695	CAWR-13-42156	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	U	10-4821	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	U	10-50	CAWR-09-12565	GELC
Spring 9	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.725	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.013	0.0092	0.0412	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00729	0.00806	0.0391	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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

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	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.3	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86984	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
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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.41	1.43	5.25	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.08	2.31	6.97	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.067	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.398	1.37	4.99	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.29	1.83	6.52	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0396	0.714	2.95	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0327	0.665	2.9	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.877	0.89	3	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.185	0.324	1.09	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	Y	0.53	—	—	0.3	µg/L	Y	J	J	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	1	—	—	0.3	µg/L	Y	U	U	2014-2695	CAWR-13-42156	GELC
Spring 9	—	09/25/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	1	—	—	0.3	µg/L	Y	U	U	12-1572	CAWR-12-23451	GELC
Spring 9	—	09/29/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	1	—	—	0.25	µg/L	Y	U	U	10-4821	CAWR-10-25395	GELC
Spring 9	—	09/29/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	1	—	—	0.25	µg/L	Y	U	U	10-50	CAWR-09-12565	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.37	—	—	0.11	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.26	2.7	8.89	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.16	4.02	14	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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
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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.115	—	—	0.017	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.243	—	—	0.05	µg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00702	0.0145	0.0528	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00778	0.0273	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0158	0.0207	0.0465	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0127	0.00777	0.0657	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.32	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.42	14.6	56	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.86	30.9	70.7	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.6	—	—	0.053	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	09/25/12	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.201	1.24	4.61	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	2.56	7.8	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	3.63	µS/cm	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.1	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86984	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
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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.223	0.146	0.485	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.15	0.142	0.477	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.32	—	—	0.133	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	2015-17	CAWR-14-86984	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	—	10/01/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.288	—	—	0.033	mg/L	Y	—	NQ	2015-17	CAWR-14-86957	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	—	10/01/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.21	—	—	0.33	mg/L	Y	—	NQ	2015-17	CAWR-14-86957	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0184	—	—	0.017	mg/L	Y	J	J	2015-17	CAWR-14-86984	GELC
Spring 9	—	09/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.018	—	—	0.017	mg/L	Y	J	U	12-1572	CAWR-12-23479	GELC
Spring 9	—	09/29/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.085	—	—	0.015	mg/L	Y	—	U	10-4822	CAWR-10-25393	GELC
Spring 9	—	09/29/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.063	—	—	0.015	mg/L	Y	—	U	10-51	CAWR-09-12566	GELC
Spring 9	—	09/30/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.037	—	—	0.024	mg/L	Y	J	U	09-20	CAWR-08-15538	GELC
Spring 9	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.259	—	—	0.067	µg/L	Y	—	NQ	2015-17	CAWR-14-86984	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

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-846:6020	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.571	0.0415	0.0698	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.157	0.0294	0.0383	—	pCi/L	Y	—	NQ	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0171	0.0103	0.0489	—	pCi/L	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0267	0.0148	0.0345	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.322	0.0311	0.0372	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86957	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0648	0.0252	0.024	—	pCi/L	Y	—	U	2014-2695	CAWR-13-42156	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.29	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86984	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 9A	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	NQ	2015-20	CAWR-14-86985	GELC
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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.7	—	—	0.725	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00399	0.0105	0.0505	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00419	0.0475	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0464	—	—	0.017	mg/L	Y	J	J	2015-20	CAWR-14-86985	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.92	—	—	1.7	µg/L	Y	J	J	2015-20	CAWR-14-86985	GELC
Spring 9A	—	09/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1572	CAWR-12-23480	GELC
Spring 9A	—	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-11-28049	GELC
Spring 9A	—	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-10-25397	GELC
Spring 9A	—	09/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.88	—	—	1.5	µg/L	Y	J	J	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	10.3	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86985	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

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	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.74	1.52	4.82	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0709	1.55	5.61	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	—	0.067	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.07	1.48	5.24	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.73	1.24	4.15	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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
Spring 9A	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.602	0.587	2.73	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.478	0.797	2.99	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-1.33	0.726	2.87	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.23	0.343	1.08	—	pCi/L	Y	—	NQ	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40	—	—	0.453	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.165	µg/L	Y	—	NQ	2015-20	CAWR-14-86985	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

