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Periodic Monitoring Report for White Rock Watershed, March 22–March 26, 2010

Prepared by the Environmental Programs Directorate

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EXECUTIVE SUMMARY

This report provides the results of the periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the White Rock Watershed. The PME was conducted pursuant to the 2009 Interim Facility-Wide Groundwater Monitoring Plan, prepared under the Compliance Order on Consent.

The PME documented in this report occurred from March 22 to March 26, 2010, and included monitoring of springs and base-flow stations. This report also includes results from previous PMEs that were unreported in their respective periodic monitoring reports (PMRs) because of agreements with San Ildefonso Pueblo regarding the release or the availability of validated laboratory data.

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

Five surface-water results from samples collected during previous PMEs and reported in this PMR and one result from the current PME are above screening levels. One groundwater result from a sample collected during a previous PME and reported in this PMR and one result from the current PME are above screening levels.

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Acronyms and Abbreviations

amsl	above mean sea level
AOC	area of concern
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
bgs	below ground surface
C	cancer
cfs	cubic feet per second
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
HE	high explosives
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory (the Laboratory)
MCL	maximum contaminant level (EPA)
MDL	method detection limit
N	noncancer
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity units
PAH	polycyclic aromatic hydrocarbon

PCB	polychlorinated biphenyl
PME	periodic monitoring event
PMR	periodic monitoring report
PPE	personal protective equipment
PQL	practical quantitation limit
QC	quality control
RCRA	Resource Conservation and Recovery Act
RPF	Records Processing Facility
SOP	standard operating procedure
SWMU	solid waste management unit
TA	technical area
UF	unfiltered

1.0 INTRODUCTION

This report provides documentation of semiannual groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the White Rock Watershed pursuant to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) (LANL 2009, 106115) prepared under the Compliance Order on Consent (Consent Order). This periodic monitoring event (PME) occurred from March 22 to March 26, 2010, and included sampling of springs and base-flow stations. This report also includes results from previous PMEs that were unreported in their respective periodic monitoring reports (PMRs) because of agreements with San Ildefonso Pueblo regarding the release or the availability of validated laboratory data.

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

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

1.1 Background

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

Tritium operations took place at Technical Area 33 (TA-33). The “RFI Work Plan for OU 1122” (LANL 1992, 007671) describes environmental concerns at TA-33. To the north of TA-33 lies TA-70, a buffer area where no Laboratory activities have occurred. Adjoining TA-70 to the north are low- to moderate-density residential areas in White Rock, a mix of private property, and Los Alamos County land. A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary. San Ildefonso Pueblo property borders Los Alamos County on the north; this land is undeveloped. San Ildefonso Pueblo operates numerous water-supply wells on both sides of the

Rio Grande, and the City of Santa Fe operates the Buckman well field on the east side of the Rio Grande across from White Rock.

2.0 SCOPE OF ACTIVITIES

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

Table 2.0-1 provides the location name, sample collection date, and instantaneous stream-flow values for each location. These locations are shown in Figure 2.0-1. Base-flow measurements are shown in Figure 2.0-2.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2009 IFGMP.

3.2 Field Parameter Results

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

3.3 Water-Level Observations

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

3.4 Deviations from Planned Scope

Table 3.4-1 describes the deviations from the planned scope of the PME. Table 3.4-2 presents a list of analytes for which the practical quantitation limits (PQLs) and method detection limits (MDLs) are greater than screening levels.

Although the Buckman Direct Diversion SW and Rio Grande at Otowi Bridge sampling locations are listed in Table 8.4-1 of the 2009 IFGMP, they are sampled and reported separately under an agreement between the Laboratory and the City of Santa Fe.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PME are documented in the 2009 IFGMP. Purge water is being managed and characterized in accordance with the Waste Characterization Strategy Form 39268 and ENV-RCRA-QP-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling 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 quality program and procedures may be viewed at http://www.lanl.gov/environment/all/qa.shtml. Completed chain-of-custody

forms serve as an analytical request form and include the requester or owner, sample number, program code, date and time of sample collection, total number of bottles, list of analytes to be measured, bottle sizes, and preservatives for each analysis required.

The required analytical laboratory batch quality control (QC) is defined by the analytical method, the analytical statement of work, and generally accepted laboratory practices. The analytical laboratory assigns qualifiers to the data to indicate the quality of the analytical results. The laboratory batch QC is used in the secondary data validation process to evaluate the quality of individual analytical results, evaluate the appropriateness of the analytical methodologies, and measure the routine performance of the analytical laboratory.

In addition to batch QC performed by laboratories, the Laboratory submitted field QC samples to test the overall sampling and analytical laboratory process and to spot-check for analytical problems. These results are used in secondary validation along with information provided by the analytical laboratory.

After the Laboratory receives the analytical laboratory data packages, the packages receive secondary validation by an independent contractor, Analytical Quality Associates, Inc. (AQA). AQA's reviews follow the guidelines set in the DOE model SOP for data validation, which includes reviewing the data quality and the documentation's correctness and completeness; verifying that holding times were met; and ensuring that analytical laboratory QC measures were applied, documented, and kept within contract requirements. As a result of secondary validation, a second set of qualifiers is assigned to the analytical results.

The Laboratory assigns detection status to the analytical result based on the analytical laboratory and secondary validation qualifiers. A "<" symbol indicates that based on the qualifiers the result was a nondetection.

4.2 Analytical Data

Appendix C presents the analytical data from this PME and from the four sampling events immediately before the March 2010 sampling event. The screening levels with which the results are compared are presented in Table 4.2-1. The analytical laboratory reports (including chain-of-custody forms, data validation, etc.) are provided in Appendix F.

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

- All data
    - ❖ Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered "not detected" but are still reported. Analytical laboratory QC results, including matrix spike and matrix spike duplicates, are not included in the data set.
- Radionuclides
    - ❖ All low-detection-limit tritium data are reported. Results greater than 3 times the 1 standard deviation total propagated analytical uncertainty (or 3σ) are considered to be detections.
    - ❖ Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.

  - ❖ Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
  - ❖ Otherwise, all detections are reported at all locations, that is, results without a laboratory qualifier of U or X (abbreviations that indicate that the analyte was not detected).

- Nonradionuclides
  - ❖ All results, excluding nondetections, are reported. Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, and different analytical methods are also reported.

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

- 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. Surface-water sampling results were compared with all surface-water standards without consideration of the designated use for the particular reach.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants.
- As required by the Consent Order, EPA Regional Screening Levels for Tap Water (formerly Region 6 Screening Levels for Tap Water) are used for constituents having no other regulatory standard and for which toxicological information is published. For these screening levels, the tables indicate a risk type of C (cancer) or N (noncancer). For the cancer-risk type, the risk levels are for 10^{-6} excess cancer risk. The Consent Order specifies screening with these values at a risk level of 10^{-5} (rather than 10^{-6}) excess cancer risk. Therefore, data must exceed the 10^{-6} screening values by a factor of 10 or more to be above a risk level of 10^{-5} excess cancer risk.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guide (BCG) for surface water and Derived Concentration Guide (DCG) for groundwater.

Tables D-1 through D-16 in Appendix D show all detected analytical results for perchlorate, radionuclides, and organic compounds and all analytical results greater than half the lowest applicable screening-level values for metals and general inorganic compounds.

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

Table 4.2-2 shows results for surface water and groundwater (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.

An exceedance map for the current watershed monitoring event was not included because a single analyte did not exceed its standard at more than one location for this round of sampling.

4.2.1 Surface Water (Base Flow)

For the September 2009 PME, concentrations of five polycyclic aromatic hydrocarbon (PAH) compounds (including, for example, benzo[a]anthracene) in a sample at Mortandad at Rio Grande exceeded the NMWQCC human health criteria screening level of 0.18 µg/L (which applies to each compound). All these concentrations were near the detection limit, and the concentrations were estimated. This is the second time these PAH compounds have been analyzed for at this location; none were detected in a sample collected in September 2007.

For the current PME, the filtered aluminum result of 922 µg/L in a sample at Frijoles at Rio Grande was above the NMWQCC Aquatic Chronic standard screening level of 87 µg/L. This is the highest result measured at this location. Of 13 previous sampling events at this location since 1993, concentrations measured on six earlier dates also exceeded the screening level; the highest of these was 216 µg/L. The turbidity of 10.5 nephelometric turbidity units (NTU) measured with the recent sample was the highest at the location. The highest earlier turbidity results of about 8.7 NTU were measured in 2006 and 2007.

4.2.2 Groundwater

For the September 2009 PME, the filtered arsenic result at Spring 2 of 10.3 µg/L was above the EPA MCL of 10 µg/L. The unfiltered result for this sample event was 14.4 µg/L. Previous measurements for arsenic at this location (both filtered and unfiltered) have often been near 30 µg/L. However, since 2007, filtered and unfiltered measurements were between 9.0 µg/L and 14.4 µg/L.

For the current PME, the filtered iron result of 1280 µg/L at Spring 4C was above the NMWQCC groundwater standard screening level of 1000 µg/L. The unfiltered result was 316 µg/L. The filtered result is higher than values measured in seven previous sampling events since 2005. Those results were mostly nondetects, all below a reporting limit of 100 µg/L (MDL of 25 µg/L); one detection with an estimated concentration of 75 µg/L was reported. Turbidities for all the samples collected, including the most recent one, were 1.0 NTU or lower.

4.3 Sampling Program Modifications

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

5.0 SUMMARY

5.1 Monitoring Results

An evaluation of the field parameter monitoring results is presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

Five surface-water results from samples collected in previous PMEs and reported in this periodic PMR and one result from the current PME are above screening levels. Except for five PAH compounds detected at Mortandad at Rio Grande and the highest filtered aluminum measured at Frijoles at Rio Grande, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.2.2 Groundwater

One groundwater result from a sample collected in a previous PME and reported in this PMR and one result from the current PME are above screening levels. Except for the highest filtered iron result detected at Spring 4C during the current PME, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.3 Data Gaps

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

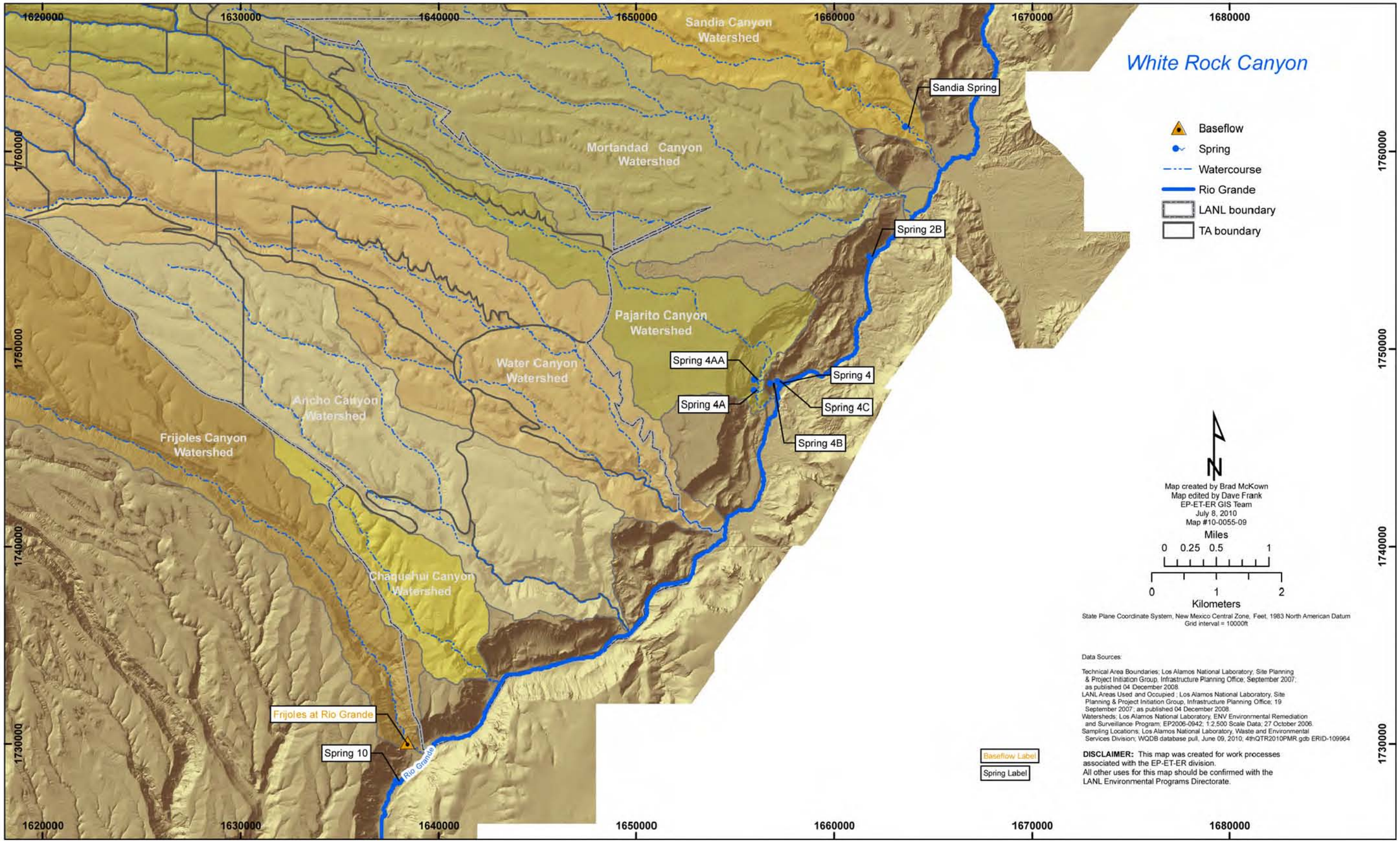
6.0 REFERENCES

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

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

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

LANL (Los Alamos National Laboratory), May 2009. "2009 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-09-1340, Los Alamos, New Mexico. (LANL 2009, 106115)



Note: Some locations on this map may not have been sampled (see Table 3.4-1).

Figure 2.0-1 Locations monitored for this PME

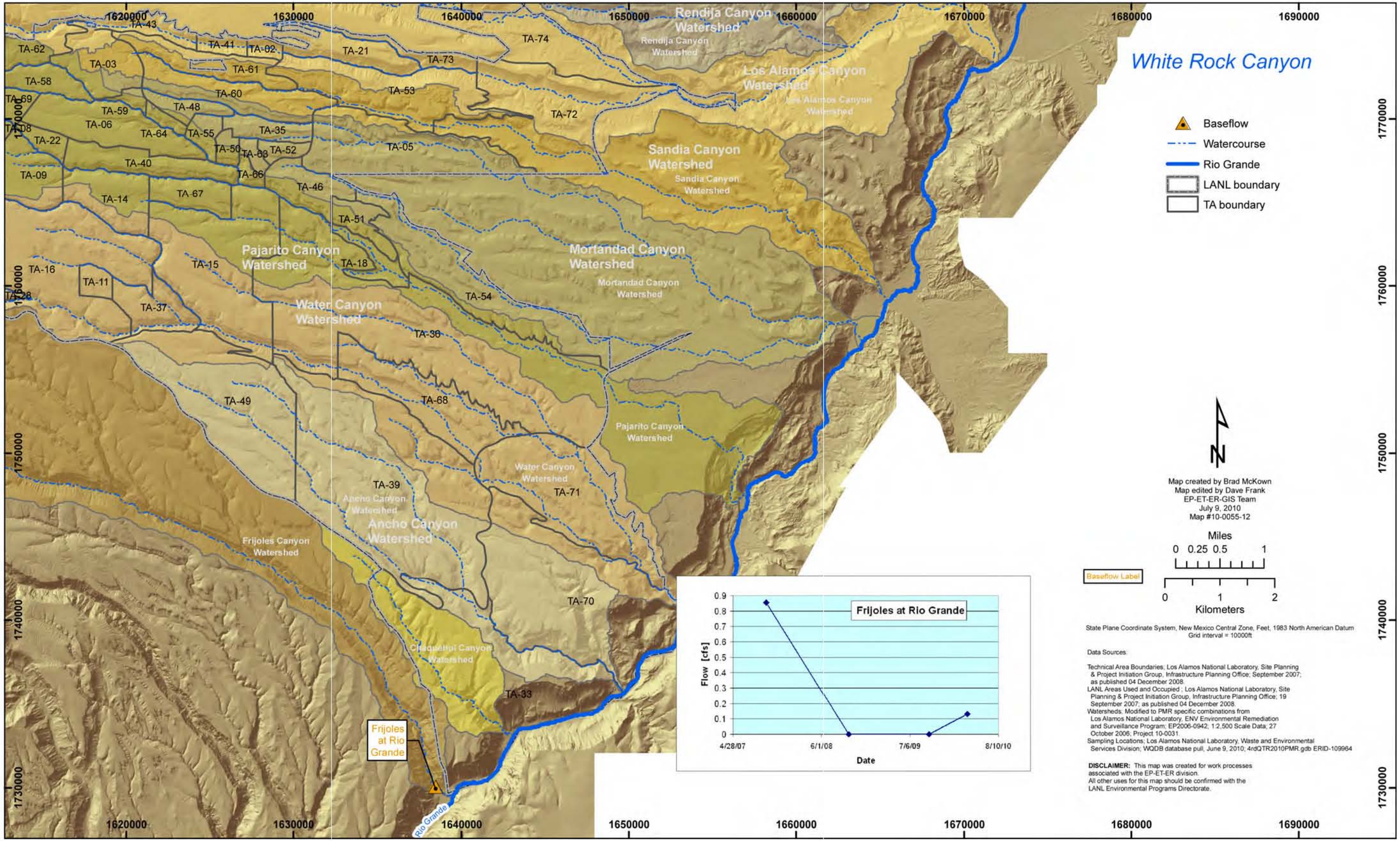


Figure 2.0-2 Base-flow measurements

Table 2.0-1
White Rock Watershed Monitoring Locations and General Information

Location	Sample Collection Date	Base Flow (cfs*)
Frijoles at Rio Grande	03/22/10	0.132—Sampled 50 m from confluence at Rio Grande
Sandia Spring	03/23/10	0.001
Spring 10	03/22/10	Sampling at this location was cancelled on 03/22/10 because spring was dry.
Spring 2B	03/23/10	Not sampled, spring under water
Spring 4	03/24/10	0.11—Spring issues from two points in embankment, and samples collected from point with stronger flow
Spring 4A	03/24/10	0.015
Spring 4AA	03/24/10	0.007
Spring 4B	03/24/10	0.003
Spring 4C	03/24/10	0.013

*cfs = Cubic feet per second.

