ERID-256618

LA-UR-14-23014
May 2014
EP2014-0140

Periodic Monitoring Report for White Rock Canyon General Surveillance Monitoring Group, December 2–December 17, 2013

Los Alamos NATIONAL LABORATORY
EST. 1943

Prepared by the Environmental Programs Directorate

EP2014-0140

Periodic Monitoring Report for White Rock Canyon General Surveillance Monitoring Group, December 2–December 17, 2013

May 2014

Responsible project manager:

Steve Paris	[signature]	Project Manager	Environmental Programs	5/15/14
Printed Name	Signature	Title	Organization	Date

Responsible LANS representative:

Jeff Mousseau	[signature]	Associate Director	Environmental Programs	5/15/14
Printed Name	Signature	Title	Organization	Date

Responsible DOE representative:

Peter Maggiore	[signature]	Assistant Manager	DOE-NA-00-LA	5-20-2014
Printed Name	Signature	Title	Organization	Date

EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2014, first quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the White Rock Canyon portion of the General Surveillance monitoring group. This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year, October 2013–September 2014, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from December 2 to December 17, 2013, 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. No results from surface-water samples collected during this PME were above screening levels.

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

CONTENTS

Figures

Tables

Appendixes

Acronyms and Abbreviations

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.)
F	filtered
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
RPF	Records Processing Facility
SOP	standard operating procedure
TA	technical area
UF	unfiltered
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of fiscal year 2014, 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 2014 Monitoring Year, October 2013–September 2014 (2014 IFGMP) (LANL 2013, 241962), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from December 2 to December 17, 2013, 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 2014 IFGMP (LANL 2013, 241962) are assigned to area-specific monitoring groups related to project areas that may be located in more than one watershed. Locations that are not included within one of these six area-specific monitoring groups are assigned to the General Surveillance monitoring group. This PMR presents results from the White Rock Canyon portion of the General Surveillance monitoring group.

The Rio Grande flows from northeast to southwest in the vicinity of the Laboratory and forms a part of the eastern Laboratory boundary. The White Rock Canyon springs are located along the Rio Grande at the eastern border of the Laboratory and on Los Alamos County and San Ildefonso Pueblo lands. The springs serve as monitoring points to detect possible discharges of contaminated groundwater from beneath the Laboratory into the Rio Grande. The White Rock springs are one of the most frequently monitored locations in or next to the Laboratory. Most of the major springs have been sampled regularly since the late 1960s, with some sampled since the early 1950s.

Tritium operations took place at Technical Area 33 (TA-33). The Resource Conservation and Recovery Act facility investigation work plan for Operable Unit 1122 (LANL 1992, 007671) describes environmental concerns at TA-33. To the north of TA-33 lies TA-70, a buffer area where no Laboratory activities have occurred. Adjoining TA-70 to the north are low- to moderate-density residential areas in White Rock, a mix of private property, and Los Alamos County land. A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary. San Ildefonso Pueblo property borders Los Alamos County on the north; this land is undeveloped. San Ildefonso Pueblo operates numerous water-supply wells on both sides of the Rio Grande, and the City of Santa Fe operates the Buckman well field on the east side of the Rio Grande across from White Rock.

2.0 SCOPE OF ACTIVITIES

The PME for the White Rock Canyon General Surveillance monitoring group was conducted pursuant to the 2014 IFGMP (LANL 2013, 241962).

Table 2.0-1 provides the location name, sample collection date, and flow 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 2014 IFGMP (LANL 2013, 241962).

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. Table 3.4-2 presents a list of analytes for which the method detection limits (MDLs) are greater than screening levels.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PME are documented in the 2014 IFGMP (LANL 2013, 241962). 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, and laboratory control samples, and holding times, which indicate the accuracy and precision of the analyses. Based on the results, data qualifiers are applied to indicate data quality issues as well as the usability of results. This process also includes a description of the reasons for any failure to meet method, procedural, or contractual requirements and an evaluation of the impact of such failure on the overall data set.

AQA's reviews follow the guidelines set in the DOE model SOP for data validation, which includes reviewing the data quality and the documentation's correctness and completeness, verifying that holding times were met, and ensuring that analytical laboratory QC measures were applied, documented, and kept within contract requirements. As a result of secondary validation, a second set of qualifiers was assigned to the analytical results.

Auto validation (1) ensures that the electronic data deliverable contains all the required fields, (2) verifies that results of all QC checks and procedures are within valid criteria limits, and (3) applies specific qualifiers and reason codes per the EPA's National Functional Guidelines for data review as well as the

Laboratory's SOPs. Once auto validation is complete, the data are uploaded into the Laboratory's database system and the public database (http://intellusnm.com/).

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

4.2 Analytical Data

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

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

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

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

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

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral (Table 4.2-2). Along with a hardness value, this category determines the screening levels used for data at each monitoring location. Hardness-dependent screening levels used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 to 2010 at each location (Table 4.2-2). Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code (NMAC) 6.4.

- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to Groundwater Cleanup Levels described in Section VIII.A.1 of the Consent Order; for an individual substance, the lesser of the EPA MCL or the NMWQCC groundwater standard is used.
- If an NMWQCC standard or an MCL has not been established for a specific substance for which toxicological information is published, the EPA Regional Screening Levels for Tap Water (formerly Region 6 Screening Levels for Tap Water) are used as the Groundwater Cleanup Level. These screening levels are for either a cancer- or noncancer-risk type. The Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used for screening.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration 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.

Graphs in Appendix E display concentration histories of analytes for locations where the analyte was above its screening level at least once during the three most recent PMEs. Concentrations of the analyte are plotted for a 3-yr period. If 3 yr of data are not available, then all available results for the analyte are plotted. When shown, the solid red lines depict applicable screening levels. Results with a best value flag of N are not included in Appendix E.

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

4.2.1 Surface Water (Base Flow)

No results from previous PME surface-water samples are reported in this PMR. 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.

For groundwater samples collected during this PME, the manganese concentration of 994 µg/L in a filtered primary sample from Sacred Spring on San Ildefonso Pueblo land was above the NMWQCC groundwater standard screening level of 200 µg/L (applicable to domestic water supply). The concentration was 992 µg/L in a field duplicate sample. This is the highest result since 2000 and the second sampling event with results above the screening level. Other results since 2000 range from nondetect (<2.29 µg/L) to 424 µg/L.

The gross-alpha activity of 15.9 pCi/L in an unfiltered sample from La Mesita Spring on San Ildefonso Pueblo land was above the 15-pCi/L EPA MCL screening level. This is the highest result since 2000 and the first result above the screening level. Other results since 2000 in filtered or unfiltered samples range from 7.25 pCi/L to 11.3 pCi/L.

4.3 Sampling Program Modifications

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

5.0 SUMMARY AND INTERPRETATIONS

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

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

5.2.2 Groundwater

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

For results above screening levels, the types of contaminants detected and their concentrations are consistent with data reported from previous PMEs in this monitoring group, with some exceptions. The manganese concentration from Sacred Spring and the gross-alpha activity from La Mesita Spring are the highest since 2000.

5.3 Data Gaps

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

5.4 Remediation System Monitoring

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

6.0 REFERENCES

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

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

LANL (Los Alamos National Laboratory), May 1992. "RFI Work Plan for Operable Unit 1122," Los Alamos National Laboratory document LA-UR-92-925, Los Alamos, New Mexico. (LANL 1992, 007671)

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

LANL (Los Alamos National Laboratory), May 2013. "Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year, October 2013–September 2014," Los Alamos National Laboratory document LA-UR-13-23479, Los Alamos, New Mexico. (LANL 2013, 241962)

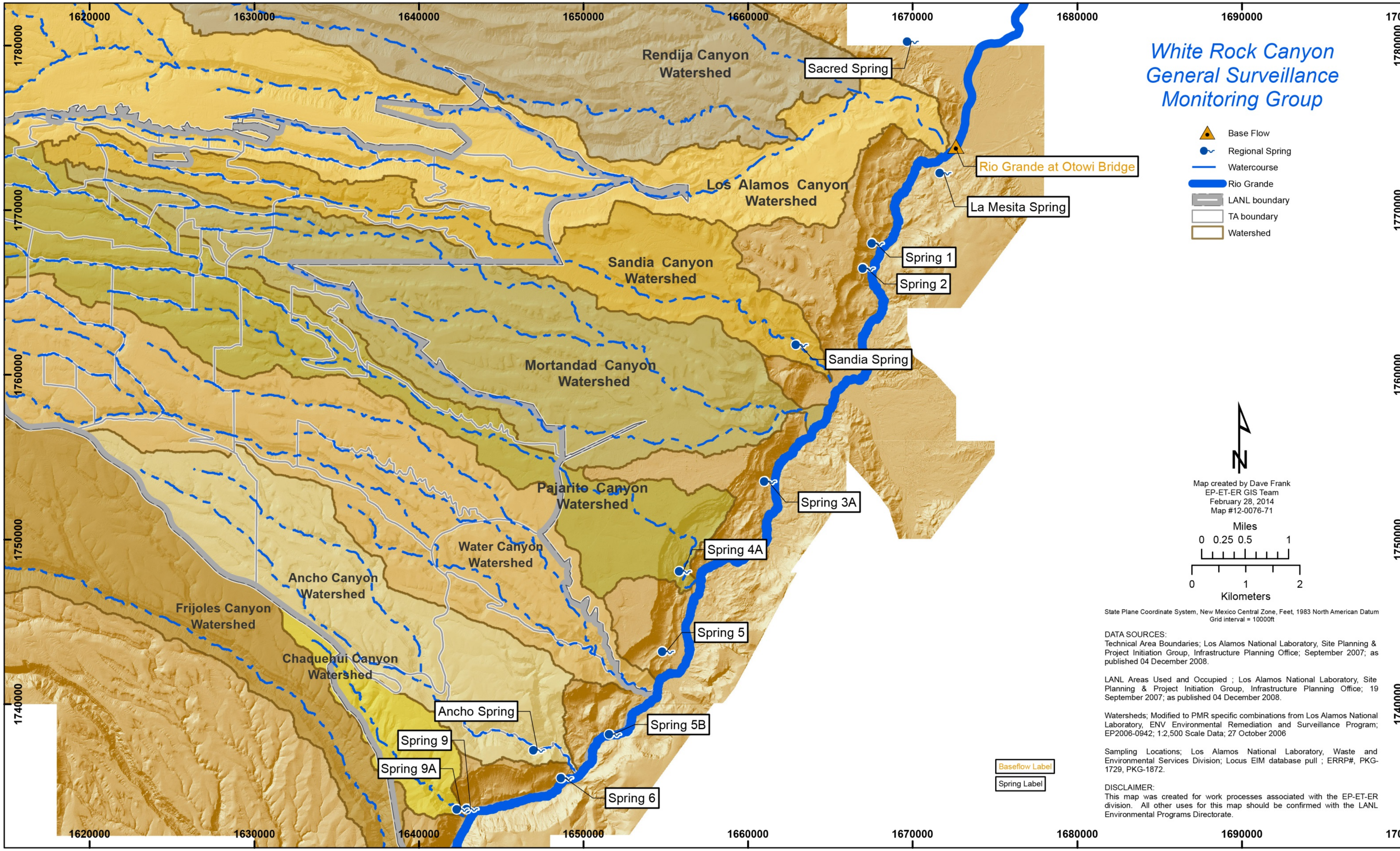


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 3.4-1).

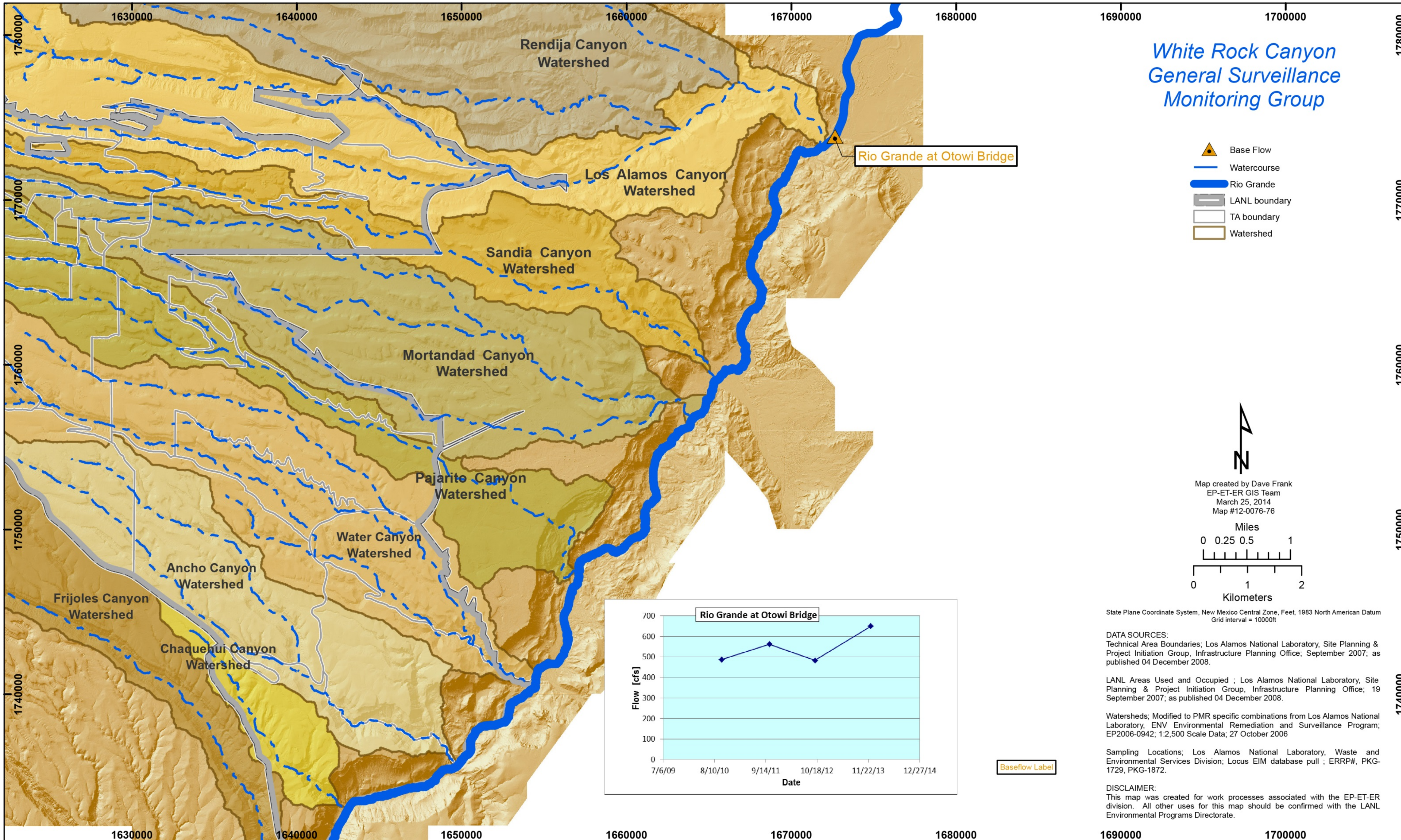


Figure 3.3-1 Base-flow measurements

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

Location	Sample Collection Date	Flow (gpm[a])
Base Flow		
Rio Grande at Otowi Bridge	12/11/13	291720
Springs		
Ancho Spring	12/10/13	4.94
La Mesita Spring	12/17/13	0.36
Sacred Spring	12/12/13	7.60
Sandia Spring	12/12/13	n/a[b]
Spring 1	12/11/13	3.14
Spring 2	n/a	n/a
Spring 3A	12/02/13	13.50
Spring 4A	12/03/13	2.50
Spring 5	12/03/13	8.00
Spring 5B	12/10/13	n/a
Spring 6	12/09/13	13.14
Spring 9	12/16/13	20.20
Spring 9A	12/16/13	4.49

[a] gpm = Gallons per minute.

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

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

Location	Deviation	Cause	Comment
Sandia Spring	No data are included in this report for this location.	The spring was frozen.	The location will be sampled during the next scheduled PME.
Spring 2	No data are included in this report for this location.	Only a small amount of water was present, which appeared to be snowmelt rather than spring discharge.	The location will be sampled during the next scheduled PME.
Spring 5B	The spring flow was not measured at this location.	Flow was not collected because the spring discharges immediately adjacent to the edge of the Rio Grande.	The location will be sampled during the next scheduled PME.