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-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.1	µg/L	Y	—	NQ	10-51	CAWR-09-12569	GELC
Spring 9A	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.485	2.98	10.3	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.29	3.05	10.4	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.154	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.214	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0047	0.00575	0.0349	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0277	0.0146	0.0476	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0141	0.00742	0.0308	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00553	0.0199	0.115	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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
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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.12	17.4	63.6	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.5	25.6	49.3	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.468	1.46	5.32	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.974	1.71	5.78	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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

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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	3.63	µS/cm	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.9	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.228	0.127	0.485	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.326	0.148	0.482	—	pCi/L	Y	U	U	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.87	—	—	0.133	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2015-20	CAWR-14-86985	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	—	10/01/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0448	—	—	0.033	mg/L	Y	J	J	2015-20	CAWR-14-86958	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	—	10/01/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.58	—	—	0.33	mg/L	Y	J	J	2015-20	CAWR-14-86958	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
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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.166	—	—	0.067	µg/L	Y	J	J	2015-20	CAWR-14-86985	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.219	0.0286	0.0767	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.04	0.0547	0.0348	—	pCi/L	Y	—	NQ	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0226	0.0141	0.0537	—	pCi/L	Y	U	U	2015-20	CAWR-14-86958	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0415	0.0138	0.0313	—	pCi/L	Y	—	NQ	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.143	0.0222	0.0409	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86958	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	—	12/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.485	0.0381	0.0218	—	pCi/L	Y	—	NQ	2014-2695	CAWR-13-42157	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	—	10/01/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.88	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86985	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

Appendix D

Groundwater Results Greater Than Half of Screening Levels

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	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
Regional Spring	Spring 3	09/29/14	Rad[a]	Gross beta	GROSSB	UF[b]	INIT[c]	REG[d]	Y[e]	66.3	—[f]	2.86	2.68	pCi/L	1	—	R[g]	R88[h]	Y	EPA:900	GELC[i]	50	EPA SEC DW LVL[j]	1.33
Base flow	Frijoles at Rio Grande	10/01/14	Inorganic	Arsenic	As	F[k]	INIT	REG	Y	4.53	1.7	—	—	µg/L	1	J[l]	J[m]	J_LAB[n]	Y	SW-846:6020	GELC	9	NM HH OO[o]	0.50
Base flow	Rio Grande at Frijoles	10/01/14	Inorganic	Arsenic	As	F	INIT	REG	Y	4.66	1.7	—	—	µg/L	1	J	J	J_LAB	Y	SW-846:6020	GELC	9	NM HH OO	0.52
Base flow	Rio Grande at Frijoles	10/01/14	Rad	Gross alpha	GROSSA	UF	INIT	REG	Y	7.55	—	1.47	3	pCi/L	1	—	NQ[p]	NQ	Y	EPA:900	GELC	15	NMWQCC LVSTK WTR STD[q]	0.50

[a] Rad = Radionuclides.

[b] UF = Unfiltered.

[c] INIT = Initial.

[d] REG = Regular.

[e] Y = Yes.

[f] — = None.

[g] R = The reported sample result is classified as rejected because of serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.

[h] R88 = Duplicate, dilution, or reanalysis.

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

[j] EPA SEC DW LVL = U.S. Environmental Protection Agency secondary drinking water screening level.

[k] F = Filtered.

[l] In this column, J = The associated numerical value is an estimated quantity.

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

[n] J_LAB = The analytical laboratory qualified the detected result as estimated (J) because the result was less than the practical quantitation limit but greater than the method detection limit.