Table 3.4-1
White Rock PME Observations and Deviations

Location	Deviation	Cause	Comment
Spring 10	No data are included in this report for this location.	Sampling at this location was cancelled on 03/22/10 because spring was dry.	Location will be sampled during the next scheduled PME.
Spring 2B	No data are included in this report for this location.	This location was not sampled on 03/23/10 because the spring was under water.	Location will be sampled during the next scheduled PME.
Buckman Direct Diversion SW and Rio Grande at Otowi Bridge	No data are included in this report for these locations.	These data are reported separately under an agreement between the Laboratory and the City of Santa Fe.	These data are reported separately. The NMED–Hazardous Waste Bureau will receive LANL's bimonthly reports of surface monitoring results for the Rio Grande above the City of Santa Fe's Buckman Direct Diversion and Rio Grande at Otowi Bridge.

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

CAS No.	Analyte Name	MDL	PQL	Screening Level	Unit	Screening-Level Type
Radionuclides						
Np-237	Neptunium-237	n/a*	10	1.2	pCi/L	DOE DCG
Semivolatile Organic Analytes						
1912-24-9	Atrazine	2	10	3	µg/L	EPA MCL
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	2	50	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.29	µg/L	EPA Regional Tap
50-32-8	Benzo(a)pyrene	0.2	1	0.2	µg/L	EPA MCL
205-99-2	Benzo(b)fluoranthene	0.2	1	0.29	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
117-81-7	Bis(2-ethylhexyl)phthalate	2	10	6	µg/L	EPA MCL
106-47-8	Chloroaniline[4-]	2	10	3.4	µg/L	EPA Regional Tap
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	1	10	1.5	µg/L	EPA Regional Tap
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	3.6	µg/L	EPA Regional Tap
121-14-2	Dinitrotoluene[2,4-]	2	10	2.2	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	1	µg/L	EPA MCL
87-68-3	Hexachlorobutadiene	2	10	8.6	µg/L	EPA Regional Tap
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.29	µg/L	EPA Regional Tap
98-95-3	Nitrobenzene	3	10	1.2	µg/L	EPA Regional Tap
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-]	2	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
108-60-1	Oxybis(1-chloropropane)[2,2'-]	2	10	3.2	µg/L	EPA Regional Tap
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
108-95-2	Phenol	1	10	5	µg/L	NM GW STD
Volatile Organic Analytes						
107-02-8	Acrolein	3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-chloropropane[1,2-]	0.5	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1	5	1	µg/L	EPA Regional Tap
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

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

* n/a = Not applicable.

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

Standard Type	Groundwater	Surface Water
DOE BCG	n/a[a]	X[b]
DOE 100 mrem Public Dose DCG	X	n/a
DOE 4 mrem Drinking-Water DCG	X	n/a
EPA Primary Drinking-Water Standard	X	n/a
EPA Regional Screening Levels for Tap water	X	n/a
New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
NMWQCC Groundwater Standard	X	n/a
NMWQCC Irrigation Standard	n/a	X
NMWQCC Livestock Watering Standard	n/a	X
NMWQCC Wildlife Habitat Standard	n/a	X
NMWQCC Aquatic Life Standards Acute	n/a	X
NMWQCC Aquatic Life Standards Chronic	n/a	X
NMWQCC Human Health Standard	n/a	X

[a] n/a = Not applicable.

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

Table 4.2-2
Surface-Water and Groundwater Results above Screening Levels

Location	Date	Analyte	Field Prep Code	Result	Unit	Screening-Level Value	Screening-Level Source
Surface Water							
Mortandad at Rio Grande	09/28/09	Benzo(a)anthracene	UF[a]	0.403	µg/L	0.18	NM Human Health
Mortandad at Rio Grande	09/28/09	Benzo(a)pyrene	UF	0.237	µg/L	0.18	NM Human Health
Mortandad at Rio Grande	09/28/09	Benzo(k)fluoranthene	UF	0.241	µg/L	0.18	NM Human Health
Mortandad at Rio Grande	09/28/09	Chrysene	UF	0.239	µg/L	0.18	NM Human Health
Mortandad at Rio Grande	09/28/09	Indeno(1,2,3-cd)pyrene	UF	0.26	µg/L	0.18	NM Human Health
Frijoles at Rio Grande	03/22/10	Aluminum	F[b]	922	µg/L	87	NM Aquatic Chronic
Regional Groundwater							
Spring 2	09/28/09	Arsenic	F	13.2	µg/L	10	EPA MCL
Spring 4C	03/24/10	Iron	F	1280	µg/L	1000	NMWQCC GW STD

[a] UF = Unfiltered.

[b] F = Filtered.

Appendix A

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

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Frijoles at Rio Grande	—[a]	—	03/22/10	WS[b]	Dissolved Oxygen	12.02	mg/L	CAWR-10-14115
Frijoles at Rio Grande	—	—	09/26/07	WP[c]	Dissolved Oxygen	10.38	mg/L	FU070900PGRF01
Frijoles at Rio Grande	—	—	09/20/06	WP	Dissolved Oxygen	8.72	mg/L	FU060900PGRF01
Frijoles at Rio Grande	—	—	09/28/05	WS	Dissolved Oxygen	10.71	mg/L	FU05090PGRF01
Frijoles at Rio Grande	—	—	03/22/10	WS	pH	7.03	SU[d]	CAWR-10-14115
Frijoles at Rio Grande	—	—	09/26/07	WP	pH	8.29	SU	FU070900PGRF01
Frijoles at Rio Grande	—	—	09/20/06	WP	pH	8.23	SU	FU060900PGRF01
Frijoles at Rio Grande	—	—	09/28/05	WS	pH	8.11	SU	FU05090PGRF01
Frijoles at Rio Grande	—	—	09/15/04	WS	pH	8.4	SU	FU04090WGRF01
Frijoles at Rio Grande	—	—	03/22/10	WS	Specific Conductance	94	µS/cm[e]	CAWR-10-14115
Frijoles at Rio Grande	—	—	09/26/07	WP	Specific Conductance	122.5	µS/cm	FU070900PGRF01
Frijoles at Rio Grande	—	—	09/20/06	WP	Specific Conductance	132	µS/cm	FU060900PGRF01
Frijoles at Rio Grande	—	—	09/28/05	WS	Specific Conductance	134	µS/cm	FU05090PGRF01
Frijoles at Rio Grande	—	—	09/15/04	WS	Specific Conductance	133	µS/cm	FU04090WGRF01
Frijoles at Rio Grande	—	—	03/22/10	WS	Temperature	7.91	deg C	CAWR-10-14115
Frijoles at Rio Grande	—	—	09/26/07	WP	Temperature	13.1	deg C	FU070900PGRF01
Frijoles at Rio Grande	—	—	09/20/06	WP	Temperature	12.2	deg C	FU060900PGRF01
Frijoles at Rio Grande	—	—	09/28/05	WS	Temperature	19.2	deg C	FU05090PGRF01
Frijoles at Rio Grande	—	—	09/15/04	WS	Temperature	13.4	deg C	FU04090WGRF01
Frijoles at Rio Grande	—	—	03/22/10	WS	Turbidity	10.5	NTU[f]	CAWR-10-14115
Frijoles at Rio Grande	—	—	09/26/07	WP	Turbidity	5.3	NTU	FU070900PGRF01
Frijoles at Rio Grande	—	—	09/20/06	WP	Turbidity	8.47	NTU	FU060900PGRF01
Frijoles at Rio Grande	—	—	09/28/05	WS	Turbidity	8.69	NTU	FU05090PGRF01
Frijoles at Rio Grande	—	—	09/15/04	WS	Turbidity	4.24	NTU	FU04090WGRF01
Sandia Spring	—	—	03/23/10	WG[g]	Dissolved Oxygen	12.79	mg/L	CAWR-10-14081
Sandia Spring	—	—	09/23/09	WG	Dissolved Oxygen	7.03	mg/L	CAWR-09-12481
Sandia Spring	—	—	04/23/09	WG	Dissolved Oxygen	7.5	mg/L	CAWR-09-7931

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Sandia Spring	—	—	09/25/08	WG	Dissolved Oxygen	5.68	mg/L	CAWR-08-15466
Sandia Spring	—	—	09/18/07	WG	Dissolved Oxygen	4.62	mg/L	FU070900GSSW01
Sandia Spring	—	—	03/23/10	WG	pH	6.27	SU	CAWR-10-14081
Sandia Spring	—	—	09/23/09	WG	pH	7.46	SU	CAWR-09-12481
Sandia Spring	—	—	04/23/09	WG	pH	6.77	SU	CAWR-09-7931
Sandia Spring	—	—	09/25/08	WG	pH	6.46	SU	CAWR-08-15466
Sandia Spring	—	—	03/23/10	WG	Specific Conductance	203	µS/cm	CAWR-10-14081
Sandia Spring	—	—	09/23/09	WG	Specific Conductance	182	µS/cm	CAWR-09-12481
Sandia Spring	—	—	04/23/09	WG	Specific Conductance	159	µS/cm	CAWR-09-7931
Sandia Spring	—	—	09/25/08	WG	Specific Conductance	194.5	µS/cm	CAWR-08-15466
Sandia Spring	—	—	03/23/10	WG	Temperature	6.43	deg C	CAWR-10-14081
Sandia Spring	—	—	09/23/09	WG	Temperature	15.79	deg C	CAWR-09-12481
Sandia Spring	—	—	04/23/09	WG	Temperature	12.8	deg C	CAWR-09-7931
Sandia Spring	—	—	09/25/08	WG	Temperature	16.5	deg C	CAWR-08-15466
Sandia Spring	—	—	09/18/07	WG	Temperature	17.2	deg C	FU070900GSSW01
Sandia Spring	—	—	03/23/10	WG	Turbidity	3.47	NTU	CAWR-10-14081
Sandia Spring	—	—	09/23/09	WG	Turbidity	0.41	NTU	CAWR-09-12481
Sandia Spring	—	—	04/23/09	WG	Turbidity	1.87	NTU	CAWR-09-7931
Sandia Spring	—	—	09/25/08	WG	Turbidity	1.07	NTU	CAWR-08-15466
Sandia Spring	—	—	09/18/07	WG	Turbidity	1.61	NTU	FU070900GSSW01
Spring 4	—	—	03/24/10	WG	Dissolved Oxygen	8.23	mg/L	CAWR-10-14102
Spring 4	—	—	09/28/09	WG	Dissolved Oxygen	7.63	mg/L	CAWR-09-12519
Spring 4	—	—	09/28/09	WG	Dissolved Oxygen	7.63	mg/L	CAWR-09-12520
Spring 4	—	—	04/21/09	WG	Dissolved Oxygen	12.65	mg/L	CAWR-09-7934
Spring 4	—	—	09/29/08	WG	Dissolved Oxygen	5.72	mg/L	CAWR-08-15500
Spring 4	—	—	04/24/08	WG	Dissolved Oxygen	10.2	mg/L	CAWR-08-12099
Spring 4	—	—	03/24/10	WG	pH	6.84	SU	CAWR-10-14102

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4	—	—	09/28/09	WG	pH	6.9	SU	CAWR-09-12520
Spring 4	—	—	09/28/09	WG	pH	6.9	SU	CAWR-09-12519
Spring 4	—	—	04/21/09	WG	pH	7.17	SU	CAWR-09-7934
Spring 4	—	—	09/29/08	WG	pH	7	SU	CAWR-08-15500
Spring 4	—	—	04/24/08	WG	pH	7.1	SU	CAWR-08-12099
Spring 4	—	—	03/24/10	WG	Specific Conductance	206	µS/cm	CAWR-10-14102
Spring 4	—	—	09/28/09	WG	Specific Conductance	197	µS/cm	CAWR-09-12519
Spring 4	—	—	09/28/09	WG	Specific Conductance	197	µS/cm	CAWR-09-12520
Spring 4	—	—	04/21/09	WG	Specific Conductance	165	µS/cm	CAWR-09-7934
Spring 4	—	—	09/29/08	WG	Specific Conductance	72.3	µS/cm	CAWR-08-15500
Spring 4	—	—	04/24/08	WG	Specific Conductance	170.4	µS/cm	CAWR-08-12099
Spring 4	—	—	03/24/10	WG	Temperature	15.02	deg C	CAWR-10-14102
Spring 4	—	—	09/28/09	WG	Temperature	16.67	deg C	CAWR-09-12519
Spring 4	—	—	09/28/09	WG	Temperature	16.67	deg C	CAWR-09-12520
Spring 4	—	—	04/21/09	WG	Temperature	15.77	deg C	CAWR-09-7934
Spring 4	—	—	09/29/08	WG	Temperature	16.1	deg C	CAWR-08-15500
Spring 4	—	—	04/24/08	WG	Temperature	17.2	deg C	CAWR-08-12099
Spring 4	—	—	03/24/10	WG	Turbidity	0.76	NTU	CAWR-10-14102
Spring 4	—	—	09/28/09	WG	Turbidity	2.2	NTU	CAWR-09-12520
Spring 4	—	—	09/28/09	WG	Turbidity	2.2	NTU	CAWR-09-12519
Spring 4	—	—	04/21/09	WG	Turbidity	0.86	NTU	CAWR-09-7934
Spring 4	—	—	09/29/08	WG	Turbidity	1.83	NTU	CAWR-08-15500
Spring 4	—	—	04/24/08	WG	Turbidity	2.4	NTU	CAWR-08-12099
Spring 4A	—	—	03/24/10	WG	Dissolved Oxygen	7.46	mg/L	CAWR-10-14106
Spring 4A	—	—	09/28/09	WG	Dissolved Oxygen	6.67	mg/L	CAWR-09-12524
Spring 4A	—	—	04/21/09	WG	Dissolved Oxygen	7.01	mg/L	CAWR-09-7944
Spring 4A	—	—	09/29/08	WG	Dissolved Oxygen	8.4	mg/L	CAWR-08-15512

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4A	—	—	04/24/08	WG	Dissolved Oxygen	7.57	mg/L	CAWR-08-12111
Spring 4A	—	—	03/24/10	WG	pH	7.3	SU	CAWR-10-14106
Spring 4A	—	—	09/28/09	WG	pH	7.36	SU	CAWR-09-12524
Spring 4A	—	—	04/21/09	WG	pH	7.53	SU	CAWR-09-7944
Spring 4A	—	—	09/29/08	WG	pH	7.22	SU	CAWR-08-15512
Spring 4A	—	—	04/24/08	WG	pH	7.65	SU	CAWR-08-12111
Spring 4A	—	—	03/24/10	WG	Specific Conductance	193	µS/cm	CAWR-10-14106
Spring 4A	—	—	09/28/09	WG	Specific Conductance	203	µS/cm	CAWR-09-12524
Spring 4A	—	—	04/21/09	WG	Specific Conductance	178	µS/cm	CAWR-09-7944
Spring 4A	—	—	09/29/08	WG	Specific Conductance	202	µS/cm	CAWR-08-15512
Spring 4A	—	—	04/24/08	WG	Specific Conductance	194.2	µS/cm	CAWR-08-12111
Spring 4A	—	—	03/24/10	WG	Temperature	19.09	deg C	CAWR-10-14106
Spring 4A	—	—	09/28/09	WG	Temperature	20.37	deg C	CAWR-09-12524
Spring 4A	—	—	04/21/09	WG	Temperature	20.31	deg C	CAWR-09-7944
Spring 4A	—	—	09/29/08	WG	Temperature	20.8	deg C	CAWR-08-15512
Spring 4A	—	—	04/24/08	WG	Temperature	21.1	deg C	CAWR-08-12111
Spring 4A	—	—	03/24/10	WG	Turbidity	1.09	NTU	CAWR-10-14106
Spring 4A	—	—	09/28/09	WG	Turbidity	0.76	NTU	CAWR-09-12524
Spring 4A	—	—	04/21/09	WG	Turbidity	0.41	NTU	CAWR-09-7944
Spring 4A	—	—	09/29/08	WG	Turbidity	0.75	NTU	CAWR-08-15512
Spring 4A	—	—	04/24/08	WG	Turbidity	9.3	NTU	CAWR-08-12111
Spring 4AA	—	—	03/24/10	WG	Dissolved Oxygen	7.34	mg/L	CAWR-10-14107
Spring 4AA	—	—	09/28/09	WG	Dissolved Oxygen	5.94	mg/L	CAWR-09-12526
Spring 4AA	—	—	09/28/09	WG	Dissolved Oxygen	5.94	mg/L	CAWR-09-12529
Spring 4AA	—	—	04/21/09	WG	Dissolved Oxygen	7.23	mg/L	CAWR-09-7946
Spring 4AA	—	—	09/29/08	WG	Dissolved Oxygen	7.1	mg/L	CAWR-08-15516
Spring 4AA	—	—	04/24/08	WG	Dissolved Oxygen	7.37	mg/L	CAWR-08-12109