Table 3.4-2
Analytes with MDLs above Screening Levels

Analyte or CAS[a] No.	Analyte Name	MDL	PQL[b]	Screening Level	Unit	Screening-Level Type
Semivolatile Organic Compounds						
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	3	10	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.18	µg/L	NM HH OO[c]
50-32-8	Benzo(a)pyrene	0.2	1	0.18	µg/L	NM HH OO
205-99-2	Benzo(b)fluoranthene	0.2	1	0.18	µg/L	NM HH OO
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	2	10	0.28	µg/L	NM HH OO
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	2.9	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	0.0029	µg/L	NM HH OO
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.18	µg/L	NM HH OO
55-18-5	Nitrosodiethylamine[N-]	2	10	0.0014	µg/L	EPA Regional Tap
62-75-9	Nitrosodimethylamine[N-]	2	10	0.0042	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	3	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
Volatile Organic Compounds						
107-02-8	Acrolein	1.3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
126-99-8	Chloro-1,3-butadiene[2-]	0.3	1	0.16	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-chloropropane[1,2-]	0.3	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

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

[a] CAS = Chemical Abstracts Service.

[b] PQL = Practical quantitation limit.

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

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	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							
La Mesita Spring	12/17/13	Gross alpha	UF[a]	15.9	pCi/L	15	EPA MCL
Sacred Spring	12/12/13	Manganese	F[b]	994	µg/L	200	NMWQCC Groundwater Standard

[a] UF = Unfiltered.

[b] F = Filtered.

Appendix A

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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Ancho Spring	—[a]	12/10/13	WG[b]	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	—	09/29/09	WG	Dissolved Oxygen	5.47	mg/L	CAWR-09-12539
Ancho Spring	—	12/10/13	WG	pH	8.03	SU[c]	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	—	09/29/09	WG	pH	7.13	SU	CAWR-09-12539
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	—	09/29/09	WG	Specific Conductance	129	µS/cm	CAWR-09-12539
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
Ancho Spring	—	09/28/10	WG	Temperature	21.31	deg C	CAWR-10-25326
Ancho Spring	—	09/29/09	WG	Temperature	20.9	deg C	CAWR-09-12539
Ancho Spring	—	12/10/13	WG	Turbidity	2	NTU[d]	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
Ancho Spring	—	09/29/09	WG	Turbidity	1.43	NTU	CAWR-09-12539
La Mesita Spring	—	12/17/13	WG	Dissolved Oxygen	8.16	mg/L	CAWR-13-42145
La Mesita Spring	—	10/02/12	WG	Dissolved Oxygen	8.11	mg/L	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	Dissolved Oxygen	8.29	mg/L	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	Dissolved Oxygen	7.47	mg/L	CAWR-10-25330

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
La Mesita Spring	—	09/22/09	WG	Dissolved Oxygen	9.05	mg/L	CAWR-09-12480
La Mesita Spring	—	12/17/13	WG	pH	7.96	SU	CAWR-13-42145
La Mesita Spring	—	10/02/12	WG	pH	7.81	SU	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	pH	8.09	SU	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	pH	7.55	SU	CAWR-10-25330
La Mesita Spring	—	09/22/09	WG	pH	7.92	SU	CAWR-09-12480
La Mesita Spring	—	12/17/13	WG	Specific Conductance	319	µS/cm	CAWR-13-42145
La Mesita Spring	—	10/02/12	WG	Specific Conductance	309	µS/cm	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	Specific Conductance	311	µS/cm	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	Specific Conductance	314	µS/cm	CAWR-10-25330
La Mesita Spring	—	09/22/09	WG	Specific Conductance	238	µS/cm	CAWR-09-12480
La Mesita Spring	—	12/17/13	WG	Temperature	14.28	deg C	CAWR-13-42145
La Mesita Spring	—	10/02/12	WG	Temperature	14.66	deg C	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	Temperature	14.33	deg C	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	Temperature	14.56	deg C	CAWR-10-25330
La Mesita Spring	—	09/22/09	WG	Temperature	13.42	deg C	CAWR-09-12480
La Mesita Spring	—	12/17/13	WG	Turbidity	2.8	NTU	CAWR-13-42145
La Mesita Spring	—	10/02/12	WG	Turbidity	16.2	NTU	CAWR-12-23429
La Mesita Spring	—	10/12/11	WG	Turbidity	5.46	NTU	CAWR-11-27992
La Mesita Spring	—	10/07/10	WG	Turbidity	66.8	NTU	CAWR-10-25330
La Mesita Spring	—	09/22/09	WG	Turbidity	11.2	NTU	CAWR-09-12480
Rio Grande at Otowi Bridge	—	12/11/13	WS[e]	Dissolved Oxygen	12.01	mg/L	CAWR-13-42146
Rio Grande at Otowi Bridge	—	10/02/12	WS	Dissolved Oxygen	9.25	mg/L	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	Dissolved Oxygen	8.74	mg/L	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	Dissolved Oxygen	7.61	mg/L	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	Dissolved Oxygen	9.68	mg/L	CAWR-10-17025
Rio Grande at Otowi Bridge	—	12/11/13	WS	pH	8.18	SU	CAWR-13-42146
Rio Grande at Otowi Bridge	—	10/02/12	WS	pH	8.48	SU	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	pH	8	SU	CAWR-10-25403

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Rio Grande at Otowi Bridge	—	07/13/10	WS	pH	7.65	SU	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	pH	7.14	SU	CAWR-10-17025
Rio Grande at Otowi Bridge	—	12/11/13	WS	Specific Conductance	331	µS/cm	CAWR-13-42146
Rio Grande at Otowi Bridge	—	10/02/12	WS	Specific Conductance	217	µS/cm	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	Specific Conductance	335	µS/cm	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	Specific Conductance	298	µS/cm	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	Specific Conductance	215	µS/cm	CAWR-10-17025
Rio Grande at Otowi Bridge	—	12/11/13	WS	Temperature	0.34	deg C	CAWR-13-42146
Rio Grande at Otowi Bridge	—	10/02/12	WS	Temperature	16.29	deg C	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	Temperature	16.45	deg C	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	Temperature	19.26	deg C	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	Temperature	10.63	deg C	CAWR-10-17025
Rio Grande at Otowi Bridge	—	12/11/13	WS	Turbidity	43.1	NTU	CAWR-13-42146
Rio Grande at Otowi Bridge	—	10/02/12	WS	Turbidity	39	NTU	CAWR-12-23433
Rio Grande at Otowi Bridge	—	10/07/10	WS	Turbidity	24.8	NTU	CAWR-10-25403
Rio Grande at Otowi Bridge	—	07/13/10	WS	Turbidity	45.7	NTU	CAWR-10-24226
Rio Grande at Otowi Bridge	—	05/10/10	WS	Turbidity	47.6	NTU	CAWR-10-17025
Sacred Spring	—	12/12/13	WG	Dissolved Oxygen	2.18	mg/L	CAWR-13-42147
Sacred Spring	—	10/03/12	WG	Dissolved Oxygen	5.65	mg/L	CAWR-12-23434
Sacred Spring	—	10/14/11	WG	Dissolved Oxygen	4.06	mg/L	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	Dissolved Oxygen	1.04	mg/L	CAWR-10-25332
Sacred Spring	—	09/22/09	WG	Dissolved Oxygen	4.47	mg/L	CAWR-09-12471
Sacred Spring	—	12/12/13	WG	pH	6.85	SU	CAWR-13-42147
Sacred Spring	—	10/03/12	WG	pH	7.22	SU	CAWR-12-23434
Sacred Spring	—	10/14/11	WG	pH	7.64	SU	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	pH	6.6	SU	CAWR-10-25332
Sacred Spring	—	09/22/09	WG	pH	7.95	SU	CAWR-09-12471
Sacred Spring	—	12/12/13	WG	Specific Conductance	527	µS/cm	CAWR-13-42147
Sacred Spring	—	10/03/12	WG	Specific Conductance	275	µS/cm	CAWR-12-23434

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Sacred Spring	—	10/14/11	WG	Specific Conductance	295	µS/cm	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	Specific Conductance	266	µS/cm	CAWR-10-25332
Sacred Spring	—	09/22/09	WG	Specific Conductance	200	µS/cm	CAWR-09-12471
Sacred Spring	—	12/12/13	WG	Temperature	6.15	deg C	CAWR-13-42147
Sacred Spring	—	10/03/12	WG	Temperature	15.89	deg C	CAWR-12-23434
Sacred Spring	—	10/14/11	WG	Temperature	15.34	deg C	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	Temperature	14.67	deg C	CAWR-10-25332
Sacred Spring	—	09/22/09	WG	Temperature	15.24	deg C	CAWR-09-12471
Sacred Spring	—	12/12/13	WG	Turbidity	2.2	NTU	CAWR-13-42147
Sacred Spring	—	10/03/12	WG	Turbidity	0.78	NTU	CAWR-12-23434
Sacred Spring	—	10/14/11	WG	Turbidity	8.44	NTU	CAWR-11-27994
Sacred Spring	—	10/06/10	WG	Turbidity	6.72	NTU	CAWR-10-25332
Sacred Spring	—	09/22/09	WG	Turbidity	24.2	NTU	CAWR-09-12471
Spring 1	—	12/11/13	WG	Dissolved Oxygen	5.73	mg/L	CAWR-13-42149
Spring 1	—	09/24/12	WG	Dissolved Oxygen	6.5	mg/L	CAWR-12-23436
Spring 1	—	10/11/11	WG	Dissolved Oxygen	6.42	mg/L	CAWR-11-27999
Spring 1	—	09/27/10	WG	Dissolved Oxygen	6.46	mg/L	CAWR-10-25418
Spring 1	—	09/28/09	WG	Dissolved Oxygen	6.46	mg/L	CAWR-09-12484
Spring 1	—	12/11/13	WG	pH	7.9	SU	CAWR-13-42149
Spring 1	—	09/24/12	WG	pH	7.78	SU	CAWR-12-23436
Spring 1	—	10/11/11	WG	pH	8.01	SU	CAWR-11-27999
Spring 1	—	09/27/10	WG	pH	7.64	SU	CAWR-10-25418
Spring 1	—	09/28/09	WG	pH	7.5	SU	CAWR-09-12484
Spring 1	—	12/11/13	WG	Specific Conductance	214	µS/cm	CAWR-13-42149
Spring 1	—	09/24/12	WG	Specific Conductance	214	µS/cm	CAWR-12-23436
Spring 1	—	10/11/11	WG	Specific Conductance	215	µS/cm	CAWR-11-27999
Spring 1	—	09/27/10	WG	Specific Conductance	217	µS/cm	CAWR-10-25418
Spring 1	—	09/28/09	WG	Specific Conductance	203	µS/cm	CAWR-09-12484
Spring 1	—	12/11/13	WG	Temperature	15.45	deg C	CAWR-13-42149

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 1	—	09/24/12	WG	Temperature	18.87	deg C	CAWR-12-23436
Spring 1	—	10/11/11	WG	Temperature	17.88	deg C	CAWR-11-27999
Spring 1	—	09/27/10	WG	Temperature	18.09	deg C	CAWR-10-25418
Spring 1	—	09/28/09	WG	Temperature	17.83	deg C	CAWR-09-12484
Spring 1	—	12/11/13	WG	Turbidity	4.8	NTU	CAWR-13-42149
Spring 1	—	09/24/12	WG	Turbidity	1.95	NTU	CAWR-12-23436
Spring 1	—	10/11/11	WG	Turbidity	3.25	NTU	CAWR-11-27999
Spring 1	—	09/27/10	WG	Turbidity	6.16	NTU	CAWR-10-25418
Spring 1	—	09/28/09	WG	Turbidity	3.4	NTU	CAWR-09-12484
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	—	09/28/09	WG	Dissolved Oxygen	7.12	mg/L	CAWR-09-12501
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	—	09/28/09	WG	pH	7.63	SU	CAWR-09-12501
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	—	09/28/09	WG	Specific Conductance	194	µS/cm	CAWR-09-12501
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	—	09/28/09	WG	Temperature	19.92	deg C	CAWR-09-12501

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 3A	—	09/28/09	WG	Turbidity	1.42	NTU	CAWR-09-12501
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	—	03/24/10	WG	Dissolved Oxygen	7.46	mg/L	CAWR-10-14106
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	—	03/24/10	WG	pH	7.3	SU	CAWR-10-14106
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
Spring 4A	—	09/27/10	WG	Specific Conductance	203	µS/cm	CAWR-10-25451
Spring 4A	—	03/24/10	WG	Specific Conductance	193	µS/cm	CAWR-10-14106
Spring 4A	—	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	—	03/24/10	WG	Temperature	19.09	deg C	CAWR-10-14106

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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 4A	—	03/24/10	WG	Turbidity	1.09	NTU	CAWR-10-14106
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	—	09/29/09	WG	Dissolved Oxygen	6.08	mg/L	CAWR-09-12512
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	—	09/29/09	WG	pH	7.91	SU	CAWR-09-12512
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	—	09/29/09	WG	Specific Conductance	252	µS/cm	CAWR-09-12512
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
Spring 5	—	09/29/09	WG	Temperature	20.97	deg C	CAWR-09-12512
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 5	—	09/28/10	WG	Turbidity	3.64	NTU	CAWR-10-25339
Spring 5	—	09/29/09	WG	Turbidity	7.6	NTU	CAWR-09-12512
Spring 5B	—	12/10/13	WG	Dissolved Oxygen	8.16	mg/L	CAWR-13-42154
Spring 5B	—	09/25/12	WG	Dissolved Oxygen	7.46	mg/L	CAWR-12-23447
Spring 5B	—	10/06/11	WG	Dissolved Oxygen	7.94	mg/L	CAWR-11-28033
Spring 5B	—	09/28/10	WG	Dissolved Oxygen	9.1	mg/L	CAWR-10-26573
Spring 5B	—	09/29/09	WG	Dissolved Oxygen	5.5	mg/L	CAWR-09-12542
Spring 5B	—	12/10/13	WG	pH	7.92	SU	CAWR-13-42154
Spring 5B	—	09/25/12	WG	pH	8.17	SU	CAWR-12-23447
Spring 5B	—	10/06/11	WG	pH	8.2	SU	CAWR-11-28033
Spring 5B	—	09/28/10	WG	pH	7.75	SU	CAWR-10-26573
Spring 5B	—	09/29/09	WG	pH	8.08	SU	CAWR-09-12542
Spring 5B	—	12/10/13	WG	Specific Conductance	169	µS/cm	CAWR-13-42154
Spring 5B	—	09/25/12	WG	Specific Conductance	172	µS/cm	CAWR-12-23447
Spring 5B	—	10/06/11	WG	Specific Conductance	169	µS/cm	CAWR-11-28033
Spring 5B	—	09/28/10	WG	Specific Conductance	175	µS/cm	CAWR-10-26573
Spring 5B	—	09/29/09	WG	Specific Conductance	171	µS/cm	CAWR-09-12542
Spring 5B	—	12/10/13	WG	Temperature	15.84	deg C	CAWR-13-42154
Spring 5B	—	09/25/12	WG	Temperature	17.73	deg C	CAWR-12-23447
Spring 5B	—	10/06/11	WG	Temperature	16.3	deg C	CAWR-11-28033
Spring 5B	—	09/28/10	WG	Temperature	16	deg C	CAWR-10-26573
Spring 5B	—	09/29/09	WG	Temperature	18.51	deg C	CAWR-09-12542
Spring 5B	—	12/10/13	WG	Turbidity	8.6	NTU	CAWR-13-42154
Spring 5B	—	09/25/12	WG	Turbidity	3.07	NTU	CAWR-12-23447
Spring 5B	—	10/06/11	WG	Turbidity	1.5	NTU	CAWR-11-28033
Spring 5B	—	09/28/10	WG	Turbidity	9.4	NTU	CAWR-10-26573
Spring 5B	—	09/29/09	WG	Turbidity	1.44	NTU	CAWR-09-12542
Spring 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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 6	—	10/06/11	WG	Dissolved Oxygen	6.92	mg/L	CAWR-11-28038
Spring 6	—	09/28/10	WG	Dissolved Oxygen	7.24	mg/L	CAWR-10-25376
Spring 6	—	09/30/08	WG	Dissolved Oxygen	5.39	mg/L	CAWR-08-15532
Spring 6	—	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	—	09/30/08	WG	pH	7.4	SU	CAWR-08-15532
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	—	09/30/08	WG	Specific Conductance	133	µS/cm	CAWR-08-15532
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
Spring 6	—	09/30/08	WG	Temperature	19.9	deg C	CAWR-08-15532
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 6	—	09/30/08	WG	Turbidity	0.6	NTU	CAWR-08-15532
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	—	09/25/07	WG	Dissolved Oxygen	5.9	mg/L	FU070900G9SW01
Spring 9	—	12/16/13	WG	pH	7.31	SU	CAWR-13-42156