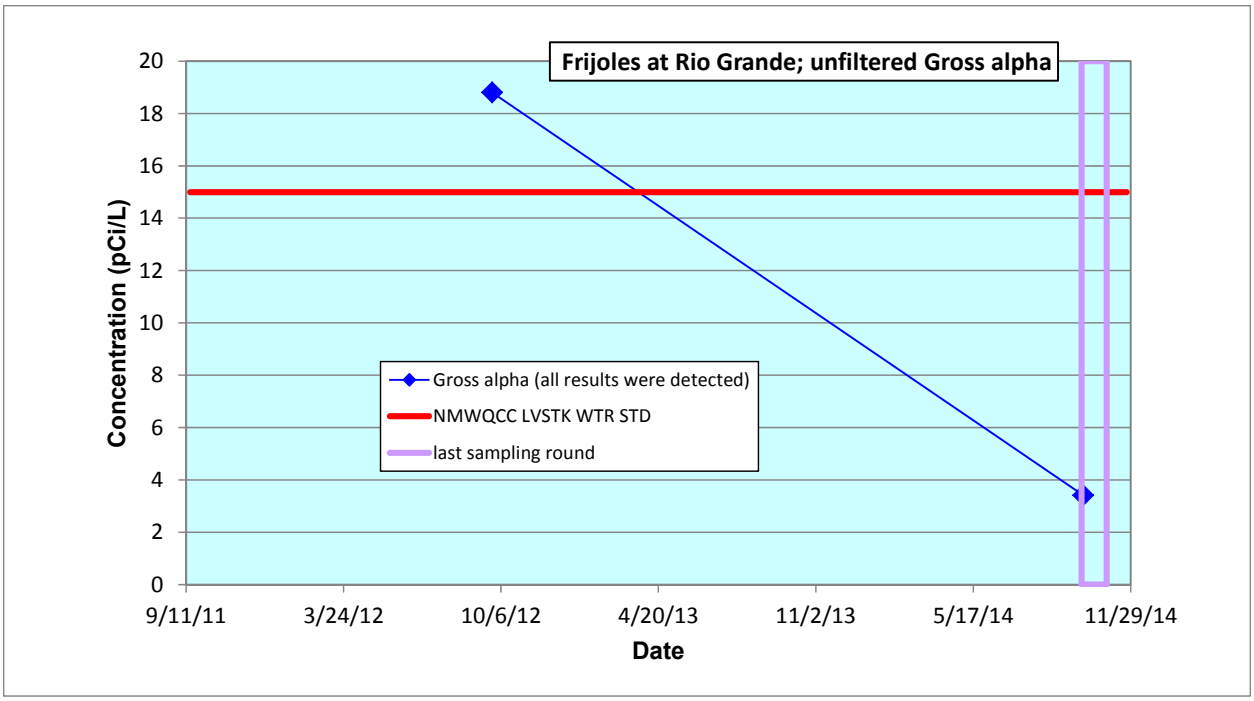
[o] NM HH OO = Human health organism only, New Mexico surface-water standards.

[p] NQ = Not qualified.

[q] 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
9/11/11
3/24/12
10/6/12
4/20/13
11/2/13
5/17/14
11/29/14
Date
Gross alpha (all results were detected)
NMWQCC LVSTK WTR STD
last sampling round

Appendix F

Analytical Reports
(on CD included with this document)