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4AA	—	—	03/24/10	WG	pH	7.2	SU	CAWR-10-14107
Spring 4AA	—	—	09/28/09	WG	pH	7.32	SU	CAWR-09-12529
Spring 4AA	—	—	09/28/09	WG	pH	7.32	SU	CAWR-09-12526
Spring 4AA	—	—	04/21/09	WG	pH	7.58	SU	CAWR-09-7946
Spring 4AA	—	—	09/29/08	WG	pH	7.21	SU	CAWR-08-15516
Spring 4AA	—	—	04/24/08	WG	pH	7.53	SU	CAWR-08-12109
Spring 4AA	—	—	03/24/10	WG	Specific Conductance	202	µS/cm	CAWR-10-14107
Spring 4AA	—	—	09/28/09	WG	Specific Conductance	207	µS/cm	CAWR-09-12529
Spring 4AA	—	—	09/28/09	WG	Specific Conductance	207	µS/cm	CAWR-09-12526
Spring 4AA	—	—	04/21/09	WG	Specific Conductance	178	µS/cm	CAWR-09-7946
Spring 4AA	—	—	09/29/08	WG	Specific Conductance	208	µS/cm	CAWR-08-15516
Spring 4AA	—	—	04/24/08	WG	Specific Conductance	198.1	µS/cm	CAWR-08-12109
Spring 4AA	—	—	03/24/10	WG	Temperature	18.44	deg C	CAWR-10-14107
Spring 4AA	—	—	09/28/09	WG	Temperature	18.78	deg C	CAWR-09-12529
Spring 4AA	—	—	09/28/09	WG	Temperature	18.78	deg C	CAWR-09-12526
Spring 4AA	—	—	04/21/09	WG	Temperature	18.57	deg C	CAWR-09-7946
Spring 4AA	—	—	09/29/08	WG	Temperature	19.2	deg C	CAWR-08-15516
Spring 4AA	—	—	04/24/08	WG	Temperature	19.5	deg C	CAWR-08-12109
Spring 4AA	—	—	03/24/10	WG	Turbidity	3.16	NTU	CAWR-10-14107
Spring 4AA	—	—	09/28/09	WG	Turbidity	1.35	NTU	CAWR-09-12526
Spring 4AA	—	—	09/28/09	WG	Turbidity	1.35	NTU	CAWR-09-12529
Spring 4AA	—	—	04/21/09	WG	Turbidity	31.1	NTU	CAWR-09-7946
Spring 4AA	—	—	09/29/08	WG	Turbidity	3.13	NTU	CAWR-08-15516
Spring 4AA	—	—	04/24/08	WG	Turbidity	7.59	NTU	CAWR-08-12109
Spring 4B	—	—	03/24/10	WG	Dissolved Oxygen	7.72	mg/L	CAWR-10-14100
Spring 4B	—	—	09/28/09	WG	Dissolved Oxygen	6.15	mg/L	CAWR-09-12530
Spring 4B	—	—	04/21/09	WG	Dissolved Oxygen	11.13	mg/L	CAWR-09-7939

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4B	—	—	09/29/08	WG	Dissolved Oxygen	9.3	mg/L	CAWR-08-15504
Spring 4B	—	—	04/24/08	WG	Dissolved Oxygen	8.7	mg/L	CAWR-08-12102
Spring 4B	—	—	03/24/10	WG	pH	6.84	SU	CAWR-10-14100
Spring 4B	—	—	09/28/09	WG	pH	7.54	SU	CAWR-09-12530
Spring 4B	—	—	04/21/09	WG	pH	7.38	SU	CAWR-09-7939
Spring 4B	—	—	09/29/08	WG	pH	6.92	SU	CAWR-08-15504
Spring 4B	—	—	04/24/08	WG	pH	7	SU	CAWR-08-12102
Spring 4B	—	—	03/24/10	WG	Specific Conductance	227	µS/cm	CAWR-10-14100
Spring 4B	—	—	09/28/09	WG	Specific Conductance	223	µS/cm	CAWR-09-12530
Spring 4B	—	—	04/21/09	WG	Specific Conductance	202	µS/cm	CAWR-09-7939
Spring 4B	—	—	09/29/08	WG	Specific Conductance	206	µS/cm	CAWR-08-15504
Spring 4B	—	—	04/24/08	WG	Specific Conductance	187.3	µS/cm	CAWR-08-12102
Spring 4B	—	—	03/24/10	WG	Temperature	15.24	deg C	CAWR-10-14100
Spring 4B	—	—	09/28/09	WG	Temperature	17.4	deg C	CAWR-09-12530
Spring 4B	—	—	04/21/09	WG	Temperature	18.03	deg C	CAWR-09-7939
Spring 4B	—	—	09/29/08	WG	Temperature	18.4	deg C	CAWR-08-15504
Spring 4B	—	—	04/24/08	WG	Temperature	17.8	deg C	CAWR-08-12102
Spring 4B	—	—	03/24/10	WG	Turbidity	6.56	NTU	CAWR-10-14100
Spring 4B	—	—	09/28/09	WG	Turbidity	30.6	NTU	CAWR-09-12530
Spring 4B	—	—	04/21/09	WG	Turbidity	8.23	NTU	CAWR-09-7939
Spring 4B	—	—	04/24/08	WG	Turbidity	4.48	NTU	CAWR-08-12102
Spring 4B	—	—	09/25/07	WG	Turbidity	12.2	NTU	FU070900GB4S01
Spring 4C	—	—	03/24/10	WG	Dissolved Oxygen	8.62	mg/L	CAWR-10-14098
Spring 4C	—	—	09/28/09	WG	Dissolved Oxygen	7.45	mg/L	CAWR-09-12535
Spring 4C	—	—	09/28/09	WG	Dissolved Oxygen	7.45	mg/L	CAWR-09-12537
Spring 4C	—	—	04/21/09	WG	Dissolved Oxygen	12.16	mg/L	CAWR-09-7940
Spring 4C	—	—	09/29/08	WG	Dissolved Oxygen	10	mg/L	CAWR-08-15511

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4C	—	—	09/29/08	WG	Dissolved Oxygen	10	mg/L	CAWR-08-15508
Spring 4C	—	—	04/24/08	WG	Dissolved Oxygen	10.5	mg/L	CAWR-08-12106
Spring 4C	—	—	03/24/10	WG	pH	7.14	SU	CAWR-10-14098
Spring 4C	—	—	09/28/09	WG	pH	7.52	SU	CAWR-09-12535
Spring 4C	—	—	09/28/09	WG	pH	7.52	SU	CAWR-09-12537
Spring 4C	—	—	04/21/09	WG	pH	7.38	SU	CAWR-09-7940
Spring 4C	—	—	09/29/08	WG	pH	7.53	SU	CAWR-08-15508
Spring 4C	—	—	09/29/08	WG	pH	7.53	SU	CAWR-08-15511
Spring 4C	—	—	04/24/08	WG	pH	7.4	SU	CAWR-08-12106
Spring 4C	—	—	03/24/10	WG	Specific Conductance	205	µS/cm	CAWR-10-14098
Spring 4C	—	—	09/28/09	WG	Specific Conductance	198	µS/cm	CAWR-09-12537
Spring 4C	—	—	09/28/09	WG	Specific Conductance	198	µS/cm	CAWR-09-12535
Spring 4C	—	—	04/21/09	WG	Specific Conductance	172	µS/cm	CAWR-09-7940
Spring 4C	—	—	09/29/08	WG	Specific Conductance	104	µS/cm	CAWR-08-15508
Spring 4C	—	—	09/29/08	WG	Specific Conductance	104	µS/cm	CAWR-08-15511
Spring 4C	—	—	04/24/08	WG	Specific Conductance	172.1	µS/cm	CAWR-08-12106
Spring 4C	—	—	03/24/10	WG	Temperature	16.79	deg C	CAWR-10-14098
Spring 4C	—	—	09/28/09	WG	Temperature	17.14	deg C	CAWR-09-12537
Spring 4C	—	—	09/28/09	WG	Temperature	17.14	deg C	CAWR-09-12535
Spring 4C	—	—	04/21/09	WG	Temperature	16.86	deg C	CAWR-09-7940
Spring 4C	—	—	09/29/08	WG	Temperature	20.1	deg C	CAWR-08-15511
Spring 4C	—	—	09/29/08	WG	Temperature	20.1	deg C	CAWR-08-15508
Spring 4C	—	—	04/24/08	WG	Temperature	17.3	deg C	CAWR-08-12106
Spring 4C	—	—	03/24/10	WG	Turbidity	0.21	NTU	CAWR-10-14098
Spring 4C	—	—	09/28/09	WG	Turbidity	1.02	NTU	CAWR-09-12537
Spring 4C	—	—	09/28/09	WG	Turbidity	1.02	NTU	CAWR-09-12535

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4C	—	—	04/21/09	WG	Turbidity	0.81	NTU	CAWR-09-7940
Spring 4C	—	—	09/29/08	WG	Turbidity	0.51	NTU	CAWR-08-15511
Spring 4C	—	—	04/24/08	WG	Turbidity	0.84	NTU	CAWR-08-12106

[a] — = Not applicable.

[b] WS = Surface water.

[c] WP = Persistent water.

[d] SU = Standard unit.

[e] µS/cm = Microsiemens per centimeter.

[f] NTU = Nephelometric turbidity unit.

[g] WG = Groundwater.

Appendix B

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

Appendix C

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

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

<	Based on qualifiers, the result was a nondetection.
—	none
*	(Inorganic) The result for this analyte in the Los Alamos National Laboratory (Laboratory) replicate analysis was outside acceptance criteria.
B	(Organic) This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic) The result for this analyte was greater than the instrument detection limit but less than the contract-required detection limit.
CS	client sample
CST	Chemical Sciences and Technology
DUP	duplicate sample
E	(Organic) The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma–atomic emission spectroscopy). The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption) The result for this analyte failed one or more Contract Laboratory Program acceptance criteria as explained in the case narrative.
EES6	The Laboratory's Earth and Environmental Sciences Division (Hydrology, Geochemistry, and Geology Group)
EPA	U.S. Environmental Protection Agency
F	filtered
FD	field duplicate
FTB	field trip blank
GELC	General Engineering Laboratories
GEO	Geochron Analytical Laboratory
H	(Organic/Inorganic) The required extraction or analysis holding time for this result was exceeded.
HUFFMAN	Huffman Analytical Laboratory
Inorg	inorganic
J	(Organic/General Inorganics) The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit.
J-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.

J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
LLEE	low-level electrolytic extraction
LT	(Rad) The result for this analyte is affected by spectral interference.
JN-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
JN+	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected positive bias.
MDA	minimum detectable activity
MDL	method detection limit
Met	metals
mV	millivolt
n/a	not applicable
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PARA	Paragon Analytical Laboratory
R	rejected
Rad	radionuclides
STSL	Severn Trent St. Louis Analytical Laboratory
SV	semivolatile organics
TPU	total propagated uncertainty
U	not detected
UF	unfiltered
UMTL	University of Miami Tritium Laboratory
VOA	volatile organic analysis
WG	groundwater
WM	snowmelt
WP	persistent water
WS	surface water

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	3.84	1.40E+00	3.70E+00	—	pCi/L	—	U	10-56	CAWR-09-12577	GELC
Ancho at Rio Grande	—	—	9/25/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.446	2.95E-01	1.13E+00	—	pCi/L	U	U	194654	GU070900PGRA01	GELC
Ancho at Rio Grande	—	—	9/19/2006	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0899	5.69E-01	2.52E+00	—	pCi/L	U	U	172455	GU060900PGRA01	GELC
Ancho at Rio Grande	—	—	9/27/2005	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0409	2.42E-01	1.23E+00	—	pCi/L	U	U, J-	146888	GU05090PGRA01	GELC
Ancho at Rio Grande	—	—	9/14/2004	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0039	5.53E-01	2.49E+00	—	pCi/L	U	U	121726	GU04090WGRA01	GELC
Ancho Spring	—	—	9/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.4	6.60E-01	1.50E+00	—	pCi/L	U	U	10-47	CAWR-09-12539	GELC
Ancho Spring	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.638	6.99E-01	2.68E+00	—	pCi/L	U	U	194658	GU070900GSAW01	GELC
Ancho Spring	—	—	9/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.585	6.68E-01	2.50E+00	—	pCi/L	U	U	172456	GU060900GSAW01	GELC
Ancho Spring	—	—	9/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12539	UMTL
Ancho Spring	—	—	9/30/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.070246	7.76E-01	2.62E+00	—	pCi/L	U	U	09-31	CAWR-08-15525	ARSL
Ancho Spring	—	—	4/28/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	08-1080	CAWR-08-12119	UMTL
Ancho Spring	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900GSAW01	UMTL
Ancho Spring	—	—	5/2/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	—	U	2336	UU070400GSAW01	UMTL
La Mesita Spring	—	—	9/22/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	10.2	2.10E+00	2.30E+00	—	pCi/L	—	—	09-3315	CAWR-09-12480	GELC
La Mesita Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	8.23	1.14E+00	1.58E+00	—	pCi/L	—	—	194180	GU070900GSML01	GELC
La Mesita Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	7.25	1.62E+00	2.74E+00	—	pCi/L	—	J, J+	171922	GU060800GSML01	GELC
La Mesita Spring	—	—	7/12/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	9.77	1.22E+00	1.14E+00	—	pCi/L	—	J-	140638	GU05070GSML01	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	121	—	—	7.30E-01	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.21	—	—	1.60E-02	mg/L	—	J-	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.131	—	—	6.60E-02	mg/L	J	J	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.4	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.7	—	—	3.30E-01	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.437	—	—	3.30E-02	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	93.1	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	95.8	—	—	3.50E-01	mg/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.61	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.88	—	—	8.50E-02	mg/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	7.13	—	—	2.50E-01	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.185	—	—	5.00E-02	ug/L	J	J	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.8	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.1	—	—	5.00E-02	mg/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	59.3	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	58.1	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	523	—	—	1.00E+00	uS/cm	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	27.4	—	—	1.00E-01	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	419	—	—	2.40E+00	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.65	—	—	3.30E-02	mg/L	—	J-	10-54	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	14.6	—	—	3.30E-01	mg/L	—	—	10-54	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.77	—	—	7.50E-02	mg/L	—	J-	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.3	—	—	1.50E+00	ug/L	J	J	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	49.2	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.2	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	313	—	—	1.50E+01	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	317	—	—	1.50E+01	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.118	—	—	1.10E-01	ug/L	J	J	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.142	—	—	1.10E-01	ug/L	J	J	10-55	CAWR-09-12592	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.25	—	—	2.50E+00	ug/L	J	J	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.3	—	—	1.00E+00	ug/L	J	J	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	13.2	—	—	3.00E+00	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	14.7	—	—	3.00E+00	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	66.6	—	—	3.00E+01	ug/L	J	J	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	92.7	—	—	3.00E+01	ug/L	J	J	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	29.8	—	—	2.00E+00	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.3	—	—	2.00E+00	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.56	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.55	—	—	1.00E-01	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	3.33	—	—	5.00E-01	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.99	—	—	5.00E-01	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.1	—	—	5.30E-02	mg/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.393	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.419	—	—	5.00E-02	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.75	—	—	1.00E+00	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	33.9	—	—	3.30E+00	ug/L	—	—	10-55	CAWR-09-12593	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	35.8	—	—	3.30E+00	ug/L	—	—	10-55	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00081	3.90E-03	3.70E-02	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.56	1.60E+00	4.50E+00	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.749	1.40E+00	4.40E+00	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.41	1.10E+00	2.50E+00	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	15.9	2.20E+00	4.10E+00	—	pCi/L	—	—	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	28.9	2.60E+01	4.50E+01	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.3	9.70E+00	3.10E+01	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00165	2.30E-03	2.80E-02	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00165	2.90E-03	2.70E-02	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.82	2.00E+01	6.90E+01	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.000514	1.20E+00	3.90E+00	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.176	1.10E-01	3.50E-01	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0204	7.50E-03	4.80E-02	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0541	1.10E-02	6.00E-02	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0133	5.40E-03	2.80E-02	—	pCi/L	U	U	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	LLEE	Tritium	—	4.56599	2.87E-01	2.87E-01	—	pCi/L	—	—	10-68	CAWR-09-12592	UMTL
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Rad	LLEE	Tritium	—	4.56599	2.87E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900PMRG01	UMTL
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.26	2.70E-02	4.80E-02	—	pCi/L	—	J-	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0202	7.30E-03	2.50E-02	—	pCi/L	U	UJ	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.151	1.90E-02	3.00E-02	—	pCi/L	—	J-	10-56	CAWR-09-12592	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Anthracene	—	0.236	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Anthracene	<	1.06	—	—	2.13E-01	ug/L	U	—	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)anthracene	—	0.403	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)anthracene	<	1.06	—	—	2.13E-01	ug/L	U	—	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)pyrene	—	0.237	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)pyrene	<	1.06	—	—	2.13E-01	ug/L	U	—	194565	GU070900PMRG02	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Benzo(g,h,i)perylene	—	0.288	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Benzo(g,h,i)perylene	<	1.06	—	—	2.13E-01	ug/L	U	UJ	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Benzo(k)fluoranthene	—	0.241	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Benzo(k)fluoranthene	<	1.06	—	—	2.13E-01	ug/L	U	—	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	3.34	—	—	2.20E+00	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	9.64	—	—	2.13E+00	ug/L	J	J+	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Chrysene	—	0.239	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Chrysene	<	1.06	—	—	2.13E-01	ug/L	U	—	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Fluoranthene	—	0.276	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Fluoranthene	<	1.06	—	—	2.13E-01	ug/L	U	—	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Fluorene	—	0.226	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Fluorene	<	1.06	—	—	2.13E-01	ug/L	U	—	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	—	0.26	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.06	—	—	2.13E-01	ug/L	U	UJ	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Phenanthrene	—	0.26	—	—	2.20E-01	ug/L	J	J	10-17	CAWR-09-12595	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Svoa	SW-846:8270C	Phenanthrene	<	1.06	—	—	2.13E-01	ug/L	U	R	194565	GU070900PMRG02	GELC
Mortandad at Rio Grande	—	—	9/28/2009	WS	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.56	—	—	3.00E-01	ug/L	J	J	10-17	CAWR-09-12594	GELC
Mortandad at Rio Grande	—	—	9/24/2007	WP	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194565	GU070900PMRG02	GELC
Pajarito at Rio Grande	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.37	5.20E-01	2.10E+00	—	pCi/L	U	U	10-56	CAWR-09-12590	GELC
Pajarito at Rio Grande	—	—	9/26/2005	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.27	3.77E-01	1.51E+00	—	pCi/L	U	U	146888	GU05090PGRP01	GELC
Pajarito at Rio Grande	—	—	9/13/2004	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.11	5.06E-01	1.81E+00	—	pCi/L	U	U	121726	GU04090WGRP01	GELC
Pajarito at Rio Grande	—	—	10/7/2003	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.804	3.68E-01	1.25E+00	—	pCi/L	U	U	89799	GU03080WGRP01	GELC
Pajarito at Rio Grande	—	—	10/17/2002	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.506	2.77E-01	9.87E-01	—	pCi/L	U	U	69065	GU02100WGRP01	GELC
Rio Grande at Frijoles	—	—	9/30/2009	WS	UF	CS	FD	Rad	EPA:900	Gross alpha	—	6.95	1.70E+00	2.60E+00	—	pCi/L	—	—	10-56	CAWR-09-12587	GELC
Rio Grande at Frijoles	—	—	9/30/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	6.91	1.70E+00	2.70E+00	—	pCi/L	—	—	10-56	CAWR-09-12584	GELC
Rio Grande at Frijoles	—	—	9/26/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	10.3	2.46E+00	4.02E+00	—	pCi/L	—	J	194654	GU070900PRGF01	GELC
Rio Grande at Frijoles	—	—	9/28/2005	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.33	6.98E-01	1.61E+00	—	pCi/L	—	J, J-	146888	GU05090PRGF01	GELC
Sacred Spring	—	—	9/22/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	2.29	9.00E-01	2.00E+00	—	pCi/L	—	U	09-3315	CAWR-09-12476	GELC
Sacred Spring	—	—	9/22/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.78	8.10E-01	2.00E+00	—	pCi/L	U	U	09-3315	CAWR-09-12471	GELC
Sacred Spring	—	—	9/19/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0664	4.45E-01	1.56E+00	—	pCi/L	U	U	194213	GU070900GSDS01	GELC
Sacred Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.5	8.06E-01	2.38E+00	—	pCi/L	U	U	171922	GU060800GSDS01	GELC
Sacred Spring	—	—	7/13/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.43	5.63E-01	1.61E+00	—	pCi/L	—	J	140788	GU05070GSDS01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	95.6	—	—	7.30E-01	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	91.4	—	—	7.30E-01	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90	—	—	7.30E-01	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89.9	—	—	7.25E-01	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89.9	—	—	7.25E-01	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93	—	—	7.25E-01	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.2	—	—	5.00E-02	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	3.00E-02	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	3.00E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	25.5	—	—	3.00E-02	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.6	—	—	3.00E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.2	—	—	3.60E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	5.00E-02	mg/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.9	—	—	3.00E-02	mg/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.5	—	—	3.00E-02	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	25.8	—	—	3.00E-02	mg/L	—	—	194180	GU070900GSSW20	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.8	—	—	3.00E-02	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	3.60E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.94	—	—	6.60E-02	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.44	—	—	6.60E-02	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.2	—	—	6.60E-02	mg/L	—	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.23	—	—	6.60E-02	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.23	—	—	6.60E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.18	—	—	6.60E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.644	—	—	3.30E-02	mg/L	—	J-	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.505	—	—	3.30E-02	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.554	—	—	3.30E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.518	—	—	3.30E-02	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.527	—	—	3.30E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.507	—	—	3.30E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.2	—	—	3.50E-01	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.1	—	—	3.50E-01	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.2	—	—	3.50E-01	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	70.8	—	—	4.25E-01	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74	—	—	4.25E-01	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.9	—	—	8.50E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.1	—	—	3.50E-01	mg/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.2	—	—	3.50E-01	mg/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.7	—	—	3.50E-01	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	71.9	—	—	4.25E-01	mg/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.7	—	—	4.25E-01	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Geninorg	SM:A2340B	Hardness	—	0.11	—	—	8.50E-02	mg/L	J	—	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.3	—	—	8.50E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.86	—	—	8.50E-02	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.79	—	—	8.50E-02	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.79	—	—	8.50E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.74	—	—	8.50E-02	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.84	—	—	8.50E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.82	—	—	8.50E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.81	—	—	8.50E-02	mg/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.94	—	—	8.50E-02	mg/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.86	—	—	8.50E-02	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.79	—	—	8.50E-02	mg/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.77	—	—	8.50E-02	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.78	—	—	8.50E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.351	—	—	5.00E-02	ug/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.442	—	—	5.00E-02	ug/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.38	—	—	5.00E-02	ug/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.333	—	—	5.00E-02	ug/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.365	—	—	5.00E-02	ug/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.331	—	—	5.00E-02	ug/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	1.00E-02	SU	H	J-	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	09-1598	CAWR-09-7932	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	1.00E-02	SU	H	J-	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.09	—	—	1.00E-02	SU	H	J	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	5.00E-02	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	5.00E-02	mg/L	E	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	E	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	5.00E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.64	—	—	5.00E-02	mg/L	E	J	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.51	—	—	5.00E-02	mg/L	E	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.35	—	—	5.00E-02	mg/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.43	—	—	5.00E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	4.50E-02	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	4.50E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	4.50E-02	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	4.50E-02	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	1.00E-01	mg/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	4.50E-02	mg/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	4.50E-02	mg/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	4.50E-02	mg/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1.00E+00	uS/cm	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	uS/cm	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	uS/cm	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	uS/cm	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	uS/cm	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.44	—	—	1.00E-01	mg/L	—	J-	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.06	—	—	1.00E-01	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.19	—	—	1.00E-01	mg/L	—	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	7.02	—	—	1.00E-01	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.04	—	—	1.00E-01	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.74	—	—	1.00E-01	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.40E+00	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.38E+00	mg/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.38E+00	mg/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.38E+00	mg/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.38E+00	mg/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.28	—	—	—	permil	—	—	09-3327	CAWR-09-12481	EES6