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Spring 9	—	09/25/12	WG	pH	7.15	SU	CAWR-12-23451
Spring 9	—	09/29/10	WG	pH	6	SU	CAWR-10-25395
Spring 9	—	09/29/09	WG	pH	7.32	SU	CAWR-09-12565
Spring 9	—	09/30/08	WG	pH	6.04	SU	CAWR-08-15537
Spring 9	—	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	—	09/30/08	WG	Specific Conductance	139.6	µS/cm	CAWR-08-15537
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	—	09/30/08	WG	Temperature	15.9	deg C	CAWR-08-15537
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
Spring 9	—	09/29/10	WG	Turbidity	4.2	NTU	CAWR-10-25395
Spring 9	—	09/29/09	WG	Turbidity	2.18	NTU	CAWR-09-12565
Spring 9	—	09/30/08	WG	Turbidity	0.76	NTU	CAWR-08-15537
Spring 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	—	09/30/09	WG	Dissolved Oxygen	5.66	mg/L	CAWR-09-12567
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	—	09/30/09	WG	pH	6.86	SU	CAWR-09-12567

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	—	09/30/09	WG	Specific Conductance	112	µS/cm	CAWR-09-12567
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	—	09/30/09	WG	Temperature	20.18	deg C	CAWR-09-12567
Spring 9A	—	12/16/13	WG	Turbidity	0.7	NTU	CAWR-13-42157
Spring 9A	—	09/26/12	WG	Turbidity	0.63	NTU	CAWR-12-23452
Spring 9A	—	10/13/11	WG	Turbidity	2.27	NTU	CAWR-11-28048
Spring 9A	—	09/28/10	WG	Turbidity	3.3	NTU	CAWR-10-25398
Spring 9A	—	09/30/09	WG	Turbidity	7.37	NTU	CAWR-09-12567

[a] — = Not applicable.

[b] WG = Groundwater.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

[e] WS = Base flow.

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 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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00451	0.0023	0.03	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.541	1.5	5	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.32	1.3	4.9	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.4	0.66	1.5	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.4	1.2	2.4	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.406	12	39	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00164	0.0023	0.028	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00822	0.004	0.027	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.6	19	73	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.85	1.7	4.9	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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