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-4645	Organic	GELC[a]	CAWR-14-86895	09/29/14	Spring 3A	—[b]	—
2014-4645	Organic	GELC	CAWR-14-86896	09/29/14	Spring 3AA	—	—
2014-4645	Organic	GELC	CAWR-14-86897	09/29/14	Spring 4	—	—
2014-4645	Organic	GELC	CAWR-14-86890	09/29/14	Pajarito at Rio Grande	—	—
2014-4645	Organic	GELC	CAWR-14-86883	09/29/14	Spring 3	—	—
2014-4645	Organic	GELC	CAWR-14-86894	09/29/14	Spring 3	—	—
2014-4646	Organic	SHEALY[c]	CAWR-14-86895	09/29/14	Spring 3A	—	—
2014-4646	Organic	SHEALY	CAWR-14-86896	09/29/14	Spring 3AA	—	—
2014-4646	Organic	SHEALY	CAWR-14-86897	09/29/14	Spring 4	—	—
2014-4646	Organic	SHEALY	CAWR-14-86890	09/29/14	Pajarito at Rio Grande	—	—
2014-4646	Organic	SHEALY	CAWR-14-86883	09/29/14	Spring 3	—	—
2014-4646	Organic	SHEALY	CAWR-14-86894	09/29/14	Spring 3	—	—
2015-17	Inorganic	GELC	CAWR-14-86947	09/29/14	Spring 4	—	—
2015-17	Inorganic	GELC	CAWR-14-86974	09/29/14	Spring 4	—	—
2015-17	Inorganic	GELC	CAWR-14-86978	09/30/14	Spring 5	—	—
2015-17	Inorganic	GELC	CAWR-14-86983	10/01/14	Spring 8A	—	—
2015-17	Inorganic	GELC	CAWR-14-86984	10/01/14	Spring 9	—	—
2015-17	Inorganic	GELC	CAWR-14-86945	09/29/14	Spring 3A	—	—
2015-17	Inorganic	GELC	CAWR-14-86956	10/01/14	Spring 8A	—	—
2015-17	Inorganic	GELC	CAWR-14-86951	09/30/14	Spring 5	—	—
2015-17	Inorganic	GELC	CAWR-14-86972	09/29/14	Spring 3A	—	—
2015-17	Inorganic	GELC	CAWR-14-86957	10/01/14	Spring 9	—	—
2015-17	Organic	GELC	CAWR-14-86947	09/29/14	Spring 4	—	—
2015-17	Organic	GELC	CAWR-14-86945	09/29/14	Spring 3A	—	—
2015-17	Organic	GELC	CAWR-14-86956	10/01/14	Spring 8A	—	—
2015-17	Organic	GELC	CAWR-14-86951	09/30/14	Spring 5	—	—
2015-17	Organic	GELC	CAWR-14-86957	10/01/14	Spring 9	—	—
2015-17	Rad[d]	GELC	CAWR-14-86947	09/29/14	Spring 4	—	—
2015-17	Rad	GELC	CAWR-14-86945	09/29/14	Spring 3A	—	—
2015-17	Rad	GELC	CAWR-14-86956	10/01/14	Spring 8A	—	—
2015-17	Rad	GELC	CAWR-14-86951	09/30/14	Spring 5	—	—
2015-17	Rad	GELC	CAWR-14-86957	10/01/14	Spring 9	—	—
2015-18	Organic	SHEALY	CAWR-14-86947	09/29/14	Spring 4	—	—
2015-18	Organic	SHEALY	CAWR-14-86956	10/01/14	Spring 8A	—	—
2015-18	Organic	SHEALY	CAWR-14-86945	09/29/14	Spring 3A	—	—
2015-18	Organic	SHEALY	CAWR-14-86951	09/30/14	Spring 5	—	—
2015-18	Organic	SHEALY	CAWR-14-86957	10/01/14	Spring 9	—	—
2015-19	Organic	CFA[e]	CAWR-14-86947	09/29/14	Spring 4	—	—
2015-20	Inorganic	GELC	CAWR-14-86973	09/29/14	Spring 3AA	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-20	Inorganic	GELC	CAWR-14-86975	09/30/14	Spring 4A	—	—
2015-20	Inorganic	GELC	CAWR-14-86948	09/30/14	Spring 4A	—	—
2015-20	Inorganic	GELC	CAWR-14-86976	09/30/14	Spring 4AA	—	—
2015-20	Inorganic	GELC	CAWR-14-86977	09/30/14	Spring 4B	—	—
2015-20	Inorganic	GELC	CAWR-14-86949	09/30/14	Spring 4AA	—	—
2015-20	Inorganic	GELC	CAWR-14-86958	10/01/14	Spring 9A	—	—