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.32	2.20E-01	—	—	permil	—	—	17753	EU060900GSSW01-FB	EES6
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.65	5.30E-01	—	—	permil	—	—	17752	EU060900GSSW01	EES6
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.39	—	—	—	permil	—	—	09-3327	CAWR-09-12483	EES6
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.48	—	—	—	permil	—	—	09-3327	CAWR-09-12481	EES6
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.49	1.20E-01	—	—	permil	—	—	19451	EU070900GSSW20	EES6
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.9	1.20E-01	—	—	permil	—	—	19450	EU070900GSSW01	EES6
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	1.20E-01	—	—	permil	—	—	13112	EU060900GSSW01-FB	EES6
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.9	1.20E-01	—	—	permil	—	—	13111	EU060900GSSW01	EES6
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	77.4	—	—	1.00E+00	ug/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	76.5	—	—	1.00E+00	ug/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	69.7	—	—	1.00E+00	ug/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	77.6	—	—	1.00E+00	ug/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	81.5	—	—	1.00E+00	ug/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	75.5	—	—	1.00E+00	ug/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	77.8	—	—	1.00E+00	ug/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85.7	—	—	1.00E+00	ug/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	72.2	—	—	1.00E+00	ug/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	79	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	78.2	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	74	—	—	1.00E+00	ug/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	1.50E+01	ug/L	J	J	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	1.00E+01	ug/L	J	J	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24	—	—	1.00E+01	ug/L	J	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	13.9	—	—	1.00E+01	ug/L	J	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17	—	—	1.00E+01	ug/L	J	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.5	—	—	1.00E+01	ug/L	J	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.4	—	—	1.50E+01	ug/L	J	J	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.4	—	—	1.00E+01	ug/L	J	J	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.3	—	—	1.00E+01	ug/L	J	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	14.9	—	—	1.00E+01	ug/L	J	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	13.6	—	—	1.00E+01	ug/L	J	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	1.00E+01	ug/L	J	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.58	—	—	2.50E+00	ug/L	J	J	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.25	—	—	1.50E+00	ug/L	—	U	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.50E+00	ug/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.4	—	—	1.00E+00	ug/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.00E+00	ug/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1	—	—	1.00E+00	ug/L	J	JN-	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.8	—	—	2.50E+00	ug/L	J	J	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7.68	—	—	1.50E+00	ug/L	—	U	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	1.50E+00	ug/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	16.7	—	—	2.00E+00	ug/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.6	—	—	2.00E+00	ug/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	14.7	—	—	2.00E+00	ug/L	—	—	194180	GF070900GSSW20	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.6	—	—	2.00E+00	ug/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.3	—	—	2.00E+00	ug/L	—	J+	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17	—	—	2.00E+00	ug/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.6	—	—	2.00E+00	ug/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.5	—	—	2.00E+00	ug/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	16	—	—	2.00E+00	ug/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.4	—	—	2.00E+00	ug/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.5	—	—	2.00E+00	ug/L	—	J+	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	1.00E-01	ug/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.977	—	—	1.00E-01	ug/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.95	—	—	1.00E-01	ug/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	1.00E-01	ug/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.00E-01	ug/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.93	—	—	1.00E-01	ug/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.844	—	—	5.00E-01	ug/L	J	J	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.5	—	—	5.00E-01	ug/L	J	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	ug/L	J	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.63	—	—	5.00E-01	ug/L	J	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.781	—	—	5.00E-01	ug/L	J	J	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.11	—	—	5.00E-01	ug/L	J	J	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	ug/L	J	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	ug/L	J	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.54	—	—	5.00E-01	ug/L	J	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.7	—	—	5.30E-02	mg/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.1	—	—	3.20E-02	mg/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.9	—	—	3.20E-02	mg/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	317	—	—	1.00E+00	ug/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	317	—	—	1.00E+00	ug/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	298	—	—	1.00E+00	ug/L	—	—	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	318	—	—	1.00E+00	ug/L	—	—	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	332	—	—	1.00E+00	ug/L	—	—	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	319	—	—	1.00E+00	ug/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	322	—	—	1.00E+00	ug/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	329	—	—	1.00E+00	ug/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	309	—	—	1.00E+00	ug/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	320	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	321	—	—	1.00E+00	ug/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	311	—	—	1.00E+00	ug/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.24	—	—	5.00E-02	ug/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.62	—	—	5.00E-02	ug/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	08-2023	CAWR-08-15467	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	J+	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	J+	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.19	—	—	5.00E-02	ug/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.95	—	—	5.00E-02	ug/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	J+	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	J+	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.2	—	—	1.00E+00	ug/L	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	4/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.2	—	—	1.00E+00	ug/L	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	9/25/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.3	—	—	1.00E+00	ug/L	—	J	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1.00E+00	ug/L	—	J+, J	194180	GF070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.5	—	—	1.00E+00	ug/L	—	J, J+	194180	GF070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1.00E+00	ug/L	—	—	171922	GF060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	ug/L	—	—	09-3330	CAWR-09-12481	GELC
Sandia Spring	—	—	4/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.3	—	—	1.00E+00	ug/L	—	—	09-1598	CAWR-09-7931	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.9	—	—	1.00E+00	ug/L	—	J	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.2	—	—	1.00E+00	ug/L	—	J+	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.5	—	—	1.00E+00	ug/L	—	J+	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	ug/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000664	2.70E-03	3.20E-02	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00107	1.10E-02	2.60E-02	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00492	6.24E-03	4.63E-02	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0169	8.70E-03	4.53E-02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	HASL-300	Americium-241	<	-0.00743	9.84E-03	2.10E-02	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00105	7.21E-03	3.00E-02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.75	1.50E+00	4.70E+00	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.64	1.30E+00	4.60E+00	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-0.188	1.11E+00	2.65E+00	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.2	7.59E-01	1.88E+00	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:901.1	Cesium-137	<	2.07	1.40E+00	3.95E+00	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.242	1.13E+00	4.03E+00	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.784	1.50E+00	5.10E+00	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.826	1.50E+00	5.20E+00	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.718	6.17E-01	1.90E+00	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.461	6.66E-01	1.85E+00	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:901.1	Cobalt-60	<	0.419	1.18E+00	4.71E+00	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.67	1.19E+00	3.93E+00	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.6	1.20E+00	2.60E+00	—	pCi/L	—	—	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.03	3.76E-01	1.09E+00	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.01	3.94E-01	1.16E+00	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:900	Gross alpha	<	0.303	4.07E-01	1.52E+00	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.47	7.40E-01	1.54E+00	—	pCi/L	—	J	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.6	1.20E+00	2.60E+00	—	pCi/L	—	—	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.15	1.20E+00	2.70E+00	—	pCi/L	—	—	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	2.34	8.28E-01	2.56E+00	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.24	7.72E-01	2.16E+00	—	pCi/L	—	J	194180	GU070900GSSW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:900	Gross beta	<	-0.228	2.53E-01	8.89E-01	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.15	2.92E-01	9.07E-01	—	pCi/L	—	J	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/8/2005	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.92	7.45E-01	2.84E+00	—	pCi/L	U	U	145191	GU05090GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	38.6	3.70E+01	5.40E+01	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.2	1.90E+01	2.10E+01	—	pCi/L	—	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	49	6.84E+01	1.42E+02	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	61.6	5.05E+01	1.51E+02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:901.1	Gross gamma	<	75.8	1.09E+02	2.88E+02	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68	7.65E+01	1.87E+02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.42	1.20E+01	3.70E+01	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.26	1.10E+01	3.20E+01	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-1.12	6.70E+00	1.71E+01	—	pCi/L	U	J, U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.02	4.67E+00	1.33E+01	—	pCi/L	U	U, J	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:901.1	Neptunium-237	<	7.08	1.05E+01	3.24E+01	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.23	8.78E+00	3.23E+01	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00638	3.60E-03	2.70E-02	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00191	3.30E-03	2.90E-02	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00433	8.66E-03	3.46E-02	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00221	8.54E-03	3.53E-02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	HASL-300	Plutonium-238	<	0	8.42E-03	2.16E-02	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00993	1.28E-02	3.18E-02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	3.20E-03	2.60E-02	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00191	4.30E-03	3.30E-02	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00432	4.33E-03	4.09E-02	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00661	7.32E-03	4.17E-02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	HASL-300	Plutonium-239/240	<	-0.036	1.94E-02	2.52E-02	—	pCi/L	U	R	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0265	1.24E-02	3.71E-02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18	1.70E+01	5.70E+01	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.6	1.70E+01	6.00E+01	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-11.6	1.18E+01	3.22E+01	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.77	8.73E+00	2.62E+01	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:901.1	Potassium-40	<	69.8	2.74E+01	4.91E+01	—	pCi/L	UI	R	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.3	1.82E+01	2.20E+01	—	pCi/L	UI	R	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.981	1.30E+00	4.20E+00	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.38	1.60E+00	5.60E+00	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-0.0154	6.41E-01	2.13E+00	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.748	5.92E-01	1.78E+00	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:901.1	Sodium-22	<	1.42	1.46E+00	5.85E+00	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.447	1.17E+00	4.58E+00	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.141	1.10E-01	4.10E-01	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0802	1.10E-01	3.70E-01	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.163	1.27E-01	4.31E-01	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.201	1.31E-01	4.32E-01	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	EPA:905.0	Strontium-90	<	-0.0928	7.49E-02	3.13E-01	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0456	8.01E-02	2.91E-01	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00167	9.60E-03	5.90E-02	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0107	5.70E-03	7.50E-02	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.000482	2.20E-03	3.50E-02	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.707	6.80E-02	1.00E-01	—	pCi/L	—	—	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.784	6.50E-02	9.00E-02	—	pCi/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.606	6.26E-02	8.05E-02	—	pCi/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.631	6.46E-02	7.73E-02	—	pCi/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	HASL-300	Uranium-234	<	0.012	8.49E-03	4.17E-02	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.623	5.33E-02	4.72E-02	—	pCi/L	—	—	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00355	9.40E-03	5.20E-02	—	pCi/L	U	U	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0189	1.10E-02	4.70E-02	—	pCi/L	U	U	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0473	1.74E-02	6.31E-02	—	pCi/L	U	U	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0479	1.54E-02	6.05E-02	—	pCi/L	U	U	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	HASL-300	Uranium-235/236	<	0.0074	5.53E-03	3.51E-02	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.028	1.06E-02	3.99E-02	—	pCi/L	U	U	171922	GU060900GSSW01	GELC
Sandia Spring	—	—	9/23/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.322	3.90E-02	6.20E-02	—	pCi/L	—	—	09-3331	CAWR-09-12481	GELC
Sandia Spring	—	—	9/25/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.378	3.90E-02	5.00E-02	—	pCi/L	—	—	08-2023	CAWR-08-15466	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.365	4.49E-02	7.07E-02	—	pCi/L	—	—	194180	GU070900GSSW20	GELC
Sandia Spring	—	—	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.414	4.87E-02	6.78E-02	—	pCi/L	—	—	194180	GU070900GSSW01	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	FB	Rad	HASL-300	Uranium-238	<	0.002	9.15E-03	4.43E-02	—	pCi/L	U	U	171922	GU060900GSSW01-FB	GELC
Sandia Spring	—	—	9/14/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.36	3.60E-02	5.02E-02	—	pCi/L	—	—	171922	GU060900GSSW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	95	—	—	7.30E-01	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.7	—	—	7.30E-01	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	100	—	—	7.25E-01	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	96.1	—	—	7.25E-01	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.2	—	—	1.45E+00	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.5	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	3.00E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	3.00E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.5	—	—	3.60E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	3.60E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	3.00E-02	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	3.60E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	3.60E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.9	—	—	6.60E-02	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.99	—	—	6.60E-02	mg/L	—	J	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.05	—	—	6.60E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.91	—	—	6.60E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.23	—	—	5.30E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.615	—	—	3.30E-02	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.548	—	—	3.30E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.501	—	—	3.30E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.521	—	—	3.30E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.552	—	—	3.00E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.9	—	—	3.50E-01	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	3.50E-01	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.1	—	—	4.25E-01	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40	—	—	8.50E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	8.50E-02	mg/L	—	—	146657	GF05090G1SW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.3	—	—	3.50E-01	mg/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.2	—	—	3.50E-01	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69.4	—	—	4.25E-01	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	8.50E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.9	—	—	8.50E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1	—	—	8.50E-02	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.947	—	—	8.50E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.28	—	—	8.50E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.912	—	—	8.50E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.06	—	—	8.50E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.28	—	—	8.50E-02	mg/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.01	—	—	8.50E-02	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.07	—	—	8.50E-02	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.04	—	—	8.50E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.55	—	—	8.50E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.413	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.402	—	—	5.00E-02	mg/L	—	U	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.35	—	—	1.00E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.292	—	—	1.40E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.195	—	—	1.70E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.324	—	—	5.00E-02	ug/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.311	—	—	5.00E-02	ug/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.299	—	—	5.00E-02	ug/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.309	—	—	5.00E-02	ug/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.275	—	—	5.00E-02	ug/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.24	—	—	1.00E-02	SU	H	J	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.44	—	—	1.00E-02	SU	H	J	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.16	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	5.00E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	5.00E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	5.00E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	5.00E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.47	—	—	5.00E-02	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	5.00E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	31.3	—	—	1.00E-01	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.9	—	—	4.50E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.4	—	—	4.50E-02	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.6	—	—	4.50E-02	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.6	—	—	4.50E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	31.9	—	—	1.00E-01	mg/L	—	—	10-13	CAWR-09-12484	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.1	—	—	4.50E-02	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.3	—	—	4.50E-02	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.2	—	—	4.50E-02	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	31.1	—	—	4.50E-02	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1.00E+00	uS/cm	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	218	—	—	1.00E+00	uS/cm	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	216	—	—	1.00E+00	uS/cm	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.45	—	—	1.00E-01	mg/L	—	J	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.68	—	—	1.00E-01	mg/L	—	J	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.37	—	—	1.00E-01	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.22	—	—	1.00E-01	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.8	—	—	5.70E-02	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	8.67	—	—	1.90E+00	mg/L	—	J	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	8.8	—	—	1.10E+00	mg/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	145	—	—	4.38E+00	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	6.5	—	—	2.85E+00	mg/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	38.7	—	—	2.48E+00	mg/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	11/6/2002	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	45.3	—	—	7.79E-01	mg/L	—	—	70273	GU02100G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.40E+00	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.38E+00	mg/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.38E+00	mg/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.38E+00	mg/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.38E+00	mg/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.885	—	—	3.30E-01	mg/L	J	J	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.883	—	—	3.30E-01	mg/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.05	—	—	3.30E-01	mg/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.586	—	—	3.30E-01	mg/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.32	—	—	—	permil	—	—	10-12	CAWR-09-12484	EES6
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.5	—	—	—	permil	—	—	08-2040	CAWR-08-15472	EES6
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.2	6.40E-01	—	—	permil	—	—	17749	EU060900G1SW01	EES6
Spring 1	—	—	9/28/2009	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.37	—	—	—	permil	—	—	10-12	CAWR-09-12485	EES6
Spring 1	—	—	9/29/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.16	—	—	—	permil	—	—	08-2040	CAWR-08-15469	EES6
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.28	—	—	—	permil	—	—	10-12	CAWR-09-12484	EES6
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.54	—	—	—	permil	—	—	08-2040	CAWR-08-15472	EES6
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.17	1.20E-01	—	—	permil	—	—	19454	EU070900G1SW01	EES6
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.62	1.20E-01	—	—	permil	—	—	13109	EU060900G1SW01	EES6
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	982	—	—	6.80E+01	ug/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	98.8	—	—	6.80E+01	ug/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	8810	—	—	6.80E+01	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	307	—	—	6.80E+01	ug/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1640	—	—	6.80E+01	ug/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.17	—	—	1.50E+00	ug/L	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	ug/L	J	J	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.6	—	—	1.50E+00	ug/L	J	U	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172166	GF060900G1SW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.55	—	—	1.50E+00	ug/L	J	J	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.7	—	—	1.50E+00	ug/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.9	—	—	1.50E+00	ug/L	J	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.1	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.1	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.9	—	—	1.00E+00	ug/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.9	—	—	1.00E+00	ug/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29	—	—	1.00E+00	ug/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.4	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.8	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	105	—	—	1.00E+00	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.7	—	—	1.00E+00	ug/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43	—	—	1.00E+00	ug/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.8	—	—	1.50E+01	ug/L	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	39.7	—	—	1.00E+01	ug/L	J	J	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	40.8	—	—	1.00E+01	ug/L	J	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	38.2	—	—	1.00E+01	ug/L	J	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	39.3	—	—	1.00E+01	ug/L	J	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	39.6	—	—	1.50E+01	ug/L	J	J	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.8	—	—	1.00E+01	ug/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	43.2	—	—	1.00E+01	ug/L	J	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.4	—	—	1.00E+01	ug/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	39.8	—	—	1.00E+01	ug/L	J	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.27	—	—	2.50E+00	ug/L	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.9	—	—	1.50E+00	ug/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	7.4	—	—	1.00E+00	ug/L	—	U	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.3	—	—	1.00E+00	ug/L	—	U	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	4.6	—	—	1.00E+00	ug/L	J	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.71	—	—	2.50E+00	ug/L	J	J	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.7	—	—	1.50E+00	ug/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	7.6	—	—	1.00E+00	ug/L	—	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.7	—	—	1.00E+00	ug/L	—	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	7.5	—	—	1.00E+00	ug/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	523	—	—	3.00E+01	ug/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	57.4	—	—	2.50E+01	ug/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	5810	—	—	2.50E+01	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	728	—	—	1.80E+01	ug/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1270	—	—	1.80E+01	ug/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.9	—	—	2.00E+00	ug/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2.00E+00	ug/L	J	J	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	104	—	—	2.00E+00	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.1	—	—	2.00E+00	ug/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.2	—	—	2.00E+00	ug/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	EPA:245.2	Mercury	—	0.086	—	—	6.60E-02	ug/L	J	J	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	08-2041	CAWR-08-15469	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.039	—	—	3.00E-02	ug/L	J	U	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.06	—	—	6.00E-02	ug/L	U	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.05	—	—	5.00E-02	ug/L	U	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.45	—	—	1.00E-01	ug/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.5	—	—	1.00E-01	ug/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.8	—	—	2.00E+00	ug/L	J	U, J+	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	ug/L	J	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	ug/L	J	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.43	—	—	1.00E-01	ug/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.4	—	—	1.00E-01	ug/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.1	—	—	2.00E+00	ug/L	J	J+, U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2.00E+00	ug/L	J	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.721	—	—	5.00E-01	ug/L	J	J	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.5	—	—	5.00E-01	ug/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.5	—	—	5.30E-02	mg/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.1	—	—	3.20E-02	mg/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	197	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	193	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	203	—	—	1.00E+00	ug/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	187	—	—	1.00E+00	ug/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	195	—	—	1.00E+00	ug/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	207	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	188	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	254	—	—	1.00E+00	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	190	—	—	1.00E+00	ug/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	208	—	—	1.00E+00	ug/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.54	—	—	3.00E-01	ug/L	J	J	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.51	—	—	4.00E-01	ug/L	J	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.24	—	—	5.00E-02	ug/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.2	—	—	5.00E-02	ug/L	—	—	08-2041	CAWR-08-15469	GELC
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.6	—	—	5.00E-02	ug/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.3	—	—	5.00E-02	ug/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	ug/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/13/2004	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.2	—	—	2.00E-02	ug/L	—	—	121435	GF04090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.38	—	—	5.00E-02	ug/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.3	—	—	5.00E-02	ug/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.6	—	—	5.00E-02	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.3	—	—	5.00E-02	ug/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	ug/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	16.4	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12485	GELC
Spring 1	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	16.5	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15469	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	17.5	—	—	1.00E+00	ug/L	—	—	194451	GF070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.6	—	—	1.00E+00	ug/L	—	—	172166	GF060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15	—	—	1.00E+00	ug/L	—	—	146657	GF05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.8	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.8	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	33.2	—	—	1.00E+00	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.8	—	—	1.00E+00	ug/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	20.3	—	—	1.00E+00	ug/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.56	—	—	3.30E+00	ug/L	J	J	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.2	—	—	2.00E+00	ug/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.2	—	—	2.00E+00	ug/L	J	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.7	—	—	2.00E+00	ug/L	J	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00315	2.50E-03	3.60E-02	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00752	9.80E-03	2.70E-02	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0212	1.44E-02	4.20E-02	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00164	4.02E-03	2.04E-02	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00325	7.30E-03	3.12E-02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.69	1.70E+00	4.70E+00	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.85	1.30E+00	4.90E+00	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0996	6.09E-01	2.01E+00	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.484	1.04E+00	3.68E+00	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.00835	6.97E-01	2.49E+00	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.825	1.40E+00	4.40E+00	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.27	1.30E+00	3.80E+00	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.02	6.97E-01	2.46E+00	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.93	1.18E+00	5.04E+00	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.146	7.38E-01	2.77E+00	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.63	1.20E+00	2.40E+00	—	pCi/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.84	1.31E+00	3.08E+00	—	pCi/L	—	J	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.5	7.50E-01	1.44E+00	—	pCi/L	—	J	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2	4.41E-01	9.74E-01	—	pCi/L	—	J	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.63	1.20E+00	2.40E+00	—	pCi/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.21	1.10E+00	2.80E+00	—	pCi/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.33	1.44E+00	3.68E+00	—	pCi/L	—	J	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.53	2.85E-01	8.43E-01	—	pCi/L	—	J	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.53	6.83E-01	2.33E+00	—	pCi/L	—	J	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	123	4.30E+01	1.10E+02	—	pCi/L	—	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	27.2	2.10E+01	4.20E+01	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.2	3.99E+01	1.51E+02	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64	6.66E+01	2.52E+02	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	84	—	3.08E+02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.39	1.20E+01	4.00E+01	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.9	9.30E+00	2.70E+01	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.82	5.67E+00	1.45E+01	—	pCi/L	U	U, J	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.17	9.39E+00	2.95E+01	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.39	6.58E+00	2.17E+01	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00187	2.70E-03	3.10E-02	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00282	4.00E-03	4.30E-02	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00679	5.38E-03	2.72E-02	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.72E-10	3.23E-03	2.19E-02	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0209	1.11E-02	5.43E-02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00187	3.20E-03	3.00E-02	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0141	6.40E-03	4.90E-02	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00509	3.80E-03	3.21E-02	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00228	6.84E-03	2.55E-02	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0105	7.41E-03	4.59E-02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.6	1.70E+01	5.70E+01	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.17	1.70E+01	6.10E+01	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.2	1.19E+01	2.69E+01	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	51.2	4.61E+01	3.33E+01	—	pCi/L	UI	R	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	34	2.01E+01	3.13E+01	—	pCi/L	UI	R	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.545	1.40E+00	4.80E+00	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.5	1.50E+00	4.60E+00	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.148	6.36E-01	2.08E+00	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.315	1.04E+00	3.70E+00	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.41	7.23E-01	3.02E+00	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.019	9.30E-02	3.10E-01	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.201	1.20E-01	3.80E-01	—	pCi/L	U	U	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.17	5.91E-02	2.26E-01	—	pCi/L	U	U	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.134	8.84E-02	2.95E-01	—	pCi/L	U	U	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0285	5.26E-02	2.00E-01	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0373	1.20E-02	6.40E-02	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.031	9.90E-03	8.10E-02	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.0411	1.20E-02	3.80E-02	—	pCi/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	10-20	CAWR-09-12484	UMTL
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	09-9	CAWR-08-15472	UMTL
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	—	U	2407	UU070900G1SW01	UMTL
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	—	U	WG-05175-UM	UU060900G1SW01	UMTL
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	44.8	6.02E+01	2.00E+02	—	pCi/L	U	U	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.36	1.20E-01	9.80E-02	—	pCi/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.44	1.10E-01	9.90E-02	—	pCi/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.98	1.29E-01	4.46E-02	—	pCi/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.53	1.07E-01	4.81E-02	—	pCi/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.55	9.35E-02	6.50E-02	—	pCi/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0308	1.10E-02	5.00E-02	—	pCi/L	U	U	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.059	1.50E-02	5.10E-02	—	pCi/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0756	1.51E-02	3.45E-02	—	pCi/L	—	J	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0485	1.34E-02	4.06E-02	—	pCi/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.166	2.27E-02	4.90E-02	—	pCi/L	—	—	146657	GU05090G1SW01	GELC
Spring 1	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.64	6.30E-02	6.00E-02	—	pCi/L	—	—	10-13	CAWR-09-12484	GELC
Spring 1	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.699	6.10E-02	5.50E-02	—	pCi/L	—	—	08-2041	CAWR-08-15472	GELC
Spring 1	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.1	7.84E-02	3.90E-02	—	pCi/L	—	—	194451	GU070900G1SW01	GELC
Spring 1	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.732	5.96E-02	5.12E-02	—	pCi/L	—	—	172166	GU060900G1SW01	GELC
Spring 1	—	—	9/26/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.812	5.69E-02	4.60E-02	—	pCi/L	—	—	146657	GU05090G1SW01	GELC
Spring 10	—	—	4/20/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	7.95	1.60E+00	2.40E+00	—	pCi/L	—	—	09-1531	CAWR-09-7948	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	133	—	—	7.30E-01	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	132	—	—	7.30E-01	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	140	—	—	7.30E-01	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	145	—	—	7.25E-01	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	146	—	—	7.25E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	131	—	—	7.25E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.7	—	—	7.25E-01	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.018	—	—	1.60E-02	mg/L	J	J-	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.041	—	—	3.00E-02	mg/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.3	—	—	3.00E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	3.00E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.00E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	3.00E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	3.60E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	3.60E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.8	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.8	—	—	3.00E-02	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	3.00E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	23.5	—	—	3.00E-02	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.1	—	—	3.00E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	3.60E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.3	—	—	3.60E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.92	—	—	6.60E-02	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.88	—	—	6.60E-02	mg/L	—	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.16	—	—	6.60E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.09	—	—	6.60E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.02	—	—	6.60E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.85	—	—	6.60E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.53	—	—	6.60E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.734	—	—	3.30E-02	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.675	—	—	3.30E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.636	—	—	3.30E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.607	—	—	3.30E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.604	—	—	3.30E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.559	—	—	3.30E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.14	—	—	3.30E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.8	—	—	3.50E-01	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.6	—	—	3.50E-01	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	4.30E-01	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	59.9	—	—	4.25E-01	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	4.25E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	4.40E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.9	—	—	8.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49	—	—	3.50E-01	mg/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.2	—	—	3.50E-01	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.9	—	—	4.30E-01	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	65.2	—	—	4.25E-01	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64	—	—	4.25E-01	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.4	—	—	4.40E-01	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	57.8	—	—	8.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.982	—	—	8.50E-02	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.981	—	—	8.50E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.857	—	—	8.50E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.31	—	—	8.50E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.32	—	—	8.50E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.765	—	—	8.50E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.03	—	—	8.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.1	—	—	8.50E-02	mg/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.05	—	—	8.50E-02	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.15	—	—	8.50E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	1.55	—	—	8.50E-02	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.55	—	—	8.50E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.812	—	—	8.50E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.13	—	—	8.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J-	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.3	—	—	1.00E-02	SU	H	J-	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.17	—	—	1.00E-02	SU	H	J-	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.33	—	—	1.00E-02	SU	H	J	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	1.00E-02	SU	H	J	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.58	—	—	1.00E-02	SU	H	J	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	5.00E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	5.00E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	43.5	—	—	1.00E-01	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	42	—	—	4.50E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44	—	—	4.50E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	45.6	—	—	4.50E-02	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	45	—	—	4.50E-02	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.8	—	—	4.50E-02	mg/L	—	—	185674	GF070400G2SW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.6	—	—	4.50E-02	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	43.1	—	—	1.00E-01	mg/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.5	—	—	4.50E-02	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.5	—	—	4.50E-02	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	44	—	—	4.50E-02	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	45.4	—	—	4.50E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.3	—	—	4.50E-02	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.5	—	—	4.50E-02	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	263	—	—	1.00E+00	uS/cm	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1.00E+00	uS/cm	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	296	—	—	1.00E+00	uS/cm	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	291	—	—	1.00E+00	uS/cm	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	288	—	—	1.00E+00	uS/cm	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	274	—	—	1.00E+00	uS/cm	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	338	—	—	1.00E+00	uS/cm	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.05	—	—	1.00E-01	mg/L	—	J	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.01	—	—	1.00E-01	mg/L	—	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.83	—	—	1.00E-01	mg/L	—	J-	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.35	—	—	1.00E-01	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.33	—	—	1.00E-01	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.66	—	—	1.00E-01	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.77	—	—	1.00E-01	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	28	—	—	1.90E+00	mg/L	—	J	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	4.4	—	—	1.10E+00	mg/L	J	J	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	8.2	—	—	1.10E+00	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	14.8	—	—	1.14E+00	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	3.2	—	—	2.28E+00	mg/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Geninorg	EPA:160.2	SSC	—	3	—	—	1.43E+00	mg/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.40E+00	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	179	—	—	2.40E+00	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.40E+00	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.38E+00	mg/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	196	—	—	2.38E+00	mg/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.38E+00	mg/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	234	—	—	2.38E+00	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	231	—	—	2.38E+00	mg/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.119	—	—	3.30E-02	mg/L	—	J+	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.137	—	—	2.90E-02	mg/L	—	J-	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.09	—	—	2.90E-02	mg/L	J	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.159	—	—	2.90E-02	mg/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.06	—	—	1.00E-02	mg/L	J	J-, U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.81	—	—	3.30E-01	mg/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.22	—	—	3.30E-01	mg/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.39	—	—	3.30E-01	mg/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.27	—	—	3.30E-01	mg/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.29	—	—	3.30E-01	mg/L	—	—	194451	GU070900G2SW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.41	—	—	3.30E-01	mg/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2	—	—	3.30E-01	mg/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.58	—	—	—	permil	—	—	10-12	CAWR-09-12490	EES6
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.02	—	—	—	permil	—	—	08-2040	CAWR-08-15475	EES6
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.76	1.06E+00	—	—	permil	—	—	17751	EU060900G2SW01	EES6
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.16	—	—	—	permil	—	—	10-12	CAWR-09-12490	EES6
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.05	—	—	—	permil	—	—	08-2040	CAWR-08-15475	EES6
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	1.20E-01	—	—	permil	—	—	19456	EU070900G2SW20	EES6
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.05	1.20E-01	—	—	permil	—	—	19455	EU070900G2SW01	EES6
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.53	1.20E-01	—	—	permil	—	—	13110	EU060900G2SW01	EES6
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	631	—	—	6.80E+01	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	147	—	—	6.80E+01	ug/L	J	J	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	757	—	—	6.80E+01	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	574	—	—	6.80E+01	ug/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	613	—	—	6.80E+01	ug/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	129	—	—	6.80E+01	ug/L	J	U	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	194	—	—	6.80E+01	ug/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	13.2	—	—	1.50E+00	ug/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	8.8	—	—	1.50E+00	ug/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	9	—	—	1.50E+00	ug/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	10.3	—	—	1.50E+00	ug/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	9.7	—	—	1.50E+00	ug/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	—	27.8	—	—	6.00E+00	ug/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	14.4	—	—	1.50E+00	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	10.3	—	—	1.50E+00	ug/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	8.8	—	—	1.50E+00	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	10.4	—	—	1.50E+00	ug/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	9.8	—	—	1.50E+00	ug/L	—	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	11.6	—	—	1.50E+00	ug/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	—	26.6	—	—	6.00E+00	ug/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.6	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.1	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	37.6	—	—	1.00E+00	ug/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38	—	—	1.00E+00	ug/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.9	—	—	1.00E+00	ug/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.4	—	—	1.00E+00	ug/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.2	—	—	1.00E+00	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	47.6	—	—	1.00E+00	ug/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.9	—	—	1.00E+00	ug/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1.00E+00	ug/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.6	—	—	1.00E+00	ug/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	44.1	—	—	1.50E+01	ug/L	J	J	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	48.1	—	—	1.00E+01	ug/L	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	41.3	—	—	1.00E+01	ug/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	47.1	—	—	1.00E+01	ug/L	J	—	194451	GF070900G2SW20	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	46.4	—	—	1.00E+01	ug/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	43	—	—	1.00E+01	ug/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	72.5	—	—	1.00E+01	ug/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	45.1	—	—	1.50E+01	ug/L	J	J	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	48.7	—	—	1.00E+01	ug/L	J	J	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	44.7	—	—	1.00E+01	ug/L	J	J	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	46.3	—	—	1.00E+01	ug/L	J	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	47.4	—	—	1.00E+01	ug/L	J	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	42	—	—	1.00E+01	ug/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	72.7	—	—	1.00E+01	ug/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.09	—	—	2.50E+00	ug/L	J	J	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	2.50E+00	ug/L	J	J	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.6	—	—	1.00E+00	ug/L	J	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1.00E+00	ug/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.4	—	—	1.00E+00	ug/L	J	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	38.5	—	—	3.00E+01	ug/L	J	J	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	26.6	—	—	2.50E+01	ug/L	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	52.4	—	—	2.50E+01	ug/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	36.1	—	—	2.50E+01	ug/L	J	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	37.1	—	—	2.50E+01	ug/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	27.5	—	—	1.80E+01	ug/L	J	U	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	27.5	—	—	1.80E+01	ug/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	541	—	—	3.00E+01	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	139	—	—	2.50E+01	ug/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	692	—	—	2.50E+01	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	434	—	—	2.50E+01	ug/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	454	—	—	2.50E+01	ug/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	172	—	—	1.80E+01	ug/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	163	—	—	1.80E+01	ug/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.1	—	—	2.00E+00	ug/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2.00E+00	ug/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.2	—	—	2.00E+00	ug/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.3	—	—	2.00E+00	ug/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	53.6	—	—	2.00E+00	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.3	—	—	2.00E+00	ug/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	81.4	—	—	2.00E+00	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	29.4	—	—	2.00E+00	ug/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30	—	—	2.00E+00	ug/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	58.5	—	—	2.00E+00	ug/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.2	—	—	2.00E+00	ug/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.65	—	—	1.00E-01	ug/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.6	—	—	1.00E-01	ug/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.1	—	—	1.00E-01	ug/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.3	—	—	2.00E+00	ug/L	J	U, J+	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.8	—	—	2.00E+00	ug/L	J	U	185674	GF070400G2SW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.4	—	—	2.00E+00	ug/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.63	—	—	1.00E-01	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.6	—	—	1.00E-01	ug/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.4	—	—	1.00E-01	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	5	—	—	2.00E+00	ug/L	J	U, J+	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.1	—	—	2.00E+00	ug/L	J	U	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.1	—	—	2.00E+00	ug/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.724	—	—	5.00E-01	ug/L	J	J	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	ug/L	J	J	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.82	—	—	5.00E-01	ug/L	J	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.83	—	—	5.00E-01	ug/L	J	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.97	—	—	5.00E-01	ug/L	J	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.83	—	—	5.00E-01	ug/L	J	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	5.00E-01	ug/L	J	J	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	5.00E-01	ug/L	J	J	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4	—	—	5.00E-01	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34	—	—	5.30E-02	mg/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	3.20E-02	mg/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.8	—	—	3.20E-02	mg/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1.00E+00	ug/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	208	—	—	1.00E+00	ug/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	211	—	—	1.00E+00	ug/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	ug/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	230	—	—	1.00E+00	ug/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	188	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	187	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	186	—	—	1.00E+00	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	216	—	—	1.00E+00	ug/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	216	—	—	1.00E+00	ug/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	173	—	—	1.00E+00	ug/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	237	—	—	1.00E+00	ug/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.59	—	—	5.00E-02	ug/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.1	—	—	5.00E-02	ug/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	ug/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	ug/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.4	—	—	5.00E-02	ug/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.75	—	—	5.00E-02	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3	—	—	5.00E-02	ug/L	—	—	08-1082	CAWR-08-12092	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	2.4	—	—	5.00E-02	ug/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.4	—	—	5.00E-02	ug/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.5	—	—	5.00E-02	ug/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.97	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12488	GELC
Spring 2	—	—	9/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15473	GELC
Spring 2	—	—	4/29/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	20.3	—	—	1.00E+00	ug/L	—	—	08-1082	CAWR-08-12091	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.8	—	—	1.00E+00	ug/L	—	—	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1.00E+00	ug/L	—	—	194451	GF070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.1	—	—	1.00E+00	ug/L	—	—	185674	GF070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	20.7	—	—	1.00E+00	ug/L	—	—	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1.00E+00	ug/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	24	—	—	1.00E+00	ug/L	—	—	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	12.1	—	—	1.00E+00	ug/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.2	—	—	1.00E+00	ug/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.7	—	—	1.00E+00	ug/L	—	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.02	7.00E-03	3.40E-02	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	8.90E-03	4.00E-02	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00715	6.53E-03	4.19E-02	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00779	9.47E-03	4.43E-02	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0174	1.14E-02	2.80E-02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0913	1.30E+00	4.10E+00	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.973	1.30E+00	3.90E+00	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	1.37	1.11E+00	3.46E+00	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.263	1.19E+00	3.65E+00	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.23	1.14E+00	4.26E+00	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.03	1.30E+00	3.60E+00	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.55	1.40E+00	4.90E+00	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.363	1.05E+00	3.32E+00	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.455	1.01E+00	3.43E+00	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.77	1.03E+00	3.63E+00	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.839	7.20E-01	2.60E+00	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	2.72	1.10E+00	2.82E+00	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.03	9.58E-01	2.62E+00	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.04	1.05E+00	3.10E+00	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.839	7.20E-01	2.60E+00	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	FD	Rad	EPA:900	Gross beta	—	6.23	1.45E+00	3.67E+00	—	pCi/L	—	J	194451	GF070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	11	1.88E+00	3.75E+00	—	pCi/L	—	J	194451	GF070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.881	2.83E-01	8.91E-01	—	pCi/L	U	U	172166	GF060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.53	8.10E-01	2.00E+00	—	pCi/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	8.51	1.70E+00	3.89E+00	—	pCi/L	—	J	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	15.4	2.22E+00	3.95E+00	—	pCi/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	0.967	2.83E-01	8.85E-01	—	pCi/L	—	J	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.4	1.10E+01	3.60E+01	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.39	1.10E+01	2.70E+01	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	76.2	8.10E+01	3.25E+02	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68	1.54E+02	2.88E+02	—	pCi/L	U	U	194451	GU070900G2SW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	65.6	8.56E+01	2.42E+02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.87	1.00E+01	3.30E+01	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.7	1.10E+01	3.10E+01	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-10	9.25E+00	2.87E+01	—	pCi/L	U	J, U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.8	9.35E+00	2.58E+01	—	pCi/L	U	J, U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.74	9.18E+00	2.82E+01	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00171	1.70E-03	2.90E-02	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0248	1.30E-02	4.20E-02	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0	4.55E-03	2.57E-02	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00779	7.14E-03	2.49E-02	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.34E-10	2.77E-03	1.88E-02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00171	1.70E-03	2.80E-02	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	3.90E-03	4.70E-02	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0	4.54E-03	3.03E-02	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0124	5.42E-03	2.94E-02	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00196	5.19E-03	2.20E-02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-43.9	1.70E+01	4.80E+01	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-31.7	1.80E+01	5.20E+01	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-11.8	1.78E+01	5.32E+01	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21.5	2.16E+01	2.80E+01	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.5	1.63E+01	4.32E+01	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.11	1.10E+00	4.00E+00	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.08	1.60E+00	4.70E+00	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-1.1	9.52E-01	2.75E+00	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0102	9.88E-01	3.25E+00	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.07	1.10E+00	4.05E+00	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0766	8.30E-02	2.90E-01	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0587	1.00E-01	3.60E-01	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0306	4.94E-02	1.70E-01	—	pCi/L	U	U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0957	4.63E-02	1.48E-01	—	pCi/L	U	U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0093	5.22E-02	1.77E-01	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0224	4.72E-02	1.81E-01	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00181	9.60E-03	6.30E-02	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0191	7.50E-03	8.00E-02	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0292	9.00E-03	3.80E-02	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.6386	2.87E-01	2.87E-01	—	pCi/L	—	U	10-20	CAWR-09-12490	UMTL
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.67053	2.87E-01	2.87E-01	—	pCi/L	—	U	09-9	CAWR-08-15475	UMTL
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	08-1083	CAWR-08-12092	UMTL
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	—	U	2407	UU070900G2SW20	UMTL
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.9579	2.87E-01	2.87E-01	—	pCi/L	—	—	2407	UU070900G2SW01	UMTL
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35123	2.87E-01	2.87E-01	—	pCi/L	—	U	2337	UU070400G2SW01	UMTL
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.83018	2.87E-01	2.87E-01	—	pCi/L	—	J	WG-05217-UM	UU060900G2SW01	UMTL
Spring 2	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	238	6.28E+01	2.01E+02	—	pCi/L	—	J	146657	GU05090G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.868	8.00E-02	1.00E-01	—	pCi/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.897	9.10E-02	1.80E-01	—	pCi/L	—	J+	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	1.54	1.08E-01	4.89E-02	—	pCi/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.46	1.05E-01	5.24E-02	—	pCi/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.51	1.31E-01	1.01E-01	—	pCi/L	—	—	172166	GU060900G2SW01	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0211	1.10E-02	5.20E-02	—	pCi/L	U	U	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0439	1.90E-02	9.30E-02	—	pCi/L	U	U	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0348	1.12E-02	3.79E-02	—	pCi/L	U	J, U	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0402	1.17E-02	4.06E-02	—	pCi/L	U	J, U	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0239	1.47E-02	8.49E-02	—	pCi/L	U	U	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/26/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0544	1.52E-02	6.74E-02	—	pCi/L	U	U	146657	GU05090G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.5	5.20E-02	6.20E-02	—	pCi/L	—	—	10-13	CAWR-09-12490	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.522	6.20E-02	9.90E-02	—	pCi/L	—	J+	08-2041	CAWR-08-15475	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.788	6.26E-02	4.28E-02	—	pCi/L	—	—	194451	GU070900G2SW20	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.729	6.03E-02	4.59E-02	—	pCi/L	—	—	194451	GU070900G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.796	8.11E-02	1.07E-01	—	pCi/L	—	—	172166	GU060900G2SW01	GELC
Spring 2	—	—	9/28/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.727	—	—	3.00E-01	ug/L	J	J	10-13	CAWR-09-12491	GELC
Spring 2	—	—	9/29/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	UH	UJ	08-2041	CAWR-08-15476	GELC
Spring 2	—	—	4/29/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1082	CAWR-08-12092	GELC
Spring 2	—	—	9/24/2007	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	194451	GU070900G2SW02	GELC
Spring 2	—	—	5/7/2007	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	185674	GU070400G2SW01	GELC
Spring 2	—	—	9/18/2006	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	172166	GU060900G2SW01	GELC
Spring 3	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.58	8.40E-01	3.20E+00	—	pCi/L	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.41	1.18E+00	2.94E+00	—	pCi/L	—	J	194647	GU070900G3SW02	GELC
Spring 3	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.61	8.20E-01	2.45E+00	—	pCi/L	U	U	172500	GU060900G3SW01	GELC
Spring 3	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.03	5.22E-01	1.50E+00	—	pCi/L	—	J	146887	GU05090G3SW01	GELC
Spring 3	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.58	8.40E-01	3.20E+00	—	pCi/L	U	U	10-56	CAWR-09-12496	GELC
Spring 3	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.67053	2.87E-01	2.87E-01	—	pCi/L	—	U	10-68	CAWR-09-12496	UMTL
Spring 3	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.507096	1.05E+00	3.58E+00	—	pCi/L	U	U	09-29	CAWR-08-15484	ARSL
Spring 3	—	—	4/23/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.05369	2.87E-01	2.87E-01	—	pCi/L	—	—	08-1075	CAWR-08-12093	UMTL
Spring 3	—	—	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.98983	2.87E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900G3SW01	UMTL
Spring 3	—	—	4/30/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.40492	2.87E-01	2.87E-01	—	pCi/L	—	—	2336	UU070400G3SW01	UMTL
Spring 3A	—	—	9/28/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.37	7.20E-01	2.20E+00	—	pCi/L	U	U	10-43	CAWR-09-12507	GELC
Spring 3A	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.26	8.80E-01	2.40E+00	—	pCi/L	U	U	10-43	CAWR-09-12501	GELC
Spring 3A	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.04	1.06E+00	2.35E+00	—	pCi/L	—	J	194647	GU070900GA3S02	GELC
Spring 3A	—	—	9/18/2006	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.45	7.96E-01	2.52E+00	—	pCi/L	U	U	172500	GU060900GA3S90	GELC
Spring 3A	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.63	7.66E-01	2.24E+00	—	pCi/L	U	U	172500	GU060900GA3S01	GELC
Spring 3A	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.191	4.47E-01	1.69E+00	—	pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	—	—	9/28/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.51088	2.87E-01	2.87E-01	—	pCi/L	—	U	10-68	CAWR-09-12507	UMTL
Spring 3A	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.47895	2.87E-01	2.87E-01	—	pCi/L	—	U	10-68	CAWR-09-12501	UMTL
Spring 3A	—	—	9/29/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.750355	1.08E+00	3.68E+00	—	pCi/L	U	U	09-29	CAWR-08-15493	ARSL
Spring 3A	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.357025	1.03E+00	3.52E+00	—	pCi/L	U	U	09-29	CAWR-08-15491	ARSL
Spring 3A	—	—	4/23/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.67053	2.87E-01	2.87E-01	—	pCi/L	—	U	08-1075	CAWR-08-12130	UMTL
Spring 3A	—	—	4/23/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.6386	2.87E-01	2.87E-01	—	pCi/L	—	U	08-1075	CAWR-08-12098	UMTL
Spring 3A	—	—	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.76632	2.87E-01	2.87E-01	—	pCi/L	—	J	2409	UU070900GA3S01	UMTL
Spring 3A	—	—	4/30/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.57474	2.87E-01	2.87E-01	—	pCi/L	—	U	2336	UU070400GA3S01	UMTL
Spring 3AA	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.1	1.00E+00	3.00E+00	—	pCi/L	U	U	10-43	CAWR-09-12509	GELC
Spring 3AA	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.457	4.00E-01	2.49E+00	—	pCi/L	U	U	194647	GU070900GAA301	GELC
Spring 3AA	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.36	1.05E+00	3.21E+00	—	pCi/L	U	U	172500	GU060900GAA301	GELC
Spring 3AA	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.13	5.17E-01	1.72E+00	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 3AA	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12509	UMTL
Spring 3AA	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.643804	1.04E+00	3.45E+00	—	pCi/L	U	U	09-29	CAWR-08-15486	ARSL
Spring 3AA	—	—	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900GAA301	UMTL