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	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.19	0.116	0.488	—	pCi/L	Y	U	U	12-1571	CAWR-12-23427	GELC
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00803	0.14	0.49	—	pCi/L	Y	U	U	12-65	CAWR-11-28027	GELC
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00738	0.13	0.49	—	pCi/L	Y	U	U	10-4820	CAWR-10-25326	GELC
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.106	0.1	0.33	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	12/10/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	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_Tritium	Tritium	H-3	N	-0.322	0.655	2.243	—	pCi/L	Y	U	U	2013-8	CAWR-12-23427	ARSL
Ancho Spring	—	10/07/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.81	0.67	2.2	—	pCi/L	Y	U	U	12-75	CAWR-11-28027	ARSL
Ancho Spring	—	09/28/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	13.685	2.3184	2.898	—	pCi/L	N	—	R	11-28	CAWR-10-25326	ARSL
Ancho Spring	—	09/28/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	9.7244	1.771	2.898	—	pCi/L	Y	—	U	11-28	CAWR-10-25326	ARSL
Ancho Spring	—	09/29/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.2254	0.2898	0.2898	—	pCi/L	Y	U	U	10-68	CAWR-09-12539	UMTL
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.159	0.026	0.11	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0037	0.0064	0.054	—	pCi/L	Y	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0958	0.019	0.065	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12539	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	J-	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	J-	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	15.9	—	—	0.725	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	125	—	—	0.725	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	117	—	—	0.73	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	120	—	—	0.73	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	131	—	—	0.73	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	81.4	—	—	68	µg/L	Y	J	J	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00494	0.0397	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00231	0.00516	0.0315	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00194	0.0034	0.032	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.0047	0.036	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00727	0.0065	0.04	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	115	—	—	1	µg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	115	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	115	—	—	1	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	111	—	—	1	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	109	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	52.7	—	—	15	µg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	55.1	—	—	15	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	55.5	—	—	15	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	53.4	—	—	15	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	50.5	—	—	15	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	—	0.067	mg/L	Y	J	J	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.163	—	—	0.067	mg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.111	—	—	0.066	mg/L	Y	J	J	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.066	mg/L	Y	J	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.126	—	—	0.066	mg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	37.3	—	—	0.05	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.8	—	—	0.05	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34.6	—	—	0.05	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34.4	—	—	0.05	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.2	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.3	1.75	6.59	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.43	1.28	4.44	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.509	1.7	5.8	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.943	1.6	4.8	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.133	1.2	3.9	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.62	—	—	0.067	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.1	—	—	0.067	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.91	—	—	0.066	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.96	—	—	0.066	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.59	—	—	0.066	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.19	—	—	2	µg/L	Y	J	J	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.01	—	—	2	µg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.48	—	—	2.5	µg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.619	1.87	7.07	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.32	1.27	4.12	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.409	1.5	6	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.19	1.4	5.2	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.46	1.2	3.6	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.231	—	—	0.033	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.241	—	—	0.033	mg/L	Y	—	U	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.241	—	—	0.033	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.238	—	—	0.033	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	J-	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	15.9	2.18	2.98	—	pCi/L	Y	—	NQ	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.8	1.82	2.49	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.42	2	2.3	—	pCi/L	Y	—	NQ	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.42	2	2.5	—	pCi/L	Y	—	NQ	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.2	2.1	2.3	—	pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.26	0.434	1.19	—	pCi/L	Y	—	NQ	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.39	0.947	2.33	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.79	0.96	2.3	—	pCi/L	Y	—	NQ	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.22	0.86	2.4	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.6	1.2	2.8	—	pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	97.7	—	—	0.453	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	93.8	—	—	0.453	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	90.3	—	—	0.45	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.2	—	—	0.35	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	91.8	—	—	0.35	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.12	—	—	0.11	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.09	—	—	0.11	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.963	—	—	0.11	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.05	—	—	0.085	mg/L	Y	—	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.932	—	—	0.085	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.165	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.17	µg/L	Y	—	J	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.1	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.1	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.808	3.14	11	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.856	2.47	8.93	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.22	2.7	9.7	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.77	2.6	8.3	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	12.7	10	33	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.63	—	—	0.5	µg/L	Y	J	J	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.613	—	—	0.5	µg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.5	µg/L	Y	J	J+	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.597	—	—	0.5	µg/L	Y	J	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.14	—	—	0.5	µg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.67	—	—	0.085	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.085	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.6	—	—	0.1	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.39	—	—	0.05	mg/L	Y	—	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.888	—	—	0.05	µg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.896	—	—	0.05	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.824	—	—	0.05	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.874	—	—	0.05	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.833	—	—	0.05	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00807	0.0284	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00441	0.0355	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0017	0.032	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00416	0.0036	0.024	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0044	0.0044	0.037	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0132	0.018	0.0682	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00624	0.00764	0.0422	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00928	0.005	0.031	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00623	0.0046	0.041	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0066	0.0049	0.036	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.85	—	—	0.05	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	E	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.69	—	—	0.05	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.47	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.92	20.9	83.3	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.5	16.5	55.5	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.74	18	71	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.6	16	52	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.771	17	56	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.54	—	—	1.5	µg/L	Y	J	J	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.61	—	—	1.5	µg/L	Y	J	J	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.09	—	—	1	µg/L	Y	J	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.09	—	—	1	µg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	30	—	—	0.053	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	29.8	—	—	0.053	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	28.7	—	—	0.053	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	29.7	—	—	0.053	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	28.3	—	—	0.053	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.4	—	—	0.1	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	28	—	—	0.1	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	28	—	—	0.1	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	26.5	—	—	0.1	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.5	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.49	1.5	6.18	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.559	1.03	3.89	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0124	1.4	5.5	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.537	1.3	4.5	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.966	1.2	3.6	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	320	—	—	1	µS/cm	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	319	—	—	1	µS/cm	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	312	—	—	1	µS/cm	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	313	—	—	1	µS/cm	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	315	—	—	1	µS/cm	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	852	—	—	1	µg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	831	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	796	—	—	1	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	783	—	—	1	µg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	789	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0549	0.127	0.482	—	pCi/L	Y	U	U	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0496	0.141	0.487	—	pCi/L	Y	U	U	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.212	0.12	0.49	—	pCi/L	Y	U	U	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.118	0.13	0.46	—	pCi/L	Y	U	U	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00996	0.1	0.39	—	pCi/L	Y	U	U	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15	—	—	0.133	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.1	—	—	0.133	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.1	mg/L	Y	—	J+	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	195	—	—	2.4	mg/L	Y	—	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	2.4	mg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0368	—	—	0.033	mg/L	Y	J	J	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	—	0.035	mg/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.122	—	—	0.035	mg/L	Y	—	U	12-82	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.097	—	—	0.033	mg/L	Y	J	J	11-91	CAWR-10-25330	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.214	—	—	0.033	mg/L	Y	—	U	09-3313	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.727	—	—	0.33	mg/L	Y	J	J	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.13	—	—	0.33	mg/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.855	—	—	0.33	mg/L	Y	J	U	12-82	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.05	—	—	0.33	mg/L	Y	—	NQ	11-91	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	09-3313	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.477	0.567	1.882	—	pCi/L	Y	U	U	2014-2713	CAWR-13-42145	ARSL
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.388	0.669	2.294	—	pCi/L	Y	U	U	2013-25	CAWR-12-23429	ARSL
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.07	1.13	1.95	—	pCi/L	Y	U	U	12-97	CAWR-11-27992	ARSL
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-77.4176	62.8563	212.721	—	pCi/L	Y	U	U	11-115	CAWR-10-25330	ARSL
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0	0.2898	0.2898	—	pCi/L	Y	U	U	09-3316	CAWR-09-12480	UMTL
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	12.1	—	—	0.067	µg/L	Y	—	NQ	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	10.6	—	—	0.067	µg/L	Y	E	NQ	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	11.4	—	—	0.067	µg/L	Y	—	NQ	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	12.7	—	—	0.05	µg/L	Y	E	NQ	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	10.1	—	—	0.05	µg/L	Y	—	NQ	09-3314	CAWR-09-12479	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	6.46	0.152	0.0441	—	pCi/L	Y	—	NQ	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.72	0.12	0.0441	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.67	0.39	0.079	—	pCi/L	Y	—	J+	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.11	0.37	0.032	—	pCi/L	Y	—	NQ	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.39	0.4	0.1	—	pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.215	0.032	0.0397	—	pCi/L	Y	—	NQ	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.164	0.0246	0.032	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.27	0.046	0.058	—	pCi/L	Y	—	J+	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.401	0.042	0.025	—	pCi/L	Y	—	NQ	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.207	0.031	0.052	—	pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	4.19	0.123	0.0276	—	pCi/L	Y	—	NQ	2014-2697	CAWR-13-42145	GELC
La Mesita Spring	—	10/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.76	0.0975	0.03	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23429	GELC
La Mesita Spring	—	10/12/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.13	0.27	0.093	—	pCi/L	Y	—	J+	12-84	CAWR-11-27992	GELC
La Mesita Spring	—	10/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.2	0.24	0.02	—	pCi/L	Y	—	NQ	11-90	CAWR-10-25330	GELC
La Mesita Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.35	0.26	0.062	—	pCi/L	Y	—	NQ	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	12/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.86	—	—	1	µg/L	Y	J	J	2014-2697	CAWR-13-42159	GELC
La Mesita Spring	—	10/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.18	—	—	1	µg/L	Y	J	J	2013-23	CAWR-12-23457	GELC
La Mesita Spring	—	10/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.16	—	—	1	µg/L	Y	J	J	12-83	CAWR-11-27990	GELC
La Mesita Spring	—	10/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.65	—	—	1	µg/L	Y	J	J	11-91	CAWR-10-25329	GELC
La Mesita Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.72	—	—	1	µg/L	Y	J	J	09-3314	CAWR-09-12479	GELC
Rio Grande at Otowi Bridge	—	12/11/13	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	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	0.01	SU	Y	H	J-	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111	—	—	0.725	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	0.725	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	136	—	—	0.725	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	0.73	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0227	0.0169	0.0608	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00245	0.00424	0.0334	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00249	0.00659	0.034	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00974	0.0043	0.042	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0102	0.0049	0.033	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00727	0.004	0.021	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	60.5	—	—	1	µg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70.6	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	71	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	71.6	—	—	1	µg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	59	—	—	1	µg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.9	—	—	1	µg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	32.6	—	—	15	µg/L	Y	J	J	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	34.7	—	—	15	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	35.2	—	—	15	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	37.3	—	—	15	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.8	—	—	15	µg/L	Y	J	J	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.8	—	—	15	µg/L	Y	J	J	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38.2	—	—	0.05	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	40.6	—	—	0.05	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	41.2	—	—	0.05	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	39.9	—	—	0.05	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.9	—	—	0.05	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	27.3	—	—	0.05	mg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.39	1.41	4.89	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.348	1.12	4.4	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.948	1.54	5.97	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.222	1.2	4	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.05	1.3	4.2	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.902	0.83	3	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.09	—	—	0.067	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.48	—	—	0.067	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.53	—	—	0.067	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.91	—	—	0.066	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2	1.41	3.81	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.497	1.42	5.55	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.886	1.4	5.89	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.51	1.1	4.1	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.13	1.6	5.3	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.222	0.94	3	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.337	—	—	0.033	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.379	—	—	0.033	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.38	—	—	0.033	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.11	0.793	2.09	—	pCi/L	Y	—	NQ	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.2	1.1	2.41	—	pCi/L	Y	—	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	6.08	1.47	2.61	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.59	1	2.4	—	pCi/L	Y	—	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.75	0.76	2	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.75	1.4	3.5	—	pCi/L	Y	—	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.63	0.936	2.62	—	pCi/L	Y	—	NQ	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.35	0.922	2.25	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.96	0.972	2.24	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.91	0.91	2.8	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.21	0.96	3	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.09	0.89	2.3	—	pCi/L	Y	—	NQ	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	124	—	—	0.453	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	133	—	—	0.453	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	135	—	—	0.453	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	126	—	—	0.35	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	115	—	—	0.35	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.1	—	—	0.35	mg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.04	—	—	0.11	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.56	—	—	0.11	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.75	—	—	0.11	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.1	—	—	0.085	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.24	—	—	0.085	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.87	—	—	0.085	mg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	8.23	—	—	2	µg/L	Y	J	J	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.66	—	—	2	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	8.05	—	—	2	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.31	—	—	2	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.46	—	—	2	µg/L	Y	J	J	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.97	—	—	2	µg/L	Y	J	J	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.53	—	—	0.165	µg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.69	—	—	0.165	µg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.43	—	—	0.165	µg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	7.17	—	—	0.1	µg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.56	—	—	0.1	µg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.1	µg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.44	2.23	7.58	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.7	2.53	9.56	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.65	2.98	10.4	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.473	2.6	8.7	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	9.46	3.3	10	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:Np-237	Neptunium-237	Np-237	N	0.0112	0.0059	0.013	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:Np-237	Neptunium-237	Np-237	N	-0.0125	0.0093	0.03	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.52	1.9	6.7	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.15	—	—	0.5	µg/L	Y	J	J	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.29	—	—	0.5	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.999	—	—	0.5	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.52	—	—	0.5	µg/L	Y	J	J	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.24	—	—	0.5	µg/L	Y	J	J	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.222	—	—	0.017	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	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	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0717	—	—	0.05	µg/L	Y	J	J	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0724	—	—	0.05	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.074	—	—	0.05	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0711	—	—	0.05	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00806	0.00988	0.0347	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00297	0.00664	0.0338	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00277	0.00479	0.0315	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00437	0.0031	0.025	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00511	0.0036	0.034	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00264	0.0026	0.042	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0121	0.0145	0.0834	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00297	0.00786	0.0401	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0083	0.00618	0.0374	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0022	0.043	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00767	0.0057	0.035	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0053	0.039	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.79	—	—	0.05	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	E	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.69	—	—	0.05	mg/L	Y	E	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.55	—	—	0.05	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	E	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.8	21.3	40.6	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.5	15.8	57.8	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-12.2	17	62.3	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.95	16	52	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.6	19	74	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.44	13	44	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	22.8	—	—	0.053	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	19.5	—	—	0.053	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	19.7	—	—	0.053	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	19.2	—	—	0.053	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.2	—	—	0.1	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.1	—	—	0.1	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.2	—	—	0.1	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.76	1.28	4.33	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.79	1.36	3.95	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.358	1.38	5.43	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.156	1.3	4.2	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.4	1.6	4.4	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.372	0.89	2.7	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	333	—	—	1	µS/cm	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1.25	—	—	1	µS/cm	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	337	—	—	1	µS/cm	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	333	—	—	1	µS/cm	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	302	—	—	1	µg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	319	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	322	—	—	1	µg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	306	—	—	1	µg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	263	—	—	1	µg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	204	—	—	1	µg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0615	0.079	0.274	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0644	0.141	0.489	—	pCi/L	Y	U	U	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0373	0.133	0.475	—	pCi/L	Y	U	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.345	0.16	0.5	—	pCi/L	Y	U	U	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.33	0.16	0.5	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0525	0.12	0.44	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	45.2	—	—	0.665	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.4	—	—	0.665	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.9	—	—	0.665	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	41.1	—	—	0.5	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	208	—	—	2.4	mg/L	Y	—	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.436	—	—	0.033	mg/L	Y	—	NQ	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.115	—	—	0.035	mg/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	—	0.035	mg/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.311	—	—	0.033	mg/L	Y	—	NQ	11-91	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	10-3671	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.368	—	—	0.033	mg/L	Y	—	J	10-3116	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.42	—	—	0.33	mg/L	Y	—	NQ	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.51	—	—	0.33	mg/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.5	—	—	0.33	mg/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.23	—	—	0.33	mg/L	Y	—	NQ	11-91	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.88	—	—	0.33	mg/L	Y	—	NQ	10-3671	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.19	—	—	0.33	mg/L	Y	—	NQ	10-3116	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.97	—	—	0.067	µg/L	Y	—	NQ	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.88	—	—	0.067	µg/L	Y	E	NQ	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.75	—	—	0.067	µg/L	Y	E	NQ	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	3.13	—	—	0.05	µg/L	Y	E	NQ	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.4	—	—	0.05	µg/L	Y	—	NQ	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.19	—	—	0.05	µg/L	Y	—	NQ	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.64	0.0739	0.0408	—	pCi/L	Y	—	J	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.938	0.0435	0.0333	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.96	0.0435	0.0327	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.24	0.099	0.032	—	pCi/L	Y	—	NQ	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.688	0.065	0.066	—	pCi/L	Y	—	NQ	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.62	0.066	0.056	—	pCi/L	Y	—	NQ	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0732	0.0199	0.0368	—	pCi/L	Y	—	J	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0515	0.0124	0.0242	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0299	0.01	0.0238	—	pCi/L	Y	—	U	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0985	0.017	0.025	—	pCi/L	Y	—	NQ	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0319	0.011	0.04	—	pCi/L	Y	U	U	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0296	0.011	0.051	—	pCi/L	Y	U	U	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.01	0.0581	0.0256	—	pCi/L	Y	—	J	2014-2663	CAWR-13-42146	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.587	0.0334	0.0226	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23433	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.657	0.0352	0.0223	—	pCi/L	Y	—	NQ	2013-23	CAWR-12-23402	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.814	0.069	0.019	—	pCi/L	Y	—	NQ	11-90	CAWR-10-25403	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.441	0.046	0.046	—	pCi/L	Y	—	NQ	10-3673	CAWR-10-24226	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.376	0.046	0.051	—	pCi/L	Y	—	NQ	10-3115	CAWR-10-17025	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.06	—	—	1	µg/L	Y	J	J	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.97	—	—	1	µg/L	Y	J	J	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.09	—	—	1	µg/L	Y	J	J	2013-23	CAWR-12-23405	GELC
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.99	—	—	1	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.65	—	—	1	µg/L	Y	J	J	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.22	—	—	1	µg/L	Y	J	J	10-3116	CAWR-10-17026	GELC
Rio Grande at Otowi Bridge	—	12/11/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.63	—	—	3.3	µg/L	Y	J	J	2014-2663	CAWR-13-42160	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-23	CAWR-12-23461	GELC
Rio Grande at Otowi Bridge	—	10/02/12	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-23	CAWR-12-23405	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Rio Grande at Otowi Bridge	—	10/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.96	—	—	3.3	µg/L	Y	J	J	11-91	CAWR-10-25402	GELC
Rio Grande at Otowi Bridge	—	07/13/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-3672	CAWR-10-24227	GELC
Rio Grande at Otowi Bridge	—	05/10/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-3116	CAWR-10-17026	GELC
Sacred Spring	—	12/12/13	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	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	—	0.01	SU	Y	H	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	J-	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	J-	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	J-	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	J-	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	J-	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	238	—	—	0.725	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	237	—	—	0.725	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	124	—	—	0.725	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	127	—	—	0.725	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	142	—	—	0.73	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	136	—	—	0.73	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	133	—	—	0.73	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	129	—	—	0.73	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	129	—	—	0.73	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00461	0.00461	0.0371	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00463	0.00567	0.0372	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0128	0.00676	0.0349	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00253	0.00438	0.0345	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0066	0.077	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00109	0.0046	0.043	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00255	0.0035	0.029	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00683	0.0053	0.044	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.144	—	—	0.017	mg/L	Y	—	U	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.589	—	—	0.017	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.13	—	—	0.017	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0591	—	—	0.017	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0328	—	—	0.016	mg/L	Y	J	J+	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.038	—	—	0.016	mg/L	Y	J	U	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.096	—	—	0.016	mg/L	Y	—	U	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.038	—	—	0.016	mg/L	Y	J	U	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.018	—	—	0.016	mg/L	Y	J	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.29	—	—	1.7	µg/L	Y	J	J	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	4.06	—	—	1.7	µg/L	Y	J	J	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.88	—	—	1.7	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.89	—	—	1.7	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.85	—	—	1.7	µg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.35	—	—	1.5	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	—	1.5	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	239	—	—	1	µg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	236	—	—	1	µg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	81.2	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	83.1	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	92.7	—	—	1	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	92	—	—	1	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	91.9	—	—	1	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	89.4	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	88.2	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29.9	—	—	15	µg/L	Y	J	J	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	27.8	—	—	15	µg/L	Y	J	J	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	36.3	—	—	15	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	35.8	—	—	15	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	32.2	—	—	15	µg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.2	—	—	15	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	30.3	—	—	15	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.4	—	—	15	µg/L	Y	J	J	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	30.8	—	—	15	µg/L	Y	J	J	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.121	—	—	0.067	mg/L	Y	J	J	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.13	—	—	0.067	mg/L	Y	J	J	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	68.8	—	—	0.05	mg/L	Y	—	J-	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	67.7	—	—	0.05	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34	—	—	0.05	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	34.6	—	—	0.05	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38.4	—	—	0.05	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38.7	—	—	0.05	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	38	—	—	0.05	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	33.7	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	33.7	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.82	1.17	4.36	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.99	1.26	4.26	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.127	1.41	5.26	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.2	1.64	5.25	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.24	1.2	3.5	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.871	1.6	5	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.27	1.9	6.5	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.4	1.5	5.2	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.6	—	—	0.134	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.9	—	—	0.134	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	—	0.067	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	0.067	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.066	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.94	—	—	0.066	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.94	—	—	0.066	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.45	—	—	0.066	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.44	—	—	0.066	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	2.43	—	—	1	µg/L	Y	J	J	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	Y	2.23	—	—	1	µg/L	Y	J	J	2014-2681	CAWR-13-42128	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.504	1.22	4.45	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.84	1.41	4.79	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.906	1.32	4.85	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.89	1.52	6.06	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.41	1.3	5.4	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.07	1.5	5.4	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.92	1.5	5.1	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.07	1.3	4.4	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.621	—	—	0.033	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.633	—	—	0.033	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.451	—	—	0.033	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.496	—	—	0.033	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.495	—	—	0.033	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.519	—	—	0.033	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.654	—	—	0.033	mg/L	Y	—	J-	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.645	—	—	0.033	mg/L	Y	—	J-	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.98	1.43	2.94	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	6.61	1.39	2.99	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.42	0.657	2.68	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.18	0.781	2.57	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.36	1.1	2.8	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.2	0.78	2.4	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.21	0.8	2.5	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.78	0.81	2	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.29	0.9	2	—	pCi/L	Y	—	U	09-3315	CAWR-09-12476	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.43	0.453	1.27	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.21	0.399	1.05	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.67	0.675	2.09	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.593	0.663	2.33	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.08	0.82	2.4	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.39	0.81	2.6	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.44	0.85	2.4	—	pCi/L	Y	—	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.62	0.97	2.1	—	pCi/L	Y	—	NQ	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.984	0.82	2.8	—	pCi/L	Y	U	U	09-3315	CAWR-09-12476	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	191	—	—	0.453	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	189	—	—	0.453	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	92.4	—	—	0.453	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	94.1	—	—	0.453	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	102	—	—	0.45	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	102	—	—	0.35	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	101	—	—	0.35	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.8	—	—	0.35	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.7	—	—	0.35	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	158	—	—	30	µg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	155	—	—	30	µg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	45.9	—	—	30	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	38.8	—	—	30	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	46.2	—	—	30	µg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	118	—	—	30	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	126	—	—	30	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	221	—	—	30	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	185	—	—	30	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.78	—	—	0.11	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.82	—	—	0.11	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.85	—	—	0.11	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.53	—	—	0.11	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.4	—	—	0.085	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.4	—	—	0.085	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.39	—	—	0.085	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.37	—	—	0.085	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	994	—	—	2	µg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	992	—	—	2	µg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	35.1	—	—	2	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	35	—	—	2	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	152	—	—	2	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	424	—	—	2	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	402	—	—	2	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	197	—	—	2	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	195	—	—	2	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	0.165	µg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.165	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.165	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.51	—	—	0.17	µg/L	Y	—	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.1	µg/L	Y	—	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.5	—	—	0.1	µg/L	Y	—	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.4	—	—	0.1	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.1	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.22	2.27	8.43	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.63	2.69	8.33	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.91	2.49	10	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.71	2.61	8.39	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.52	2.4	8.8	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.8	3	9	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.997	2.1	6.8	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	29	14	33	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.24	—	—	0.5	µg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.33	—	—	0.5	µg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.08	—	—	0.5	µg/L	Y	J	J	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.05	—	—	0.5	µg/L	Y	J	J	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.62	—	—	0.5	µg/L	Y	J	J+	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.825	—	—	0.5	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.813	—	—	0.5	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.14	—	—	0.5	µg/L	Y	J	J	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.06	—	—	0.5	µg/L	Y	J	J	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.123	—	—	0.017	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.118	—	—	0.017	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.121	—	—	0.017	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.182	—	—	0.05	mg/L	Y	J	J	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.174	—	—	0.05	mg/L	Y	J	U	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0299	—	—	0.01	mg/L	Y	J	U	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00565	0.0199	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00241	0.00933	0.0207	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00347	0.028	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00263	0.00456	0.0299	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0413	0.021	0.09	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00383	0.0027	0.022	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.002	0.023	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00383	0.0038	0.032	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00461	0.00652	0.0478	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00481	0.00963	0.0498	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00491	0.00602	0.0332	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00263	0.00696	0.0356	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0381	0.014	0.087	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00382	0.0033	0.037	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00199	0.002	0.039	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00382	0.0047	0.031	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.17	—	—	0.05	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.17	—	—	0.05	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.58	—	—	0.05	mg/L	Y	E	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	E	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.21	—	—	0.05	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.8	14.2	49.6	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	0.0775	17	62.5	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.3	18.9	63.7	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-7.56	16.7	65.6	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.2	17	61	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	31.4	18	70	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	24.6	18	66	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11	18	59	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54	—	—	0.053	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	53.5	—	—	0.053	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.3	—	—	0.265	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47	—	—	0.265	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.2	—	—	0.053	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.7	—	—	0.053	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.2	—	—	0.053	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46	—	—	0.053	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.8	—	—	0.053	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	40.7	—	—	0.1	mg/L	Y	—	J-	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	40.3	—	—	0.1	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.8	—	—	0.1	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.2	—	—	0.1	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.2	—	—	0.1	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.8	—	—	0.1	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.3	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.5	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.467	1.46	4.55	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.85	1.38	4.43	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.43	1.06	3.63	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.611	1.46	5.42	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.648	1.3	5.2	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	1.6	5.6	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.319	1.3	4.2	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.222	1.5	4.8	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	529	—	—	1	µS/cm	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	531	—	—	1	µS/cm	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	280	—	—	1	µS/cm	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	321	—	—	1	µS/cm	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	292	—	—	1	µS/cm	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	292	—	—	1	µS/cm	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	300	—	—	1	µS/cm	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	266	—	—	1	µS/cm	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	665	—	—	1	µg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	653	—	—	1	µg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	403	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	410	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	455	—	—	1	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	474	—	—	1	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	463	—	—	1	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	406	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	408	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.187	0.104	0.343	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.473	0.162	0.495	—	pCi/L	Y	U	U	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.207	0.124	0.476	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0223	0.137	0.493	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.251	0.12	0.49	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.189	0.13	0.45	—	pCi/L	Y	U	U	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0162	0.13	0.48	—	pCi/L	Y	U	U	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.229	0.11	0.33	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	27.7	—	—	0.266	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	29.4	—	—	0.266	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.03	—	—	0.133	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.08	—	—	0.133	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.52	—	—	0.1	mg/L	Y	—	J+	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.05	—	—	0.1	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.01	—	—	0.1	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.22	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.27	—	—	0.1	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	326	—	—	3.4	mg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	327	—	—	3.4	mg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	2.4	mg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	205	—	—	2.4	mg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	2.4	mg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	2.4	mg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.203	—	—	0.033	mg/L	Y	—	NQ	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.248	—	—	0.033	mg/L	Y	—	NQ	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.126	—	—	0.035	mg/L	Y	—	NQ	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0941	—	—	0.035	mg/L	Y	J	J-	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	11-63	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.085	—	—	0.033	mg/L	Y	J	J	11-63	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.179	—	—	0.033	mg/L	Y	—	U	09-3313	CAWR-09-12471	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.108	—	—	0.033	mg/L	Y	—	U	09-3313	CAWR-09-12476	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.37	—	—	0.33	mg/L	Y	—	NQ	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.02	—	—	0.33	mg/L	Y	—	NQ	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.35	—	—	0.33	mg/L	Y	—	NQ	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.42	—	—	0.33	mg/L	Y	—	NQ	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.21	—	—	0.33	mg/L	Y	—	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.43	—	—	0.33	mg/L	Y	—	U	11-63	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.45	—	—	0.33	mg/L	Y	—	U	11-63	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.795	—	—	0.33	mg/L	Y	J	J	09-3313	CAWR-09-12471	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.772	—	—	0.33	mg/L	Y	J	J	09-3313	CAWR-09-12476	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.432	0.733	1.99	—	pCi/L	Y	—	J-	2014-2713	CAWR-13-42147	ARSL
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.554	0.64	1.918	—	pCi/L	Y	U	U	2014-2713	CAWR-13-42126	ARSL
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.654	0.589	1.932	—	pCi/L	Y	U	U	2013-29	CAWR-12-23434	ARSL
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.316	0.643	2.16	—	pCi/L	Y	U	U	2013-29	CAWR-12-23403	ARSL
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.42	1.21	2.06	—	pCi/L	Y	U	U	12-97	CAWR-11-27994	ARSL
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-24.3512	63.7201	214.113	—	pCi/L	Y	U	U	11-115	CAWR-10-25332	ARSL
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	21.5418	3.3488	2.1896	—	pCi/L	Y	—	NQ	11-115	CAWR-10-26567	ARSL
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.2254	0.2898	0.2898	—	pCi/L	Y	U	U	09-3316	CAWR-09-12471	UMTL
Sacred Spring	—	09/22/09	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.3542	0.2898	0.2898	—	pCi/L	Y	—	U	09-3316	CAWR-09-12476	UMTL
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	5.45	—	—	0.067	µg/L	Y	—	NQ	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	5.55	—	—	0.067	µg/L	Y	—	NQ	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.12	—	—	0.067	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.38	—	—	0.067	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	4.27	—	—	0.05	µg/L	Y	—	NQ	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.05	µg/L	Y	—	NQ	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.861	—	—	0.05	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.833	—	—	0.05	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	3.52	0.0972	0.0332	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	3.4	0.0966	0.0338	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.689	0.0417	0.0401	—	pCi/L	Y	—	J	2013-36	CAWR-12-23434	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.644	0.0422	0.0437	—	pCi/L	Y	—	NQ	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.949	0.088	0.061	—	pCi/L	Y	—	NQ	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.726	0.063	0.032	—	pCi/L	Y	—	NQ	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.772	0.067	0.034	—	pCi/L	Y	—	NQ	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.603	0.061	0.098	—	pCi/L	Y	—	NQ	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0793	0.0181	0.0299	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0841	0.0187	0.0304	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00846	0.00846	0.0291	—	pCi/L	Y	U	U	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0153	0.0102	0.0317	—	pCi/L	Y	U	U	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0362	0.015	0.045	—	pCi/L	Y	U	U	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0734	0.014	0.025	—	pCi/L	Y	—	NQ	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0856	0.016	0.027	—	pCi/L	Y	—	NQ	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0205	0.0098	0.05	—	pCi/L	Y	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.67	0.067	0.0208	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42147	GELC
Sacred Spring	—	12/12/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.87	0.0716	0.0212	—	pCi/L	Y	—	NQ	2014-2681	CAWR-13-42126	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.356	0.0287	0.0273	—	pCi/L	Y	—	J	2013-36	CAWR-12-23434	GELC
Sacred Spring	—	10/03/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	0.0324	0.0297	—	pCi/L	Y	—	NQ	2013-36	CAWR-12-23403	GELC
Sacred Spring	—	10/14/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.41	0.048	0.072	—	pCi/L	Y	—	NQ	12-107	CAWR-11-27994	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.387	0.038	0.02	—	pCi/L	Y	—	NQ	11-65	CAWR-10-25332	GELC
Sacred Spring	—	10/06/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.352	0.037	0.021	—	pCi/L	Y	—	NQ	11-65	CAWR-10-26567	GELC
Sacred Spring	—	09/22/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.401	0.045	0.06	—	pCi/L	Y	—	NQ	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.29	—	—	1	µg/L	Y	J	J	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.44	—	—	1	µg/L	Y	J	J	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.77	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.33	—	—	1	µg/L	Y	—	NQ	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.96	—	—	1	µg/L	Y	—	NQ	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.1	—	—	1	µg/L	Y	J	J	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.94	—	—	1	µg/L	Y	J	J	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.6	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.44	—	—	1	µg/L	Y	—	NQ	09-3314	CAWR-09-12477	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.21	—	—	3.3	µg/L	Y	J	J	2014-2681	CAWR-13-42161	GELC
Sacred Spring	—	12/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.95	—	—	3.3	µg/L	Y	J	J	2014-2681	CAWR-13-42128	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-36	CAWR-12-23462	GELC
Sacred Spring	—	10/03/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-36	CAWR-12-23406	GELC
Sacred Spring	—	10/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-107	CAWR-11-27993	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	11-64	CAWR-10-25334	GELC
Sacred Spring	—	10/06/10	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	11-64	CAWR-10-26566	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.52	—	—	3.3	µg/L	Y	J	J	09-3314	CAWR-09-12472	GELC
Sacred Spring	—	09/22/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.43	—	—	3.3	µg/L	Y	J	J	09-3314	CAWR-09-12477	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0124	0.00656	0.0398	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00261	0.00585	0.0357	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00907	0.0046	0.037	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00447	0.0026	0.03	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00315	0.0025	0.036	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.78	—	—	1.7	µg/L	Y	J	J	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.42	—	—	1.7	µg/L	Y	J	J	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	—	1.7	µg/L	Y	J	J	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.25	—	—	1.5	µg/L	Y	J	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.17	—	—	1.5	µg/L	Y	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.2	—	—	1	µg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	36.9	—	—	15	µg/L	Y	J	J	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	39.7	—	—	15	µg/L	Y	J	J	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	37.9	—	—	15	µg/L	Y	J	J	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	39.3	—	—	15	µg/L	Y	J	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	36.8	—	—	15	µg/L	Y	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.1	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.3	—	—	0.05	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.336	1.62	5.75	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.4	1.65	5.82	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.53	1.8	6.6	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.538	1.5	5.1	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.69	1.7	4.7	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.57	—	—	2	µg/L	Y	J	J	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.37	—	—	2	µg/L	Y	J	J	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.96	—	—	2	µg/L	Y	J	J	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.34	—	—	2.5	µg/L	Y	J	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.27	—	—	2.5	µg/L	Y	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	1	—	—	1	µg/L	Y	J	J	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.334	1.55	6.03	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.175	1.26	4.86	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.202	1.5	5.8	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.12	1.4	4.5	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.825	1.4	4.4	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.22	0.488	1.25	—	pCi/L	Y	—	NQ	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.89	1.18	2.58	—	pCi/L	Y	—	NQ	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.28	0.98	1.9	—	pCi/L	Y	—	NQ	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.34	1.4	2.2	—	pCi/L	Y	—	NQ	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.63	1.2	2.4	—	pCi/L	Y	—	NQ	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.4	0.834	2.53	—	pCi/L	Y	—	NQ	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.59	0.736	2.13	—	pCi/L	Y	—	NQ	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.13	1	2.9	—	pCi/L	Y	—	NQ	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.3	1.7	2.8	—	pCi/L	Y	—	NQ	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.21	1.1	2.8	—	pCi/L	Y	—	NQ	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.5	—	—	0.45	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.4	—	—	0.35	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.35	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.967	—	—	0.11	mg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.886	—	—	0.11	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.986	—	—	0.11	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	0.992	—	—	0.085	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1	—	—	0.085	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.38	—	—	2	µg/L	Y	J	J	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.58	—	—	0.165	µg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.68	—	—	0.165	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.55	—	—	0.17	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.29	—	—	0.1	µg/L	Y	—	J	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.45	—	—	0.1	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.426	2.59	8.86	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.68	2.77	9.16	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.74	2.6	9.6	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.62	2.9	9.1	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.39	12	40	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00454	0.0276	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00976	0.00728	0.037	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0035	0.043	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00169	0.0017	0.019	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00187	0.0027	0.031	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00963	0.00718	0.0665	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00325	0.00861	0.044	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00246	0.0035	0.042	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00844	0.0041	0.033	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00187	0.0032	0.03	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.09	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.1	—	—	0.05	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.11	—	—	0.05	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.6	18.1	63.5	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.2	15.2	54.9	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.1	20	81	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17	17	62	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.6	17	57	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	30	—	—	0.1	mg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.8	—	—	0.1	mg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.3	—	—	0.1	mg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	29.7	—	—	0.1	mg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	31.3	—	—	0.1	mg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-4.35	1.61	4.41	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.698	1.2	4.48	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.27	1.3	5.6	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.398	1.6	5.2	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.545	1.4	4.8	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	200	—	—	1	µg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	200	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	197	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	199	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	197	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0606	0.0796	0.277	—	pCi/L	Y	U	U	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.159	0.106	0.481	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.255	0.15	0.49	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0621	0.13	0.48	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.019	0.093	0.31	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.02	0.639	2.039	—	pCi/L	Y	U	U	2014-2713	CAWR-13-42149	ARSL
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.825	0.688	2.245	—	pCi/L	Y	U	U	2013-8	CAWR-12-23436	ARSL
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.89	0.68	2.32	—	pCi/L	Y	U	U	12-75	CAWR-11-27999	ARSL
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.4776	0.7728	1.771	—	pCi/L	N	—	R	11-28	CAWR-10-25418	ARSL
Spring 1	—	09/27/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.8336	0.7406	1.771	—	pCi/L	Y	—	NQ	11-28	CAWR-10-25418	ARSL
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.0966	0.2898	0.2898	—	pCi/L	Y	U	U	10-20	CAWR-09-12484	UMTL
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.55	—	—	0.067	µg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.06	—	—	0.067	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.16	—	—	0.067	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.39	—	—	0.05	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.24	—	—	0.05	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.79	0.0685	0.0321	—	pCi/L	Y	—	NQ	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.42	0.0848	0.0801	—	pCi/L	Y	—	NQ	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.23	0.11	0.063	—	pCi/L	Y	—	NQ	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.44	0.13	0.072	—	pCi/L	Y	—	NQ	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.36	0.12	0.098	—	pCi/L	Y	—	NQ	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0544	0.0147	0.0289	—	pCi/L	Y	—	NQ	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0113	0.0159	0.0581	—	pCi/L	Y	U	U	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0327	0.016	0.046	—	pCi/L	Y	U	U	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0368	0.018	0.055	—	pCi/L	Y	U	U	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0308	0.011	0.05	—	pCi/L	Y	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.903	0.0485	0.0201	—	pCi/L	Y	—	NQ	2014-2663	CAWR-13-42149	GELC
Spring 1	—	09/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.806	0.0609	0.0545	—	pCi/L	Y	—	NQ	12-1573	CAWR-12-23436	GELC
Spring 1	—	10/11/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.6	0.066	0.074	—	pCi/L	Y	—	NQ	12-74	CAWR-11-27999	GELC
Spring 1	—	09/27/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.642	0.072	0.043	—	pCi/L	Y	—	NQ	10-4767	CAWR-10-25418	GELC
Spring 1	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.64	0.063	0.06	—	pCi/L	Y	—	NQ	10-13	CAWR-09-12484	GELC
Spring 1	—	12/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17	—	—	1	µg/L	Y	—	NQ	2014-2663	CAWR-13-42163	GELC
Spring 1	—	09/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23464	GELC
Spring 1	—	10/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	16	—	—	1	µg/L	Y	—	NQ	12-73	CAWR-11-28001	GELC
Spring 1	—	09/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17.1	—	—	1	µg/L	Y	—	NQ	10-4767	CAWR-10-25417	GELC
Spring 1	—	09/28/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	16.4	—	—	1	µg/L	Y	—	NQ	10-13	CAWR-09-12485	GELC
Spring 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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00255	0.0021	0.032	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0112	0.0055	0.038	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.81	1.9	5.2	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.623	1.5	4.9	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.23	1.6	5.9	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.28	1.5	5.3	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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
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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.26	0.88	2.4	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.37	0.72	2.2	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.46	1	2.7	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.81	1.1	2.6	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12507	GELC
Spring 3A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.12	12	41	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	22	13	42	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0017	0.029	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0017	0.0024	0.028	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00174	0.0025	0.028	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0017	0.0017	0.027	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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