2015-20	Inorganic	GELC	CAWR-14-86960	09/30/14	Ancho Spring	—	—
2015-20	Inorganic	GELC	CAWR-14-86955	10/01/14	Spring 6A	—	—
2015-20	Inorganic	GELC	CAWR-14-86950	09/30/14	Spring 4B	—	—
2015-20	Inorganic	GELC	CAWR-14-86982	10/01/14	Spring 6A	—	—
2015-20	Inorganic	GELC	CAWR-14-86933	09/30/14	Ancho Spring	—	—
2015-20	Inorganic	GELC	CAWR-14-86946	09/29/14	Spring 3AA	—	—
2015-20	Inorganic	GELC	CAWR-14-86985	10/01/14	Spring 9A	—	—
2015-20	Organic	GELC	CAWR-14-86948	09/30/14	Spring 4A	—	—
2015-20	Organic	GELC	CAWR-14-86958	10/01/14	Spring 9A	—	—
2015-20	Organic	GELC	CAWR-14-86949	09/30/14	Spring 4AA	—	—
2015-20	Organic	GELC	CAWR-14-86955	10/01/14	Spring 6A	—	—
2015-20	Organic	GELC	CAWR-14-86950	09/30/14	Spring 4B	—	—
2015-20	Organic	GELC	CAWR-14-86933	09/30/14	Ancho Spring	—	—
2015-20	Organic	GELC	CAWR-14-86946	09/29/14	Spring 3AA	—	—
2015-20	Rad	GELC	CAWR-14-86948	09/30/14	Spring 4A	—	—
2015-20	Rad	GELC	CAWR-14-86949	09/30/14	Spring 4AA	—	—
2015-20	Rad	GELC	CAWR-14-86958	10/01/14	Spring 9A	—	—
2015-20	Rad	GELC	CAWR-14-86955	10/01/14	Spring 6A	—	—
2015-20	Rad	GELC	CAWR-14-86950	09/30/14	Spring 4B	—	—
2015-20	Rad	GELC	CAWR-14-86933	09/30/14	Ancho Spring	—	—
2015-20	Rad	GELC	CAWR-14-86946	09/29/14	Spring 3AA	—	—
2015-21	Organic	SHEALY	CAWR-14-86948	09/30/14	Spring 4A	—	—
2015-21	Organic	SHEALY	CAWR-14-86958	10/01/14	Spring 9A	—	—
2015-21	Organic	SHEALY	CAWR-14-86949	09/30/14	Spring 4AA	—	—
2015-21	Organic	SHEALY	CAWR-14-86955	10/01/14	Spring 6A	—	—
2015-21	Organic	SHEALY	CAWR-14-86933	09/30/14	Ancho Spring	—	—
2015-21	Organic	SHEALY	CAWR-14-86950	09/30/14	Spring 4B	—	—
2015-21	Organic	SHEALY	CAWR-14-86946	09/29/14	Spring 3AA	—	—
2015-22	Inorganic	GELC	CAWR-14-86886	09/29/14	Spring 3	—	—
2015-22	Inorganic	GELC	CAWR-14-86937	09/29/14	Pajarito at Rio Grande	—	—
2015-22	Inorganic	GELC	CAWR-14-86932	09/30/14	Ancho at Rio Grande	—	—
2015-22	Inorganic	GELC	CAWR-14-86959	09/30/14	Ancho at Rio Grande	—	—
2015-22	Inorganic	GELC	CAWR-14-86944	09/29/14	Spring 3	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-22	Inorganic	GELC	CAWR-14-86961	10/01/14	Frijoles at Rio Grande	—	—
2015-22	Inorganic	GELC	CAWR-14-86981	10/01/14	Spring 6	—	—
2015-22	Inorganic	GELC	CAWR-14-86964	09/29/14	Pajarito at Rio Grande	—	—
2015-22	Inorganic	GELC	CAWR-14-86881	09/29/14	Spring 3	—	—
2015-22	Inorganic	GELC	CAWR-14-86954	10/01/14	Spring 6	—	—
2015-22	Inorganic	GELC	CAWR-14-86965	10/01/14	Rio Grande at Frijoles	—	—
2015-22	Inorganic	GELC	CAWR-14-86971	09/29/14	Spring 3	—	—
2015-22	Inorganic	GELC	CAWR-14-86938	10/01/14	Rio Grande at Frijoles	—	—
2015-22	Inorganic	GELC	CAWR-14-86934	10/01/14	Frijoles at Rio Grande	—	—
2015-22	Organic	GELC	CAWR-14-86932	09/30/14	Ancho at Rio Grande	—	—
2015-22	Organic	GELC	CAWR-14-86937	09/29/14	Pajarito at Rio Grande	—	—