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3AA	—	—	9/18/2006	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	—	U	2273	UU060900GAA301	UMTL
Spring 3AA	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	71.9	5.76E+01	1.91E+02	—	pCi/L	U	U	146887	GU05090GAA301	GELC
Spring 4	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.554	6.40E-01	2.40E+00	—	pCi/L	U	U	10-43	CAWR-09-12520	GELC
Spring 4	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.13	9.08E-01	2.43E+00	—	pCi/L	U	U	194647	GU070900G4SW01	GELC
Spring 4	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.502	5.39E-01	1.99E+00	—	pCi/L	U	U	172500	GU060900G4SW01	GELC
Spring 4	—	—	9/26/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.228	5.41E-01	2.62E+00	—	pCi/L	U	U, J-	146889	GU05090G4SW01	GELC
Spring 4	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.31197	2.87E-01	2.87E-01	—	pCi/L	—	—	10-68	CAWR-09-12520	UMTL
Spring 4	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.496335	1.24E+00	3.58E+00	—	pCi/L	U	U	09-29	CAWR-08-15502	ARSL
Spring 4	—	—	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.17408	2.87E-01	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12099	UMTL
Spring 4	—	—	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.72706	2.87E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900G4SW01	UMTL
Spring 4	—	—	5/3/2007	WG	UF	CS	FD	Rad	LLEE	Tritium	—	8.46145	2.87E-01	2.87E-01	—	pCi/L	—	—	2337	UU070400G4SW20	UMTL
Spring 4	—	—	5/3/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.40776	2.87E-01	2.87E-01	—	pCi/L	—	—	2337	UU070400G4SW01	UMTL
Spring 4A	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.553	6.60E-01	2.50E+00	—	pCi/L	U	U	10-43	CAWR-09-12522	GELC
Spring 4A	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.08	3.00E-01	8.08E-01	—	pCi/L	—	J	194647	GU070900GA4S01	GELC
Spring 4A	—	—	9/18/2006	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.693	6.19E-01	2.11E+00	—	pCi/L	U	U	172500	GU060900GA4S90	GELC
Spring 4A	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.176	5.49E-01	2.26E+00	—	pCi/L	U	U	172500	GU060900GA4S01	GELC
Spring 4A	—	—	9/27/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.903	5.33E-01	1.86E+00	—	pCi/L	U	U	146887	GU05090GA4S01	GELC
Spring 4A	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35123	2.87E-01	2.87E-01	—	pCi/L	—	U	10-68	CAWR-09-12522	UMTL
Spring 4A	—	—	4/21/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.51088	2.87E-01	2.87E-01	—	pCi/L	—	U	09-1580	CAWR-09-7944	UMTL
Spring 4A	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.28737	7.85E-01	2.68E+00	—	pCi/L	U	U	09-31	CAWR-08-15512	ARSL
Spring 4A	—	—	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.57474	2.87E-01	2.87E-01	—	pCi/L	—	U	08-1079	CAWR-08-12111	UMTL
Spring 4A	—	—	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35123	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900GA4S01	UMTL
Spring 4AA	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.38	1.10E+00	2.90E+00	—	pCi/L	U	U	10-43	CAWR-09-12529	GELC
Spring 4AA	—	—	9/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.67	4.90E-01	1.65E+00	—	pCi/L	U	U	194647	GU070900GAA401	GELC
Spring 4AA	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.879	6.32E-01	2.04E+00	—	pCi/L	U	U	172500	GU060900GAA401	GELC
Spring 4AA	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.04352	2.87E-01	2.87E-01	—	pCi/L	—	—	10-68	CAWR-09-12529	UMTL
Spring 4AA	—	—	4/21/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.82001	2.87E-01	2.87E-01	—	pCi/L	—	—	09-1580	CAWR-09-7946	UMTL
Spring 4AA	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.526254	8.97E-01	2.85E+00	—	pCi/L	U	U	09-31	CAWR-08-15516	ARSL
Spring 4AA	—	—	4/24/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	—	2.10738	2.87E-01	2.87E-01	—	pCi/L	—	—	08-1077	CAWR-08-12131	UMTL
Spring 4AA	—	—	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.13931	2.87E-01	2.87E-01	—	pCi/L	—	—	08-1077	CAWR-08-12109	UMTL
Spring 4AA	—	—	9/24/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.13931	2.87E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900GAA401	UMTL
Spring 4B	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	5.96	1.70E+00	3.40E+00	—	pCi/L	—	—	10-47	CAWR-09-12531	GELC
Spring 4B	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.678	3.84E-01	1.24E+00	—	pCi/L	U	U	194647	GU070900GB4S01	GELC
Spring 4B	—	—	9/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.49	6.76E-01	2.58E+00	—	pCi/L	U	U	172500	GU060900GB4S01	GELC
Spring 4B	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	23.88364	7.98E-01	2.87E-01	—	pCi/L	—	—	10-68	CAWR-09-12531	UMTL
Spring 4B	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	16.961216	2.88E+00	3.63E+00	—	pCi/L	—	U	09-29	CAWR-08-15504	ARSL
Spring 4B	—	—	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	26.5019	8.62E-01	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12102	UMTL
Spring 4B	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.64121	9.58E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900GB4S01	UMTL
Spring 4B	—	—	5/1/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	31.6107	9.58E-01	2.87E-01	—	pCi/L	—	—	2336	UU070400GB4S01	UMTL
Spring 4C	—	—	9/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.516	7.50E-01	2.90E+00	—	pCi/L	U	U	10-47	CAWR-09-12537	GELC
Spring 4C	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.41	5.03E-01	1.37E+00	—	pCi/L	—	J	194647	GU070900GC4S01	GELC
Spring 4C	—	—	9/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.329	6.15E-01	2.51E+00	—	pCi/L	U	U	172551	GU060900GC4S01	GELC
Spring 4C	—	—	9/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	6.99267	2.87E-01	2.87E-01	—	pCi/L	—	—	10-68	CAWR-09-12537	UMTL
Spring 4C	—	—	4/21/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.07829	2.87E-01	2.87E-01	—	pCi/L	—	—	09-1557	CAWR-09-7940	UMTL
Spring 4C	—	—	9/29/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	4.66178	1.12E+00	2.68E+00	—	pCi/L	—	U	09-31	CAWR-08-15508	ARSL
Spring 4C	—	—	4/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	7.91864	2.87E-01	2.87E-01	—	pCi/L	—	—	08-1078	CAWR-08-12106	UMTL
Spring 4C	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	8.11022	2.87E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900GC4S01	UMTL
Spring 5	—	—	9/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.47	6.30E-01	2.40E+00	—	pCi/L	U	U	10-43	CAWR-09-12512	GELC