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	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.354	20	69	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-10.1	19	68	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.02	1.5	5.3	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.821	1.4	5	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00487	0.11	0.43	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.196	0.077	0.27	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	12/02/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.827	0.822	2.523	—	pCi/L	Y	U	U	2014-2605	CAWR-13-42151	ARSL
Spring 3A	—	12/02/13	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.863	1.208	3.663	—	pCi/L	Y	U	U	2014-2605	CAWR-13-42127	ARSL
Spring 3A	—	10/03/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.1	0.63	2.15	—	pCi/L	Y	U	U	12-30	CAWR-11-28005	ARSL
Spring 3A	—	09/27/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.381	0.805	1.9642	—	pCi/L	N	—	R	11-28	CAWR-10-25438	ARSL
Spring 3A	—	09/27/10	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.22	0.7728	1.8998	—	pCi/L	N	—	R	11-28	CAWR-10-25442	ARSL
Spring 3A	—	09/27/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.6404	0.7728	1.9642	—	pCi/L	Y	—	U	11-28	CAWR-10-25438	ARSL
Spring 3A	—	09/27/10	WG	UF	RE	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.0608	0.6762	1.8998	—	pCi/L	Y	—	U	11-28	CAWR-10-25442	ARSL
Spring 3A	—	09/28/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.483	0.2898	0.2898	—	pCi/L	Y	—	U	10-68	CAWR-09-12501	UMTL
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.5152	0.2898	0.2898	—	pCi/L	Y	—	U	10-68	CAWR-09-12507	UMTL
Spring 3A	—	09/29/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.3685	1.04006	3.54522	—	pCi/L	Y	U	U	09-29	CAWR-08-15491	ARSL
Spring 3A	—	09/29/08	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.7567	1.08514	3.70944	—	pCi/L	Y	U	U	09-29	CAWR-08-15493	ARSL
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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.905	0.083	0.1	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.824	0.076	0.1	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12507	GELC
Spring 3A	—	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
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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.012	0.053	—	pCi/L	Y	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0317	0.012	0.052	—	pCi/L	Y	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	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

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-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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.501	0.053	0.063	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12501	GELC
Spring 3A	—	09/28/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.496	0.052	0.062	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12507	GELC
Spring 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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00762	0.0045	0.047	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.02	1.6	5.2	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.13	1.3	4.5	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.553	0.66	2.5	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.15	0.86	2.2	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	11.3	9.7	33	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0017	0.0024	0.028	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0017	0.0024	0.028	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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

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	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	17	55	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.118	1.2	4	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0107	0.1	0.35	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	12/03/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.095	0.884	2.68	—	pCi/L	Y	U	U	2014-2605	CAWR-13-42152	ARSL
Spring 4A	—	10/04/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.61	0.69	2.37	—	pCi/L	Y	U	U	12-30	CAWR-11-28018	ARSL
Spring 4A	—	09/27/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.4776	0.8372	2.0286	—	pCi/L	N	—	R	11-28	CAWR-10-25451	ARSL
Spring 4A	—	09/27/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.9624	0.805	2.0286	—	pCi/L	Y	—	U	11-28	CAWR-10-25451	ARSL
Spring 4A	—	03/24/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.322	0.2898	0.2898	—	pCi/L	Y	—	U	10-2646	CAWR-10-14106	UMTL
Spring 4A	—	09/28/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.3542	0.2898	0.2898	—	pCi/L	Y	—	U	10-68	CAWR-09-12522	UMTL
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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.853	0.077	0.094	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.033	0.012	0.048	—	pCi/L	Y	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	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	—	09/28/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.381	0.042	0.058	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12522	GELC
Spring 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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0185	0.0067	0.04	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.19	1.44	5.3	—	pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.61	1.7	4.9	—	pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.15	1.2	4.3	—	pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.464	1.3	4.1	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.25	1.4	4	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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