2015-22	Organic	GELC	CAWR-14-86944	09/29/14	Spring 3	—	—
2015-22	Organic	GELC	CAWR-14-86938	10/01/14	Rio Grande at Frijoles	—	—
2015-22	Organic	GELC	CAWR-14-86881	09/29/14	Spring 3	—	—
2015-22	Organic	GELC	CAWR-14-86934	10/01/14	Frijoles at Rio Grande	—	—
2015-22	Organic	GELC	CAWR-14-86954	10/01/14	Spring 6	—	—
2015-22	Organic	GELC	CAWR-14-86904	10/01/14	Spring 6	—	—
2015-22	Rad	GELC	CAWR-14-86937	09/29/14	Pajarito at Rio Grande	—	—
2015-22	Rad	GELC	CAWR-14-86932	09/30/14	Ancho at Rio Grande	—	—
2015-22	Rad	GELC	CAWR-14-86944	09/29/14	Spring 3	—	—
2015-22	Rad	GELC	CAWR-14-86881	09/29/14	Spring 3	—	—
2015-22	Rad	GELC	CAWR-14-86954	10/01/14	Spring 6	—	—
2015-22	Rad	GELC	CAWR-14-86938	10/01/14	Rio Grande at Frijoles	—	—
2015-22	Rad	GELC	CAWR-14-86934	10/01/14	Frijoles at Rio Grande	—	—
2015-23	Organic	SHEALY	CAWR-14-86932	09/30/14	Ancho at Rio Grande	—	—
2015-23	Organic	SHEALY	CAWR-14-86937	09/29/14	Pajarito at Rio Grande	—	—
2015-23	Organic	SHEALY	CAWR-14-86944	09/29/14	Spring 3	—	—
2015-23	Organic	SHEALY	CAWR-14-86938	10/01/14	Rio Grande at Frijoles	—	—
2015-23	Organic	SHEALY	CAWR-14-86881	09/29/14	Spring 3	—	—
2015-23	Organic	SHEALY	CAWR-14-86934	10/01/14	Frijoles at Rio Grande	—	—
2015-23	Organic	SHEALY	CAWR-14-86954	10/01/14	Spring 6	—	—
2015-24	Organic	CFA	CAWR-14-86932	09/30/14	Ancho at Rio Grande	—	—
2015-24	Organic	CFA	CAWR-14-86937	09/29/14	Pajarito at Rio Grande	—	—
2015-24	Organic	CFA	CAWR-14-86944	09/29/14	Spring 3	—	—
2015-24	Organic	CFA	CAWR-14-86881	09/29/14	Spring 3	—	—
2015-24	Organic	CFA	CAWR-14-86938	10/01/14	Rio Grande at Frijoles	—	—
2015-24	Organic	CFA	CAWR-14-86934	10/01/14	Frijoles at Rio Grande	—	—
2015-49	Rad	ARSL[f]	CAWR-14-86933	09/30/14	Ancho Spring	—	—
2015-8	Organic	GELC	CAWR-14-86888	09/30/14	Ancho at Rio Grande	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-8	Organic	GELC	CAWR-14-86898	09/30/14	Spring 4A	—	—
2015-8	Organic	GELC	CAWR-14-86899	09/30/14	Spring 4AA	—	—
2015-8	Organic	GELC	CAWR-14-86900	09/30/14	Spring 4B	—	—
2015-8	Organic	GELC	CAWR-14-86891	09/30/14	Ancho Spring	—	—
2015-8	Organic	GELC	CAWR-14-86901	09/30/14	Spring 5	—	—
2015-9	Organic	SHEALY	CAWR-14-86888	09/30/14	Ancho at Rio Grande	—	—
2015-9	Organic	SHEALY	CAWR-14-86898	09/30/14	Spring 4A	—	—
2015-9	Organic	SHEALY	CAWR-14-86899	09/30/14	Spring 4AA	—	—
2015-9	Organic	SHEALY	CAWR-14-86900	09/30/14	Spring 4B	—	—
2015-9	Organic	SHEALY	CAWR-14-86891	09/30/14	Ancho Spring	—	—
2015-9	Organic	SHEALY	CAWR-14-86901	09/30/14	Spring 5	—	—

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

[b] — = Not applicable.

[c] SHEALY = Shealy Environmental Services, Inc.

[d] Rad = Radiochemistry (not gamma).

[e] CFA = Cape Fear Analytical, LLC.

[f] ARSL = American Radiation Services, Inc.