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.176	6.39E-01	2.56E+00	—	pCi/L	U	U	194659	GU070900G5SW01	GELC
Spring 5	—	—	9/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.244	4.80E-01	1.70E+00	—	pCi/L	U	U	172411	GU060900G5SW01	GELC
Spring 5	—	—	9/27/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.14	4.74E-01	1.57E+00	—	pCi/L	U	J-, U	146889	GU05090G5SW01	GELC
Spring 5	—	—	9/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.44702	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12512	UMTL
Spring 5	—	—	9/30/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.231907	1.10E+00	3.68E+00	—	pCi/L	U	U	09-29	CAWR-08-15521	ARSL
Spring 5	—	—	4/30/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.62843	2.46E+00	8.24E+00	—	pCi/L	U	U	08-1116	CAWR-08-12114	ARSL
Spring 5	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900G5SW01	UMTL
Spring 5	—	—	5/1/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	—	U	2336	UU070400G5SW01	UMTL
Spring 5B	—	—	9/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.17	9.80E-01	2.60E+00	—	pCi/L	U	U	10-47	CAWR-09-12542	GELC
Spring 5B	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.66	6.28E-01	2.94E+00	—	pCi/L	U	U	194659	GU070900GB5S01	GELC
Spring 5B	—	—	9/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.2772	2.87E-01	2.87E-01	—	pCi/L	—	—	10-68	CAWR-09-12542	UMTL
Spring 5B	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.56457	2.87E-01	2.87E-01	—	pCi/L	—	—	2409	UU070900GB5S01	UMTL
Spring 5B	—	—	10/7/2003	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	429	5.88E+01	1.59E+02	—	pCi/L	—	J	89802	GU03080GB5S01	GELC
Spring 5B	—	—	10/7/2003	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.17124	2.87E-01	—	2.87E-01	pCi/L	—	—	1805	UU03080GB5S01	UMTL
Spring 5B	—	—	7/26/2000	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-90.1	5.46E+01	1.92E+02	—	pCi/L	—	U	32009	GM00091GB5S	GELC
Spring 6	—	—	9/29/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.727	7.10E-01	2.50E+00	—	pCi/L	U	U	10-47	CAWR-09-12547	GELC
Spring 6	—	—	9/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.2	8.10E-01	2.60E+00	—	pCi/L	U	U	10-47	CAWR-09-12545	GELC
Spring 6	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.914	5.65E-01	1.79E+00	—	pCi/L	U	U	194659	GU070900G6SW01	GELC
Spring 6	—	—	9/19/2006	WG	UF	CS	FB	Rad	EPA:900	Gross alpha	<	-0.469	4.77E-01	2.15E+00	—	pCi/L	U	U	172456	GU060900G6SW01-FB	GELC
Spring 6	—	—	9/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.527	3.37E-01	1.85E+00	—	pCi/L	U	U	172456	GU060900G6SW01	GELC
Spring 6	—	—	9/27/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.576	6.61E-01	3.00E+00	—	pCi/L	U	J-, U	146889	GU05090G6SW01	GELC
Spring 6	—	—	9/29/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12547	UMTL
Spring 6	—	—	9/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.28737	2.87E-01	2.87E-01	—	pCi/L	—	—	10-68	CAWR-09-12545	UMTL
Spring 6	—	—	9/30/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-2.049906	1.12E+00	3.78E+00	—	pCi/L	U	U	09-29	CAWR-08-15534	ARSL
Spring 6	—	—	9/30/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.376183	1.03E+00	3.52E+00	—	pCi/L	U	U	09-29	CAWR-08-15532	ARSL
Spring 6	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.41509	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900G6SW01	UMTL
Spring 6	—	—	9/19/2006	WG	UF	CS	FB	Rad	LLEE	Tritium	<	-0.22351	2.87E-01	2.87E-01	—	pCi/L	—	U	2273	UU060900G6SW01-FB	UMTL
Spring 6	—	—	9/19/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.57474	2.87E-01	2.87E-01	—	pCi/L	—	J	2273	UU060900G6SW01	UMTL
Spring 6	—	—	9/27/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	46.3	7.68E+01	2.59E+02	—	pCi/L	U	U	146889	GU05090G6SW01	GELC
Spring 6A	—	—	9/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.343	6.90E-01	2.80E+00	—	pCi/L	U	U	10-52	CAWR-09-12551	GELC
Spring 6A	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.24	8.17E-01	1.99E+00	—	pCi/L	—	J	194659	GU070900GA6S01	GELC
Spring 6A	—	—	9/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.62	8.20E-01	2.60E+00	—	pCi/L	U	U	172456	GU060900GA6S01	GELC
Spring 6A	—	—	9/27/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.148	6.38E-01	3.08E+00	—	pCi/L	U	U, J-	146889	GU05090GA6S01	GELC
Spring 6A	—	—	9/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12551	UMTL
Spring 6A	—	—	9/30/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.82001	1.07E+00	3.63E+00	—	pCi/L	U	U	09-29	CAWR-08-15542	ARSL
Spring 6A	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.44702	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900GA6S01	UMTL
Spring 6A	—	—	9/19/2006	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.57474	2.87E-01	2.87E-01	—	pCi/L	—	J	2273	UU060900GA6S01	UMTL
Spring 6A	—	—	9/27/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	0	6.82E+01	2.34E+02	—	pCi/L	U	U	146889	GU05090GA6S01	GELC
Spring 6AAA	—	—	9/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.506	6.10E-01	3.00E+00	—	pCi/L	U	U	10-52	CAWR-09-12553	GELC
Spring 6AAA	—	—	9/25/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.185	5.25E-01	2.38E+00	—	pCi/L	U	U	194659	GU07090G6AAA20	GELC
Spring 6AAA	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.387	6.54E-01	2.53E+00	—	pCi/L	U	U	194659	GU07090G6AAA01	GELC
Spring 6AAA	—	—	9/19/2006	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.696	6.27E-01	2.09E+00	—	pCi/L	U	U	172456	GU06090G6AAA90	GELC
Spring 6AAA	—	—	9/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0984	5.72E-01	2.45E+00	—	pCi/L	U	U	172456	GU06090G6AAA01	GELC
Spring 6AAA	—	—	9/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12553	UMTL
Spring 6AAA	—	—	9/25/2007	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU07090G6AAA20	UMTL
Spring 6AAA	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU07090G6AAA01	UMTL
Spring 6AAA	—	—	9/19/2006	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.09579	2.87E-01	2.87E-01	—	pCi/L	—	U	2273	UU06090G6AAA90	UMTL
Spring 6AAA	—	—	9/19/2006	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.19158	2.87E-01	2.87E-01	—	pCi/L	—	U	2273	UU06090G6AAA01	UMTL