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	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.47	0.63	2.4	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.35	1.3	3.3	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12512	GELC
Spring 5	—	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
Spring 5	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.843	3.09	10.6	—	pCi/L	Y	U	U	12-1574	CAWR-12-23445	GELC
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.05	3.5	11	—	pCi/L	Y	U	U	12-46	CAWR-11-28032	GELC
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.5	2.9	8.6	—	pCi/L	Y	U	U	10-4820	CAWR-10-25339	GELC
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	8.93	12	41	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0017	0.028	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0023	0.027	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.7	17	59	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.483	1.2	4.2	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.158	0.11	0.35	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	12/03/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.178	0.89	2.68	—	pCi/L	Y	U	U	2014-2605	CAWR-13-42153	ARSL
Spring 5	—	10/05/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.9	0.62	2.12	—	pCi/L	Y	U	U	12-75	CAWR-11-28032	ARSL
Spring 5	—	09/28/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.898	0.7406	1.932	—	pCi/L	N	—	R	11-28	CAWR-10-25339	ARSL
Spring 5	—	09/28/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	4.9266	0.966	1.932	—	pCi/L	Y	—	U	11-28	CAWR-10-25339	ARSL
Spring 5	—	09/29/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.4508	0.2898	0.2898	—	pCi/L	Y	U	U	10-68	CAWR-09-12512	UMTL
Spring 5	—	09/30/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.25078	1.10446	3.71266	—	pCi/L	Y	U	U	09-29	CAWR-08-15521	ARSL
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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.427	0.048	0.11	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12512	GELC
Spring 5	—	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

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	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	0.0097	0.054	—	pCi/L	Y	U	U	10-43	CAWR-09-12512	GELC
Spring 5	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.181	0.027	0.064	—	pCi/L	Y	—	NQ	10-43	CAWR-09-12512	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00254	0.00569	0.0331	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0054	0.0054	0.0368	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00196	0.0034	0.032	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00487	0.0027	0.031	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000278	0.0016	0.028	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.34	1.6	4.21	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.39	1.64	5.28	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.916	1.7	5.7	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.946	1.2	4	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.955	1.4	4.4	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.793	1.2	4.58	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.37	5.72	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.71	1.9	6.8	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.96	1.2	4.7	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.46	1.8	6.2	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.00905	0.385	1.34	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.311	0.464	2.56	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.596	0.75	2.8	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.344	0.4	2.3	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.17	0.98	2.6	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.57	0.914	2.9	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.13	0.6	1.72	—	pCi/L	Y	—	NQ	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.52	1	2.4	—	pCi/L	Y	—	NQ	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.68	0.7	2.1	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.02	1.1	2.2	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.45	3.32	7.94	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.35	2.6	9.3	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.27	3.9	13	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.658	2.4	8	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.19	12	36	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00296	0.00514	0.0302	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00231	0.00612	0.0263	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00366	0.0073	0.032	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-2.46E-10	0.0029	0.023	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00996	0.0044	0.028	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00726	0.0464	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00463	0.00654	0.0313	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0128	0.0055	0.031	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00619	0.0036	0.04	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00664	0.0041	0.027	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.1	12.3	35.7	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.2	16.9	69.2	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	28.1	23	77	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.25	15	48	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	42.1	19	71	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.987	0.984	3.6	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.101	1.32	5.09	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.289	2	6.7	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.924	1.3	3.9	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.12	1.6	5.5	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.148	0.13	0.486	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0179	0.135	0.489	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.13	0.14	0.49	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.198	0.14	0.48	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.199	0.14	0.47	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.464	0.626	1.891	—	pCi/L	Y	U	U	2014-2649	CAWR-13-42154	ARSL
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.42	0.62	2.06	—	pCi/L	Y	U	U	12-75	CAWR-11-28033	ARSL
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-46.5303	63.8814	215.329	—	pCi/L	N	U	R	11-28	CAWR-10-26573	ARSL
Spring 5B	—	09/28/10	WG	UF	RE	REG	RAD	EPA:906.0	Tritium	H-3	N	-46.5303	63.8814	215.329	—	pCi/L	Y	U	U	11-28	CAWR-10-26573	ARSL
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	1.288	0.2898	0.2898	—	pCi/L	Y	—	NQ	10-68	CAWR-09-12542	UMTL
Spring 5B	—	09/25/07	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	Y	1.5778	0.2898	0.2898	—	pCi/L	Y	—	NQ	2409	UU070900GB5S01	UMTL
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.524	0.0411	0.0639	—	pCi/L	Y	—	NQ	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.498	0.0427	0.0594	—	pCi/L	Y	—	NQ	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.497	0.048	0.035	—	pCi/L	Y	—	NQ	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.446	0.046	0.04	—	pCi/L	Y	—	NQ	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.468	0.05	0.099	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0078	0.0123	0.0402	—	pCi/L	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0334	0.0145	0.0431	—	pCi/L	Y	U	U	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0208	0.0099	0.026	—	pCi/L	Y	U	U	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0118	0.0073	0.031	—	pCi/L	Y	U	U	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0173	0.0078	0.051	—	pCi/L	Y	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	12/10/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.347	0.0343	0.0339	—	pCi/L	Y	—	NQ	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.233	0.0304	0.0404	—	pCi/L	Y	—	NQ	12-1574	CAWR-12-23447	GELC
Spring 5B	—	10/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.282	0.032	0.041	—	pCi/L	Y	—	NQ	12-51	CAWR-11-28033	GELC
Spring 5B	—	09/28/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.232	0.029	0.024	—	pCi/L	Y	—	NQ	10-4828	CAWR-10-26573	GELC
Spring 5B	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.289	0.035	0.061	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12542	GELC
Spring 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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00774	0.0044	0.029	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00372	0.0041	0.03	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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
Spring 6	—	09/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.00896	1.48	5.61	—	pCi/L	Y	U	U	12-1574	CAWR-12-23448	GELC
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.477	1.4	4.3	—	pCi/L	Y	U	U	12-51	CAWR-11-28038	GELC
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1	1.4	4.5	—	pCi/L	Y	U	U	10-4820	CAWR-10-25376	GELC
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.525	1.5	5.1	—	pCi/L	Y	U	U	10-4820	CAWR-10-25378	GELC
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.25	1.8	5.3	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	1.5	5.4	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.167	1.2	3.9	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0368	1.4	4.8	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.2	0.81	2.6	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.727	0.71	2.5	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.99	1	2.2	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.33	0.9	2.6	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	10.9	11	39	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	19.7	12	38	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00164	0.0023	0.027	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00682	0.0038	0.029	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00328	0.0023	0.027	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0024	0.028	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.73	20	69	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-6.55	17	63	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.4	1.6	4.9	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.109	1.4	4.5	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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

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: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	—	09/29/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0585	0.13	0.5	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.229	0.13	0.4	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	12/09/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.171	0.649	2.045	—	pCi/L	Y	U	U	2014-2649	CAWR-13-42155	ARSL
Spring 6	—	10/06/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.03	0.65	2.2	—	pCi/L	Y	U	U	12-75	CAWR-11-28038	ARSL
Spring 6	—	09/28/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.3166	0.8694	2.1896	—	pCi/L	N	—	R	11-28	CAWR-10-25376	ARSL
Spring 6	—	09/28/10	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.4132	0.8694	2.254	—	pCi/L	N	—	R	11-28	CAWR-10-25378	ARSL
Spring 6	—	09/28/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	6.1824	1.1914	2.1896	—	pCi/L	Y	—	U	11-28	CAWR-10-25376	ARSL
Spring 6	—	09/28/10	WG	UF	RE	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.5134	0.7406	2.254	—	pCi/L	Y	U	U	11-28	CAWR-10-25378	ARSL
Spring 6	—	09/29/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	0.2898	0.2898	0.2898	—	pCi/L	Y	—	NQ	10-68	CAWR-09-12545	UMTL
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0	0.2898	0.2898	—	pCi/L	Y	U	U	10-68	CAWR-09-12547	UMTL
Spring 6	—	09/30/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.38782	1.04006	3.54522	—	pCi/L	Y	U	U	09-29	CAWR-08-15532	ARSL
Spring 6	—	09/30/08	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.06724	1.127	3.81248	—	pCi/L	Y	U	U	09-29	CAWR-08-15534	ARSL
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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.187	0.031	0.11	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.207	0.031	0.098	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00366	0.0052	0.054	—	pCi/L	Y	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00341	0.0076	0.05	—	pCi/L	Y	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	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	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.083	0.019	0.064	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12545	GELC
Spring 6	—	09/29/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0717	0.02	0.06	—	pCi/L	Y	—	NQ	10-47	CAWR-09-12547	GELC
Spring 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
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00991	0.0084	0.075	—	pCi/L	Y	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00144	0.006	0.024	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0877	2.6	3.4	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.37	1.2	4.3	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.672	0.806	2.95	—	pCi/L	Y	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	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	—	09/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.28	1.53	4.1	—	pCi/L	Y	—	J	194658	GU070900G9SW01	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-29.4	9.8	27	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00287	0.0029	0.043	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00287	0.0095	0.049	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.7	15	50	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.7	1.2	4.6	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0373	0.11	0.44	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	12/16/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.77	0.598	1.944	—	pCi/L	Y	U	U	2014-2713	CAWR-13-42156	ARSL
Spring 9	—	09/29/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.6386	0.8694	2.0608	—	pCi/L	N	—	R	11-28	CAWR-10-25395	ARSL
Spring 9	—	09/29/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.7388	0.7084	2.0608	—	pCi/L	Y	U	U	11-28	CAWR-10-25395	ARSL
Spring 9	—	09/29/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.1932	0.2898	0.2898	—	pCi/L	Y	U	U	10-68	CAWR-09-12565	UMTL
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.56814	1.04006	3.542	—	pCi/L	Y	U	U	09-29	CAWR-08-15537	ARSL
Spring 9	—	09/25/07	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	0.2576	0.2898	0.2898	—	pCi/L	Y	—	U	2409	UU070900G9SW01	UMTL
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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 9	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.432	0.08	0.45	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0785	0.047	0.23	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 9	—	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	—	09/30/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.178	0.052	0.25	—	pCi/L	Y	U	U	09-21	CAWR-08-15537	GELC
Spring 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	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00116	0.0062	0.048	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.337	1.5	4.9	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.16	1.6	4.7	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.249	0.84	3.3	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.217	0.8	2.9	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	30.7	18	38	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0043	0.036	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00215	0.0057	0.035	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC

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	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	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.68	15	53	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.13	1.4	4	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0558	0.12	0.47	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	12/16/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.298	0.62	2.088	—	pCi/L	Y	U	U	2014-2713	CAWR-13-42157	ARSL
Spring 9A	—	10/13/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.4	1.19	2.02	—	pCi/L	Y	U	U	12-97	CAWR-11-28048	ARSL
Spring 9A	—	09/28/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.669	1.0948	2.6726	—	pCi/L	N	—	R	11-28	CAWR-10-25398	ARSL
Spring 9A	—	09/28/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.5778	0.9016	2.6726	—	pCi/L	Y	U	U	11-28	CAWR-10-25398	ARSL
Spring 9A	—	09/30/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.0322	0.2898	0.2898	—	pCi/L	Y	U	U	10-68	CAWR-09-12567	UMTL
Spring 9A	—	10/01/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.57136	1.11412	3.7996	—	pCi/L	Y	U	U	09-29	CAWR-08-15539	ARSL
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	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.257	0.029	0.074	—	pCi/L	Y	—	NQ	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0206	0.0083	0.038	—	pCi/L	Y	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	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	—	09/30/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.02	0.045	—	pCi/L	Y	—	NQ	10-52	CAWR-09-12567	GELC

Appendix D

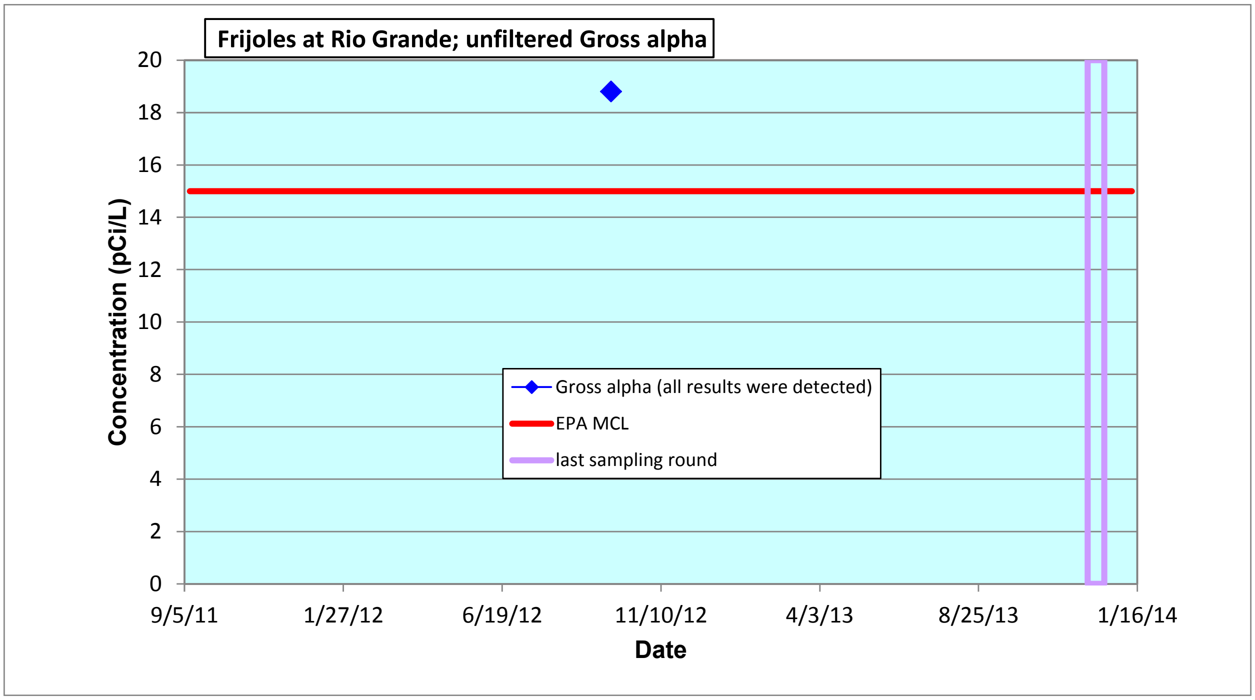
Groundwater Results Greater Than Half of Screening Levels

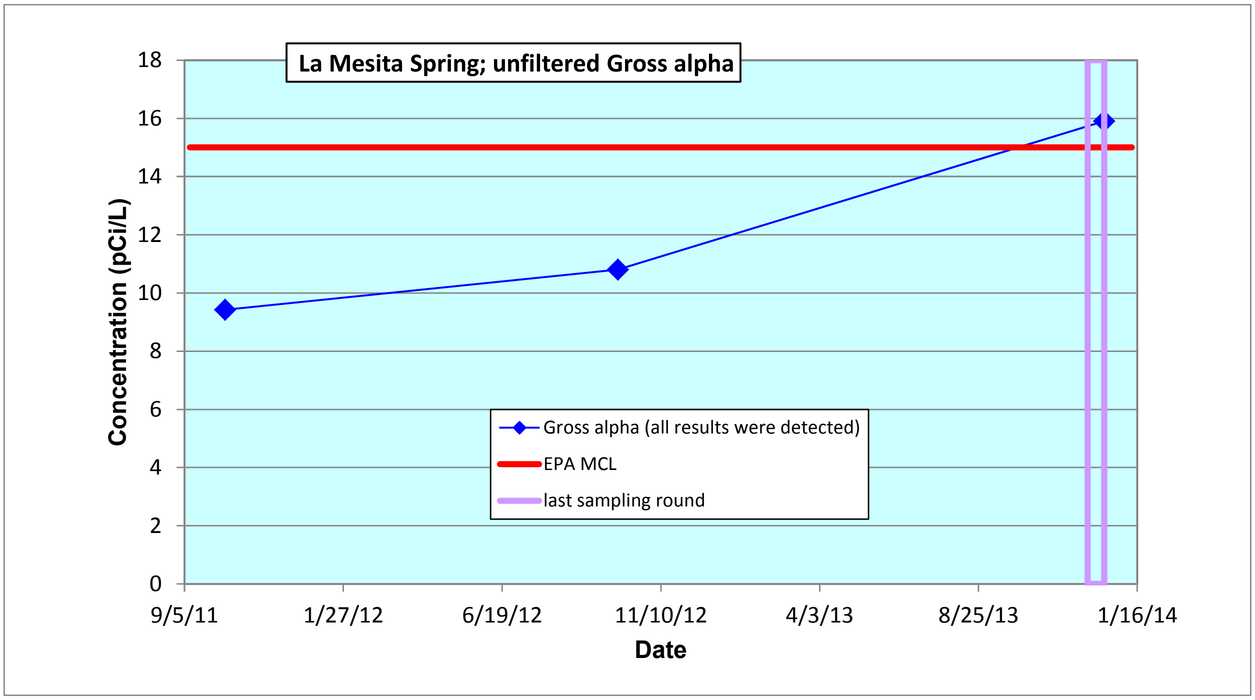
Zone	Location	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Uncertainty	Minimum Detectable Activity	Unit	Dilution Factor	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
Regional Spring	La Mesita Spring	12/17/13	RAD[a]	Gross alpha	GROSSA	UF[b]	INIT[c]	REG[d]	Y[e]	15.9	—[f]	2.18	2.98	pCi/L	1	NQ[g]	NQ	Y	EPA:900	GELC[h]	15	EPA MCL[i]	1.06
Regional Spring	Sacred Spring	12/12/13	Metals	Manganese	Mn	F[j]	INIT	REG	Y	994	2	—	—	µg/L	1	J[k]	I10a[l]	Y	SW-846:6010B	GELC	200	NMWQCC GW STD[m]	4.97
Regional Spring	Sacred Spring	12/12/13	Metals	Manganese	Mn	F	INIT	FD[n]	Y	992	2	—	—	µg/L	1	NQ	NQ	Y	SW-846:6010B	GELC	200	NMWQCC GW STD	4.96

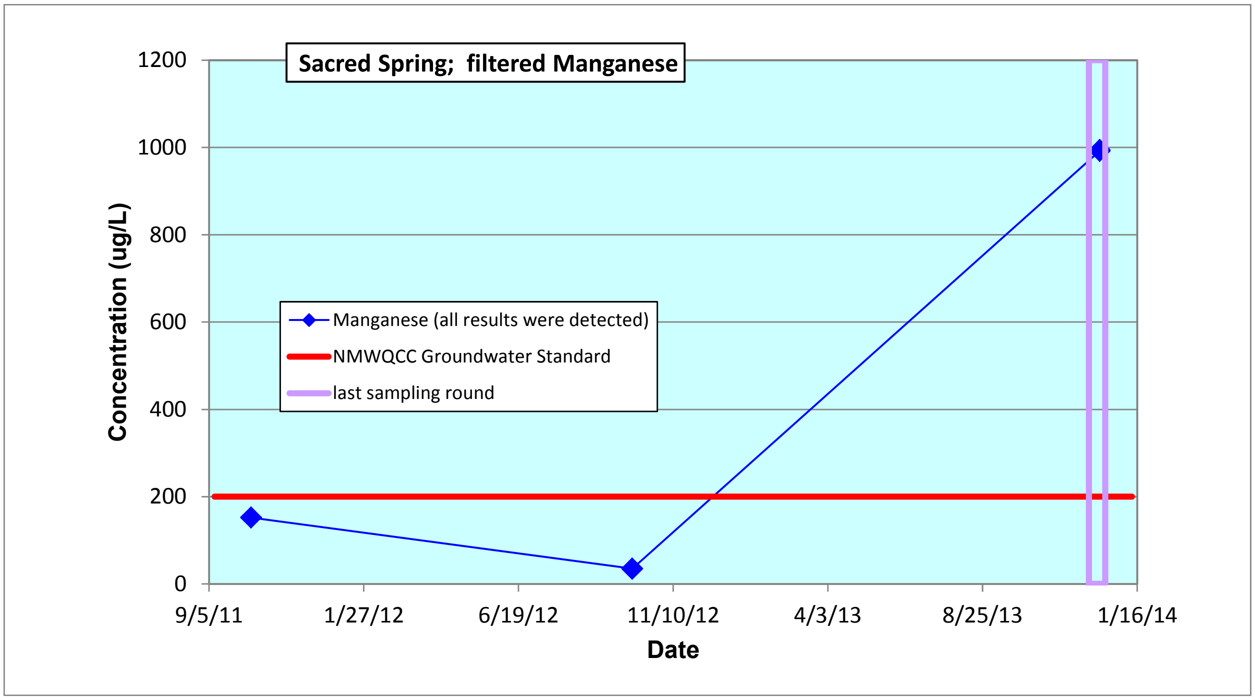
[a] RAD = Radioactivity.
[b] UF = Unfiltered.
[c] INIT = Initial.
[d] REG = Regular.
[e] Y = Yes.
[f] — = None.
[g] NQ = Not qualified.
[h] GELC = General Engineering Laboratories, Inc., Charleston, SC.
[i] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.
[j] F = Filtered.
[k] J = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
[l] I10a = The sample and the duplicate sample results were ≥5 times the reporting limit, and the duplicate relative percent difference was >20% for water samples and >35% for soil samples.
[m] NMWQCC GW STD = New Mexico Water Quality Control Commission groundwater standard.
[n] FD = Field duplicate.

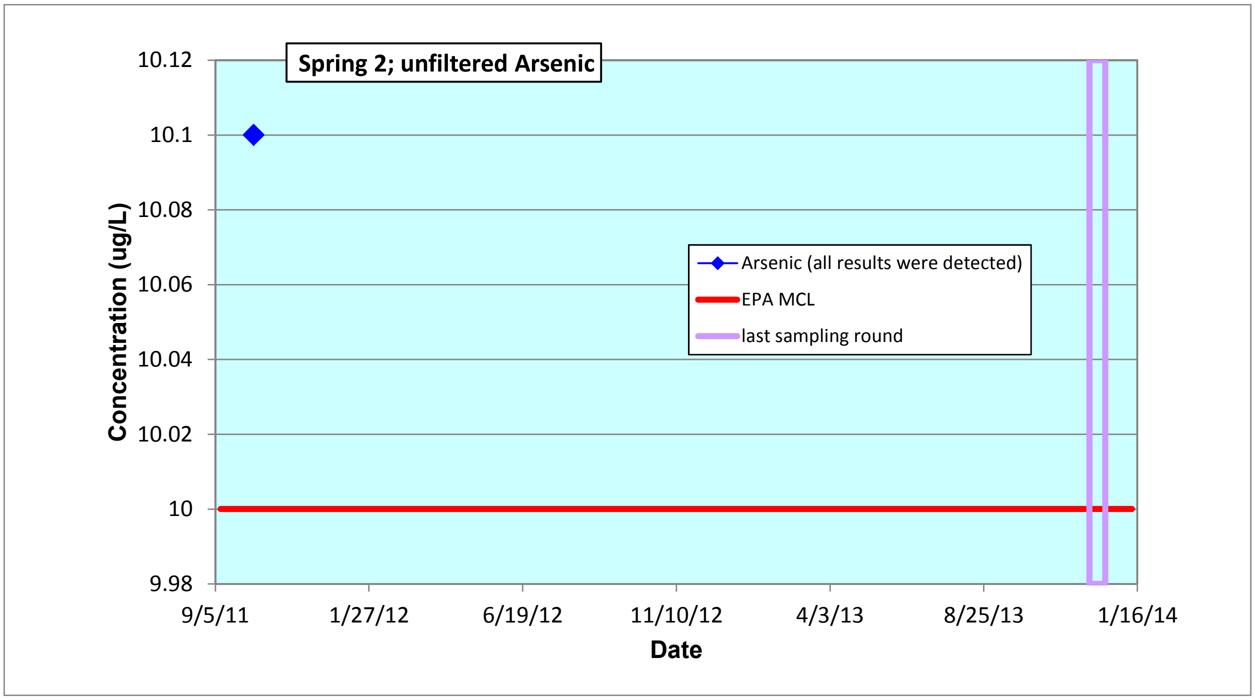
Appendix E

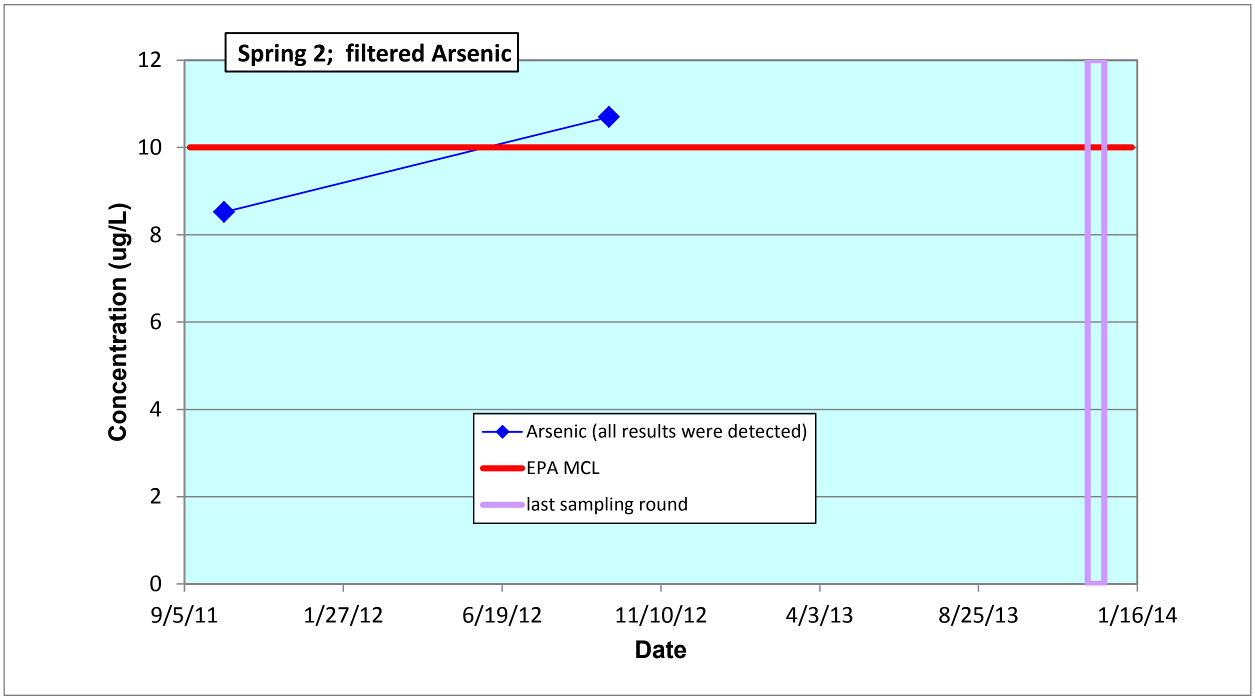
Analytical Chemistry Graphs of Screening-Level Exceedances

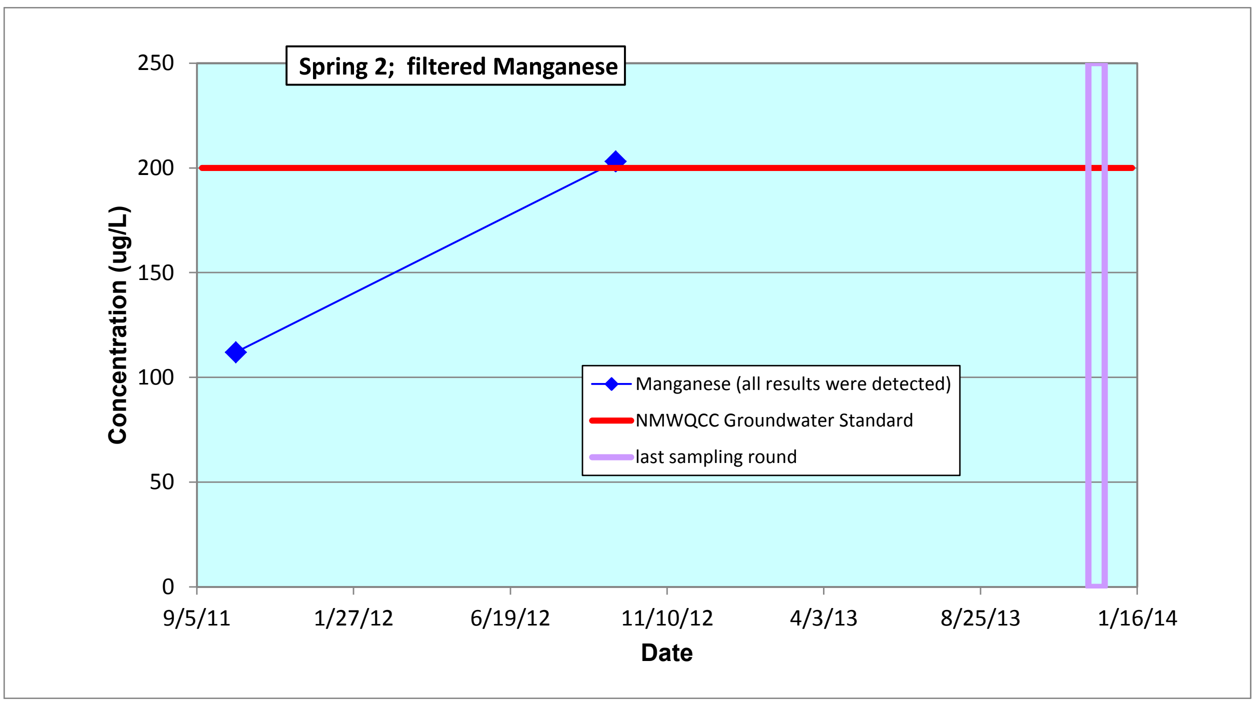

Frijoles at Rio Grande; unfiltered Gross alpha
Concentration (pCi/L)
20
18
16
14
12
10
8
6
4
2
0
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date
Gross alpha (all results were detected)
EPA MCL
last sampling round

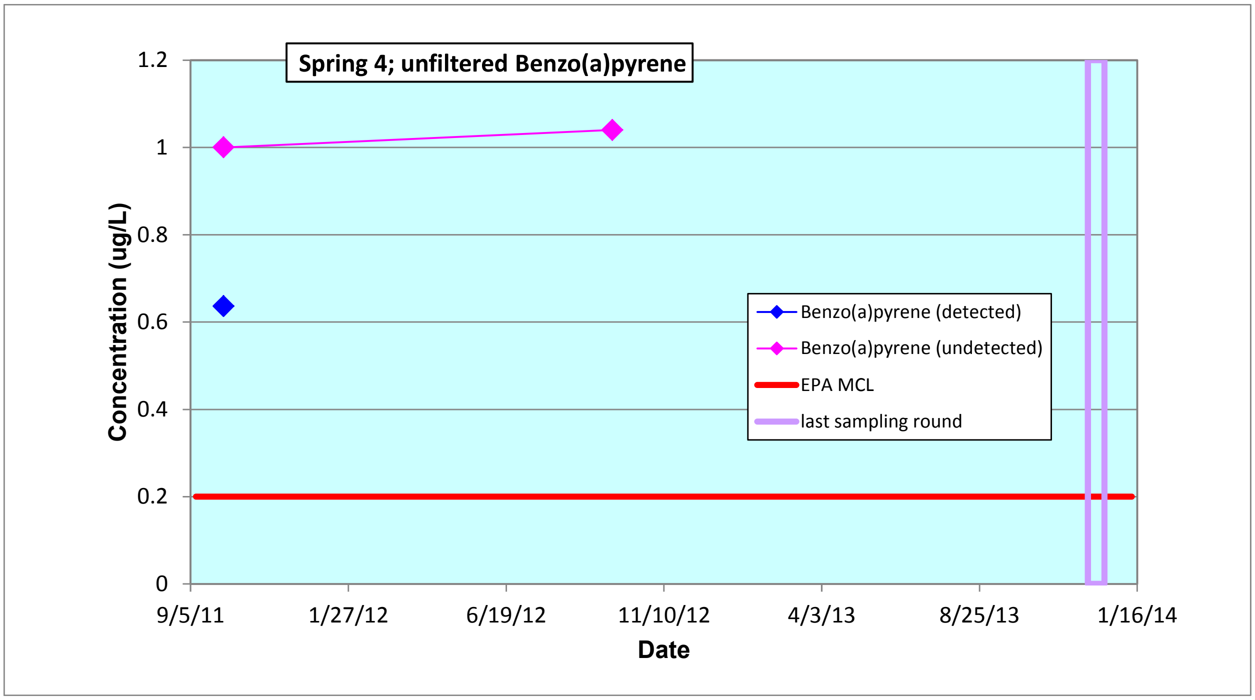

La Mesita Spring; unfiltered Gross alpha
Concentration (pCi/L)
18
16
14
12
10
8
6
4
2
0
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date
Gross alpha (all results were detected)
EPA MCL
last sampling round