Table C-1 White Rock Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 8A	—	—	9/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.128	5.30E-01	2.30E+00	—	pCi/L	U	U	10-52	CAWR-09-12562	GELC
Spring 8A	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.218	5.51E-01	2.51E+00	—	pCi/L	U	U	194658	GU070900GA8S01	GELC
Spring 8A	—	—	9/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.101	3.12E-01	1.15E+00	—	pCi/L	U	U	172411	GU060900GA8S01	GELC
Spring 8A	—	—	9/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12562	UMTL
Spring 8A	—	—	9/30/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.498108	7.95E-01	2.66E+00	—	pCi/L	U	U	09-31	CAWR-08-15550	ARSL
Spring 8A	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900GA8S01	UMTL
Spring 8A	—	—	9/19/2006	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.41509	2.87E-01	2.87E-01	—	pCi/L	—	U	2273	UU060900GA8S01	UMTL
Spring 8A	—	—	1/26/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	39.9	5.71E+01	1.85E+02	—	pCi/L	U	U	129631	GU05010GA8S01	GELC
Spring 8A	—	—	1/26/2005	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	2.87E-01	—	2.87E-01	pCi/L	—	U	2006	UU05010GA8S01	UMTL
Spring 9	—	—	9/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.75	9.40E-01	2.90E+00	—	pCi/L	U	U	10-52	CAWR-09-12565	GELC
Spring 9	—	—	9/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.672	8.06E-01	2.95E+00	—	pCi/L	U	U	194658	GU070900G9SW01	GELC
Spring 9	—	—	9/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.852	3.17E-01	8.87E-01	—	pCi/L	U	U	172411	GU060900G9SW01	GELC
Spring 9	—	—	9/28/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.598	5.73E-01	2.38E+00	—	pCi/L	U	U, J-	146889	GU05090G9SW01	GELC
Spring 9	—	—	9/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12565	UMTL
Spring 9	—	—	9/30/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.554991	1.03E+00	3.51E+00	—	pCi/L	U	U	09-29	CAWR-08-15537	ARSL
Spring 9	—	—	9/25/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900G9SW01	UMTL
Spring 9	—	—	9/19/2006	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	—	U	2273	UU060900G9SW01	UMTL
Spring 9	—	—	9/28/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-91.2	7.21E+01	2.55E+02	—	pCi/L	U	U	146889	GU05090G9SW01	GELC
Spring 9A	—	—	9/30/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.249	8.40E-01	3.30E+00	—	pCi/L	U	U	10-52	CAWR-09-12567	GELC
Spring 9A	—	—	9/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0168	4.59E-01	2.24E+00	—	pCi/L	U	U	194658	GU070900GA9S01	GELC
Spring 9A	—	—	9/20/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.415	3.21E-01	1.06E+00	—	pCi/L	U	U	172411	GU060900GA9S01	GELC
Spring 9A	—	—	9/28/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.322	4.79E-01	2.22E+00	—	pCi/L	U	U, J-	146889	GU05090GA9S01	GELC
Spring 9A	—	—	9/30/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12567	UMTL
Spring 9A	—	—	10/1/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.558184	1.10E+00	3.77E+00	—	pCi/L	U	U	09-29	CAWR-08-15539	ARSL
Spring 9A	—	—	9/26/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.41509	2.87E-01	2.87E-01	—	pCi/L	—	U	2409	UU070900GA9S01	UMTL
Spring 9A	—	—	9/20/2006	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	2.87E-01	2.87E-01	—	pCi/L	—	U	2273	UU060900GA9S01	UMTL
Spring 9A	—	—	9/28/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-45.4	7.30E+01	2.54E+02	—	pCi/L	U	U	146889	GU05090GA9S01	GELC
Spring 9B	—	—	9/30/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.769	8.50E-01	3.10E+00	—	pCi/L	U	U	10-52	CAWR-09-12571	GELC
Spring 9B	—	—	9/30/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	10-68	CAWR-09-12571	UMTL
Spring 9B	—	—	10/1/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.836566	7.60E-01	2.60E+00	—	pCi/L	U	U	09-29	CAWR-08-15552	ARSL
Spring 9B	—	—	4/23/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	08-1076	CAWR-08-12124	UMTL