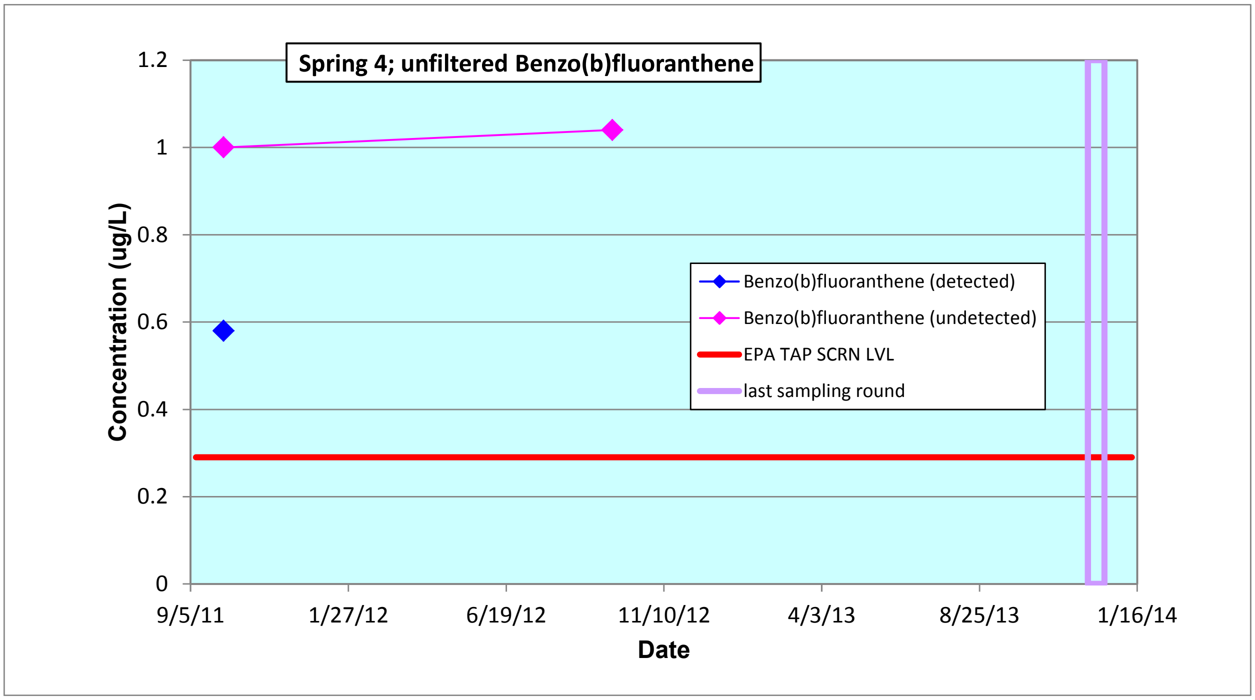

Sacred Spring; filtered Manganese
1200
1000
800
600
400
200
0
Concentration (ug/L)
Manganese (all results were detected)
NMWQCC Groundwater Standard
last sampling round
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date

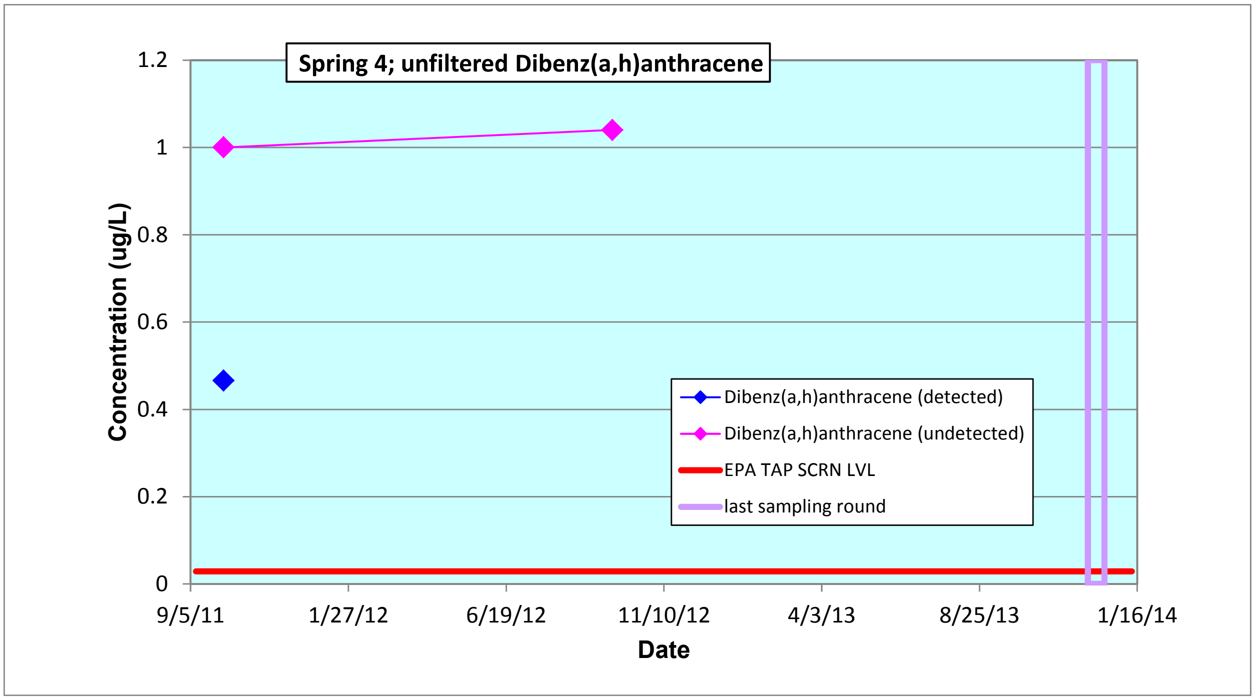

Spring 2; unfiltered Arsenic
10.12
10.1
10.08
10.06
10.04
10.02
10
9.98
Concentration (ug/L)
Arsenic (all results were detected)
EPA MCL
last sampling round
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date

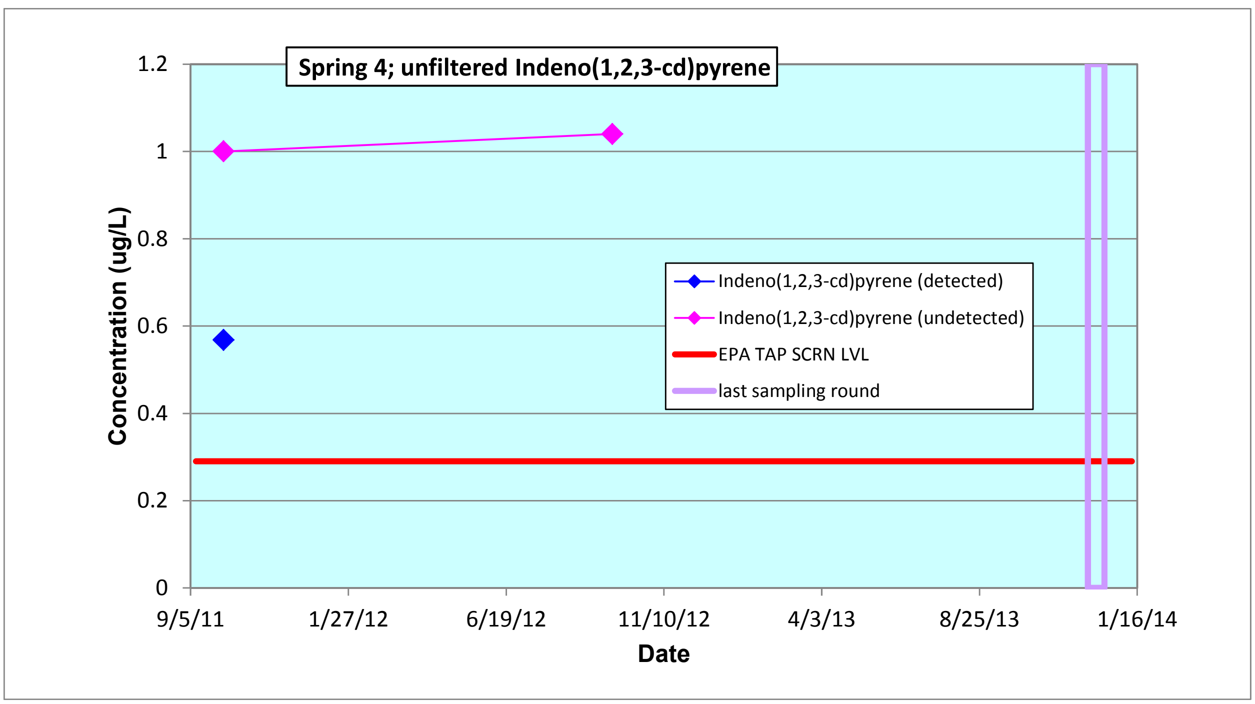

Spring 2; filtered Arsenic
Concentration (ug/L)
0
2
4
6
8
10
12
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date
Arsenic (all results were detected)
EPA MCL
last sampling round


Spring 2; filtered Manganese
Concentration (ug/L)
0
50
100
150
200
250
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date
Manganese (all results were detected)
NMWQCC Groundwater Standard
last sampling round


Spring 4; unfiltered Benzo(a)pyrene
1.2
1
0.8
0.6
0.4
0.2
0
Concentration (ug/L)
Benzo(a)pyrene (detected)
Benzo(a)pyrene (undetected)
EPA MCL
last sampling round
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date


Spring 4; unfiltered Benzo(b)fluoranthene
1.2
1
0.8
0.6
0.4
0.2
0
Concentration (ug/L)
Benzo(b)fluoranthene (detected)
Benzo(b)fluoranthene (undetected)
EPA TAP SCRN LVL
last sampling round
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date


Spring 4; unfiltered Dibenz(a,h)anthracene
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date
Dibenz(a,h)anthracene (detected)
Dibenz(a,h)anthracene (undetected)
EPA TAP SCRN LVL
last sampling round


Spring 4; unfiltered Indeno(1,2,3-cd)pyrene
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
9/5/11
1/27/12
6/19/12
11/10/12
4/3/13
8/25/13
1/16/14
Date
Indeno(1,2,3-cd)pyrene (detected)
Indeno(1,2,3-cd)pyrene (undetected)
EPA TAP SCRN LVL
last sampling round

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-2583	Organic	GELC[a]	CAWR-13-42151	12/02/13	Spring 3A	—[b]	—
2014-2583	Organic	GELC	CAWR-13-42127	12/02/13	Spring 3A	—	—
2014-2583	Rad[c]	GELC	CAWR-13-42151	12/02/13	Spring 3A	—	—
2014-2583	Rad	GELC	CAWR-13-42127	12/02/13	Spring 3A	—	—
2014-2599	Organic	GELC	CAWR-13-42152	12/03/13	Spring 4A	—	—
2014-2599	Organic	GELC	CAWR-13-42153	12/03/13	Spring 5	—	—
2014-2599	Rad	GELC	CAWR-13-42152	12/03/13	Spring 4A	—	—
2014-2599	Rad	GELC	CAWR-13-42153	12/03/13	Spring 5	—	—
2014-2605	Rad	ARSL[d]	CAWR-13-42151	12/02/13	Spring 3A	—	—
2014-2605	Rad	ARSL	CAWR-13-42127	12/02/13	Spring 3A	—	—
2014-2605	Rad	ARSL	CAWR-13-42152	12/03/13	Spring 4A	—	—
2014-2605	Rad	ARSL	CAWR-13-42153	12/03/13	Spring 5	—	—
2014-2640	Organic	GELC	CAWR-13-42155	12/09/13	Spring 6	—	—
2014-2640	Rad	GELC	CAWR-13-42155	12/09/13	Spring 6	—	—
2014-2646	Organic	GELC	CAWR-13-42144	12/10/13	Ancho Spring	—	—
2014-2646	Organic	GELC	CAWR-13-42154	12/10/13	Spring 5B	—	—
2014-2646	Rad	GELC	CAWR-13-42144	12/10/13	Ancho Spring	—	—
2014-2646	Rad	GELC	CAWR-13-42154	12/10/13	Spring 5B	—	—
2014-2649	Rad	ARSL	CAWR-13-42144	12/10/13	Ancho Spring	—	—
2014-2649	Rad	ARSL	CAWR-13-42154	12/10/13	Spring 5B	—	—
2014-2649	Rad	ARSL	CAWR-13-42155	12/09/13	Spring 6	—	—
2014-2663	Inorganic	GELC	CAWR-13-42160	12/11/13	Rio Grande at Otowi Bridge	—	—
2014-2663	Inorganic	GELC	CAWR-13-42146	12/11/13	Rio Grande at Otowi Bridge	—	—
2014-2663	Inorganic	GELC	CAWR-13-42163	12/11/13	Spring 1	—	—
2014-2663	Organic	GELC	CAWR-13-42149	12/11/13	Spring 1	—	—
2014-2663	Organic	GELC	CAWR-13-42146	12/11/13	Rio Grande at Otowi Bridge	—	—
2014-2663	Rad	GELC	CAWR-13-42149	12/11/13	Spring 1	—	—
2014-2663	Rad	GELC	CAWR-13-42146	12/11/13	Rio Grande at Otowi Bridge	—	—
2014-2664	Organic	CFA[e]	CAWR-13-42146	12/11/13	Rio Grande at Otowi Bridge	—	—
2014-2681	Inorganic	GELC	CAWR-13-42126	12/12/13	Sacred Spring	—	—
2014-2681	Inorganic	GELC	CAWR-13-42161	12/12/13	Sacred Spring	—	—
2014-2681	Inorganic	GELC	CAWR-13-42128	12/12/13	Sacred Spring	—	—
2014-2681	Inorganic	GELC	CAWR-13-42147	12/12/13	Sacred Spring	—	—
2014-2681	Organic	GELC	CAWR-13-42126	12/12/13	Sacred Spring	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-2681	Organic	GELC	CAWR-13-42147	12/12/13	Sacred Spring	—	—
2014-2681	Rad	GELC	CAWR-13-42126	12/12/13	Sacred Spring	—	—
2014-2681	Rad	GELC	CAWR-13-42147	12/12/13	Sacred Spring	—	—
2014-2695	Organic	GELC	CAWR-13-42157	12/16/13	Spring 9A	—	—
2014-2695	Organic	GELC	CAWR-13-42156	12/16/13	Spring 9	—	—
2014-2695	Rad	GELC	CAWR-13-42157	12/16/13	Spring 9A	—	—
2014-2695	Rad	GELC	CAWR-13-42156	12/16/13	Spring 9	—	—
2014-2697	Inorganic	GELC	CAWR-13-42145	12/17/13	La Mesita Spring	—	—
2014-2697	Inorganic	GELC	CAWR-13-42159	12/17/13	La Mesita Spring	—	—
2014-2697	Organic	GELC	CAWR-13-42145	12/17/13	La Mesita Spring	—	—
2014-2697	Rad	GELC	CAWR-13-42145	12/17/13	La Mesita Spring	—	—
2014-2713	Rad	ARSL	CAWR-13-42149	12/11/13	Spring 1	—	—
2014-2713	Rad	ARSL	CAWR-13-42145	12/17/13	La Mesita Spring	—	—
2014-2713	Rad	ARSL	CAWR-13-42126	12/12/13	Sacred Spring	—	—
2014-2713	Rad	ARSL	CAWR-13-42157	12/16/13	Spring 9A	—	—
2014-2713	Rad	ARSL	CAWR-13-42156	12/16/13	Spring 9	—	—
2014-2713	Rad	ARSL	CAWR-13-42147	12/12/13	Sacred Spring	—	—

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

[b] — = Not applicable.

[c] Rad = Radiochemistry (not gamma).

[d] ARSL = American Radiation Services, Inc.

[e] CFA = Cape Fear Analytical, LLC.