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46.6	—	—	7.30E-01	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.9	—	—	7.25E-01	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57	—	—	7.25E-01	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.1	—	—	1.45E+00	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	1.45E+00	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	7.25E-01	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.09	—	—	5.00E-02	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.00E-02	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	3.60E-02	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	3.60E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:200.7	Calcium	—	11.3	—	—	8.23E-03	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.46	—	—	5.00E-02	mg/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	3.00E-02	mg/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	3.60E-02	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	3.60E-02	mg/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.64	—	—	6.60E-02	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.92	—	—	6.60E-02	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.65	—	—	6.60E-02	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6	—	—	5.30E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.39	—	—	3.22E-02	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	5.61	—	—	6.60E-02	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.298	—	—	3.30E-02	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.203	—	—	3.30E-02	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.264	—	—	3.30E-02	mg/L	—	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.238	—	—	3.00E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.254	—	—	5.53E-02	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.26	—	—	3.30E-02	mg/L	—	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.9	—	—	3.50E-01	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	4.25E-01	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	8.50E-02	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.6	—	—	8.50E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:200.7	Hardness	—	44.2	—	—	8.23E-03	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	3.50E-01	mg/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.5	—	—	4.25E-01	mg/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	8.50E-02	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	8.50E-02	mg/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	8.50E-02	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.45	—	—	8.50E-02	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.48	—	—	8.50E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.86	—	—	3.32E-03	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.52	—	—	8.50E-02	mg/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	8.50E-02	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.51	—	—	8.50E-02	mg/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.174	—	—	5.00E-02	ug/L	J	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0621	—	—	5.00E-02	ug/L	J	—	194654	GF070900PGRF01	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	5.00E-02	ug/L	U	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	5.00E-02	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	5.00E-02	ug/L	U	—	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	1.00E-02	SU	H	J	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	1.00E-02	SU	H	J	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	—	SU	H	J	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.06	—	—	5.00E-02	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.16	—	—	5.00E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:200.7	Potassium	—	2.34	—	—	3.72E-02	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	J	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.13	—	—	5.00E-02	mg/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	5.00E-02	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.25	—	—	5.00E-02	mg/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	65.6	—	—	3.20E-02	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	66.7	—	—	3.20E-02	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67	—	—	3.20E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:200.7	Silicon Dioxide	—	70.7	—	—	1.22E-02	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70.8	—	—	3.20E-02	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67.6	—	—	3.20E-02	mg/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	4.50E-02	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	4.50E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:200.7	Sodium	—	13.1	—	—	2.00E-02	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	4.50E-02	mg/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	104	—	—	1.00E+00	uS/cm	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1.00E+00	uS/cm	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1.00E+00	uS/cm	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	uS/cm	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	146	—	—	1.00E+00	uS/cm	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Geninorg	EPA:160.2	SSC	—	6.4	—	—	2.30E+00	mg/L	HJ	J-	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Geninorg	EPA:160.2	SSC	—	9.2	—	—	1.14E+00	mg/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	EPA:160.2	SSC	—	32.8	—	—	1.43E+00	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Geninorg	EPA:160.2	SSC	—	26	—	—	2.28E+00	mg/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	RE	—	Geninorg	EPA:160.2	SSC	—	27.6	—	—	2.28E+00	mg/L	—	—	146888	GU05090PGRF01	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	—	10/22/02	WS	UF	CS	—	Geninorg	EPA:160.2	SSC	—	6.6	—	—	7.64E-01	mg/L	—	—	69309	GU02100WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.78	—	—	1.00E-01	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.89	—	—	1.00E-01	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.77	—	—	1.00E-01	mg/L	—	J+	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.01	—	—	5.70E-02	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	1.93E-01	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	1.00E-01	mg/L	—	J+	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	H	J-	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	122	—	—	2.38E+00	mg/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.38E+00	mg/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.38E+00	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.38E+00	mg/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	229	—	—	3.07E+00	mg/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.081	—	—	2.90E-02	mg/L	J	J, JN-	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.103	—	—	1.00E-02	mg/L	—	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.102	—	—	3.30E-02	mg/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.106	—	—	2.90E-02	mg/L	—	JN-, J	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.172	—	—	1.00E-02	mg/L	—	J+	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.21	—	—	3.30E-01	mg/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.84	—	—	3.30E-01	mg/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.55	—	—	3.30E-01	mg/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	922	—	—	6.80E+01	ug/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	—	146	—	—	6.80E+01	ug/L	J	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	—	75.5	—	—	6.80E+01	ug/L	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Aluminum	—	52.5	—	—	1.44E+01	ug/L	J	J-	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2110	—	—	6.80E+01	ug/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	415	—	—	6.80E+01	ug/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1110	—	—	6.80E+01	ug/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	763	—	—	6.80E+01	ug/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6020	Arsenic	<	4.1	—	—	1.50E+00	ug/L	J	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Arsenic	<	1.67	—	—	1.67E+00	ug/L	U	UJ	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.22	—	—	1.50E+00	ug/L	J	J	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.6	—	—	1.50E+00	ug/L	J	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	14.6	—	—	1.00E+00	ug/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	17.9	—	—	1.00E+00	ug/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	16.8	—	—	1.00E+00	ug/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	16.4	—	—	1.00E+00	ug/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Barium	—	19.2	—	—	3.01E-01	ug/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.4	—	—	1.00E+00	ug/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1.00E+00	ug/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.9	—	—	1.00E+00	ug/L	—	—	172455	GU060900PGRF01	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.8	—	—	1.00E+00	ug/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Chromium	<	1.43	—	—	1.43E+00	ug/L	U	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.55	—	—	2.50E+00	ug/L	J	J	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	486	—	—	3.00E+01	ug/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	165	—	—	2.50E+01	ug/L	—	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	223	—	—	1.80E+01	ug/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	120	—	—	1.80E+01	ug/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Iron	—	42	—	—	1.49E+01	ug/L	J	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	1090	—	—	3.00E+01	ug/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	347	—	—	2.50E+01	ug/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	926	—	—	1.80E+01	ug/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	681	—	—	1.80E+01	ug/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.8	Lead	—	0.053	—	—	5.00E-02	ug/L	J	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	0.649	—	—	5.00E-01	ug/L	J	J	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6020	Lead	<	1.5	—	—	5.00E-01	ug/L	J	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	0.96	—	—	5.00E-01	ug/L	J	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.52	—	—	2.00E+00	ug/L	J	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.2	—	—	2.00E+00	ug/L	J	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.7	—	—	2.00E+00	ug/L	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Manganese	—	3.1	—	—	3.04E-01	ug/L	J	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.2	—	—	2.00E+00	ug/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.8	—	—	2.00E+00	ug/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	85.2	—	—	2.00E+00	ug/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	48.9	—	—	2.00E+00	ug/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.654	—	—	5.00E-01	ug/L	J	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	0.64	—	—	5.00E-01	ug/L	J	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	0.82	—	—	5.00E-01	ug/L	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Nickel	<	3.6	—	—	3.60E+00	ug/L	U	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.803	—	—	5.00E-01	ug/L	J	J	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.76	—	—	5.00E-01	ug/L	J	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.85	—	—	5.00E-01	ug/L	J	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.8	—	—	5.30E-02	mg/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	47.7	—	—	1.00E+00	ug/L	—	—	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.7	—	—	1.00E+00	ug/L	—	—	194654	GF070900PGRF01	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.7	—	—	1.00E+00	ug/L	—	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	63.5	—	—	1.00E+00	ug/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Strontium	—	66.7	—	—	2.38E-01	ug/L	—	—	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.2	—	—	1.00E+00	ug/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.5	—	—	1.00E+00	ug/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	66.2	—	—	1.00E+00	ug/L	—	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	64.6	—	—	1.00E+00	ug/L	—	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.22	—	—	1.00E+00	ug/L	J	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.4	—	—	1.00E+00	ug/L	J	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.6	—	—	1.00E+00	ug/L	J	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3	—	—	1.00E+00	ug/L	J	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Vanadium	—	3.4	—	—	7.32E-01	ug/L	J	JN-	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.39	—	—	1.00E+00	ug/L	—	—	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1.00E+00	ug/L	J	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.7	—	—	1.00E+00	ug/L	J	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.79	—	—	3.30E+00	ug/L	J	J	10-2617	CAWR-10-14117	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	F	CS	—	Metals	EPA:200.7	Zinc	<	1.2	—	—	4.06E-01	ug/L	J	U	121726	GF04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.48	—	—	3.30E+00	ug/L	J	J	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.1	—	—	2.00E+00	ug/L	J	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.2	—	—	2.00E+00	ug/L	J	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0107	1.86E-03	3.65E-02	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0186	3.63E-03	2.52E-02	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.0179	3.25E-03	3.23E-02	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00134	1.00E-03	2.50E-02	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0123	1.73E-03	3.59E-02	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00694	2.74E-03	4.18E-02	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00838	1.88E-03	5.93E-02	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	Alpha Spec	Americium-241	<	-2.79E-09	3.37E-03	4.60E-02	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.45	4.33E-01	4.36E+00	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.61	4.93E-01	4.94E+00	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.836	3.08E-01	3.15E+00	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.247	4.67E-01	4.60E+00	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.746	4.20E-01	3.35E+00	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.82	3.60E-01	3.16E+00	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.39	2.57E-01	2.90E+00	—	pCi/L	UI	R	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.38	5.07E-01	5.16E+00	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.831	4.13E-01	3.76E+00	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.328	5.90E-01	5.89E+00	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.76	3.57E-01	4.34E+00	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.526	5.33E-01	5.30E+00	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.138	3.93E-01	3.86E+00	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.895	3.83E-01	4.75E+00	—	pCi/L	U	U	172455	GU060900PGRF01	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.46	2.38E-01	2.69E+00	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.703	6.00E-01	7.30E+00	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.51	1.20E-01	1.35E+00	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	0.262	1.34E-01	1.40E+00	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:900	Gross alpha	<	0.556	1.29E-01	1.53E+00	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.03	2.57E-01	2.60E+00	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.485	1.27E-01	1.25E+00	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.8	2.25E-01	1.89E+00	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.675	2.12E-01	3.08E+00	—	pCi/L	U	J-, U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.3	1.86E-01	2.46E+00	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:900	Gross beta	<	0.366	2.17E-01	2.20E+00	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:900	Gross beta	<	1.82	3.03E-01	2.95E+00	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:900	Gross beta	<	2.2	2.50E-01	2.87E+00	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	2.62	3.00E-01	2.60E+00	—	pCi/L	—	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	<	2.21	2.47E-01	2.29E+00	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:900	Gross beta	<	3.27	3.63E-01	3.38E+00	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	2.53	2.60E-01	2.97E+00	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.02	1.73E-01	1.92E+00	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	60.5	1.80E+01	1.86E+02	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	78.9	1.81E+01	2.32E+02	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	88.2	1.50E+01	3.97E+02	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.3	1.63E+00	1.30E+01	—	pCi/L	—	R	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.1	2.01E+01	2.07E+02	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	119	3.57E+01	4.51E+02	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	93.7	1.49E+01	2.39E+02	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	102	2.29E+01	3.33E+02	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.01	3.12E+00	2.76E+01	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.02	3.43E+00	3.41E+01	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.21	2.29E+00	1.60E+01	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.38	3.33E+00	3.50E+01	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.986	3.31E+00	2.96E+01	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.35	2.66E+00	2.88E+01	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.25	1.89E+00	1.94E+01	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.103	2.18E+00	2.25E+01	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0039	9.20E-04	3.12E-02	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00821	1.53E-03	1.97E-02	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00724	2.83E-03	2.77E-02	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00723	1.90E-03	3.40E-02	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00195	2.69E-03	3.12E-02	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00609	1.52E-03	1.95E-02	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00182	2.50E-03	2.78E-02	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	-0.00644	2.58E-03	3.30E-02	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0078	2.06E-03	3.68E-02	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0205	3.22E-03	2.30E-02	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0108	2.26E-03	2.98E-02	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00542	2.00E-03	2.10E-02	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00195	1.46E-03	3.69E-02	—	pCi/L	U	U	194654	GU070900PGRF01	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00406	1.35E-03	2.27E-02	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	4.33E-10	1.48E-03	3.00E-02	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	-0.0107	3.70E-03	3.40E-02	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.887	4.73E+00	4.79E+01	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.54	5.83E+00	5.90E+01	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	42.8	4.60E+00	5.67E+01	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.2	7.33E+00	7.60E+01	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.99	4.47E+00	4.86E+01	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	17.6	5.27E+00	3.39E+01	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	31.9	2.47E+00	2.95E+01	—	pCi/L	UI	R	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	31.3	6.00E+00	7.96E+01	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.18	4.33E-01	4.99E+00	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	3.07	5.07E-01	3.43E+00	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.26	3.90E-01	3.93E+00	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.861	5.00E-01	5.10E+00	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.207	3.63E-01	3.40E+00	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.11	3.02E-01	4.07E+00	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.411	1.88E-01	1.92E+00	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.419	5.17E-01	6.07E+00	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.139	3.22E-02	3.21E-01	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0364	2.49E-02	3.07E-01	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00342	1.98E-02	3.01E-01	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0194	4.00E-02	4.20E-01	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0559	4.00E-02	4.21E-01	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00335	3.26E-02	3.73E-01	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0728	2.13E-02	3.54E-01	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0622	1.23E-02	1.35E-01	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.134	6.57E-03	5.37E-02	—	pCi/L	—	J	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Uranium-234	<	0.037	4.77E-03	5.15E-02	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.137	7.20E-03	8.37E-02	—	pCi/L	—	J	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0426	4.00E-03	5.00E-02	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.106	5.23E-03	4.47E-02	—	pCi/L	—	J	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0647	4.87E-03	5.19E-02	—	pCi/L	—	J	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0618	4.47E-03	7.25E-02	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-234	<	0.0377	4.33E-03	6.40E-02	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0134	3.47E-03	3.82E-02	—	pCi/L	U	U	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0061	2.88E-03	4.34E-02	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0203	3.21E-03	6.30E-02	—	pCi/L	U	U	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.17E-03	3.90E-02	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0156	2.25E-03	3.18E-02	—	pCi/L	U	U	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	2.31E-03	4.38E-02	—	pCi/L	U	U	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00588	3.10E-03	5.46E-02	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.00445	1.49E-03	4.10E-02	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	09/26/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0802	5.47E-03	4.24E-02	—	pCi/L	—	J	194654	GF070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0543	4.33E-03	5.47E-02	—	pCi/L	U	U	172455	GF060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.178	7.93E-03	5.92E-02	—	pCi/L	—	—	146888	GF05090PGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0254	2.90E-03	3.60E-02	—	pCi/L	U	U	10-2617	CAWR-10-14115	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.114	5.37E-03	3.53E-02	—	pCi/L	—	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0622	4.47E-03	5.52E-02	—	pCi/L	—	J	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0476	3.80E-03	5.14E-02	—	pCi/L	U	U	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-238	<	0.0272	3.22E-03	4.50E-02	—	pCi/L	U	U	121726	GU04090WGRF01	GELC
Frijoles at Rio Grande	—	—	03/22/10	WS	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	1.4	—	—	3.40E-01	ug/L	J	J	10-2584	CAWR-10-14116	STSL
Frijoles at Rio Grande	—	—	09/26/07	WP	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	ug/L	U	—	194654	GU070900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/20/06	WP	UF	CS	—	Voa	SW-846:8260B	Acetone	—	4.5	—	—	1.25E+00	ug/L	J	—	172455	GU060900PGRF01	GELC
Frijoles at Rio Grande	—	—	09/28/05	WS	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	—	ug/L	U	—	146888	GU05090PGRF01	GELC
Frijoles at Rio Grande	—	—	09/15/04	WS	UF	CS	—	Voa	EPA:624	Acetone	<	5	—	—	—	ug/L	U	—	121726	GU04090WGRF01	GELC
Sandia Spring	—	—	09/23/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	1.00E-02	SU	H	J-	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	04/23/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	09/25/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	1.00E-02	SU	H	J-	08-2023	CAWR-08-15467	GELC
Sandia Spring	—	—	09/23/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1.00E+00	uS/cm	—	—	09-3330	CAWR-09-12483	GELC
Sandia Spring	—	—	04/23/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	uS/cm	—	—	09-1598	CAWR-09-7932	GELC
Sandia Spring	—	—	09/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	08-2023	CAWR-08-15467	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6020	Calcium	—	21.5	—	—	4.87E-02	mg/L	NE	J+	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.7	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.9	—	—	3.00E-02	mg/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6020	Calcium	—	21.7	—	—	4.87E-02	mg/L	NE	J+	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.7	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.8	—	—	3.00E-02	mg/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6020	Magnesium	—	4.14	—	—	3.10E-03	mg/L	E	—	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.43	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.59	—	—	8.50E-02	mg/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.72	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.45	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6020	Magnesium	—	4.14	—	—	3.10E-03	mg/L	E	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.45	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.62	—	—	8.50E-02	mg/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.44	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12518	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	1.00E-02	SU	H	J-	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6020	Potassium	—	2.5	—	—	1.16E-02	mg/L	E	—	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.79	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.64	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6020	Potassium	—	2.48	—	—	1.16E-02	mg/L	E	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.67	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.8	—	—	5.00E-02	mg/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.86	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15502	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	5.00E-02	mg/L	E	J	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6020	Sodium	—	12.9	—	—	6.90E-03	mg/L	—	—	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	4.50E-02	mg/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6020	Sodium	—	13	—	—	6.90E-03	mg/L	—	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	4.50E-02	mg/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	218	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1.00E+00	uS/cm	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	UJ	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Aluminum	—	51.1	—	—	9.90E+00	ug/L	—	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	634	—	—	6.80E+01	ug/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN	UJ	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.60E+00	ug/L	J	J	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	4.62	—	—	1.50E+00	ug/L	J	U	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.50E+00	ug/L	J	J	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.2	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.60E+00	ug/L	J	J	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.11	—	—	1.50E+00	ug/L	J	J	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.02	—	—	1.50E+00	ug/L	J	U	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Barium	—	38.7	—	—	5.20E-01	ug/L	E	—	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.4	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.6	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.8	—	—	1.00E+00	ug/L	E	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.5	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Barium	—	40.3	—	—	5.20E-01	ug/L	E	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	49.5	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.7	—	—	1.00E+01	ug/L	J	J	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1065	CAWR-08-12101	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Boron	—	18.4	—	—	1.80E+01	ug/L	J	J	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.2	—	—	1.00E+01	ug/L	J	J	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.47	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.15	—	—	1.50E+00	ug/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	3.30E+00	ug/L	J	J	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.63	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.3	—	—	1.50E+00	ug/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U*	U	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Iron	—	52.8	—	—	2.04E+01	ug/L	*	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	42.7	—	—	3.00E+01	ug/L	J	U	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	569	—	—	2.50E+01	ug/L	*	J	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	54.4	—	—	2.50E+01	ug/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	0.82	—	—	6.00E-01	ug/L	J	J	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.09	—	—	2.00E+00	ug/L	J	J	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.2	—	—	4.80E-01	ug/L	J	J	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.14	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.68	—	—	1.00E+00	ug/L	J	J	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	2.2	—	—	1.00E+00	ug/L	J	J	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1	—	—	4.80E-01	ug/L	J	J	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.19	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.5	—	—	1.00E+00	ug/L	J	J	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.2	—	—	1.00E+00	ug/L	J	J	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.1	—	—	1.00E+00	ug/L	J	J	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Strontium	—	126	—	—	3.10E-01	ug/L	E	—	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	131	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12101	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Strontium	—	130	—	—	3.10E-01	ug/L	E	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	132	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	137	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	2.10E-01	ug/L	—	—	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.867	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.16	—	—	5.00E-02	ug/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.95	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	2.10E-01	ug/L	—	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.965	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.44	—	—	5.00E-02	ug/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Vanadium	—	11.2	—	—	3.00E+00	ug/L	—	—	10-2607	CAWR-10-14103	STSL
Spring 4	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.13	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12518	GELC
Spring 4	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.23	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7936	GELC
Spring 4	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15503	GELC
Spring 4	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12101	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Vanadium	—	11.3	—	—	3.00E+00	ug/L	—	—	10-2607	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.09	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12520	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	ug/L	—	—	09-1579	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15502	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.2	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	4.1	—	—	1.00E+00	ug/L	J	J	10-2606	CAWR-10-14102	STSL
Spring 4	—	—	09/28/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.20E+00	ug/L	U	U	10-17	CAWR-09-12519	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.9	—	—	2.40E+00	ug/L	U	U	09-1577	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.4	—	—	2.10E+00	ug/L	U	U	08-2044	CAWR-08-15500	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.2	—	—	2.30E+00	ug/L	U	U	08-1064	CAWR-08-12099	GELC
Spring 4	—	—	03/24/10	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.71	—	—	1.30E+00	ug/L	J	J	10-2626	CAWR-10-14102	GELC
Spring 4	—	—	09/28/09	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	U	10-17	CAWR-09-12519	GELC
Spring 4	—	—	04/21/09	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	U	09-1577	CAWR-09-7934	GELC
Spring 4	—	—	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	UJ	08-2044	CAWR-08-15500	GELC
Spring 4	—	—	04/24/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	U	08-1064	CAWR-08-12099	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80	—	—	8.50E-01	mg/L	—	—	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.8	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.3	—	—	7.30E-01	mg/L	—	—	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.5	—	—	7.30E-01	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.6	—	—	7.30E-01	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0314	—	—	8.10E-03	mg/L	J	J-	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.046	—	—	1.60E-02	mg/L	J	J-	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.075	—	—	2.60E-02	mg/L	J	J	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-42	CAWR-09-12523	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.075	—	—	6.60E-02	mg/L	J	J	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	U	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0763	—	—	6.70E-02	mg/L	J	J	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6	—	—	4.00E-01	mg/L	—	—	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.22	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.15	—	—	6.60E-02	mg/L	—	—	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.1	—	—	6.60E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.22	—	—	6.60E-02	mg/L	—	J	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.44	—	—	1.00E-02	mg/L	—	—	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.685	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.498	—	—	3.30E-02	mg/L	—	—	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.519	—	—	3.30E-02	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.535	—	—	3.30E-02	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:130.2	Hardness	—	66	—	—	1.70E+00	mg/L	—	—	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.4	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.4	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.8	—	—	4.30E-01	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.7	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12522	GELC
Spring 4A	—	—	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.7	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15512	GELC
Spring 4A	—	—	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.5	—	—	4.30E-01	mg/L	—	—	08-1061	CAWR-08-12111	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate	—	1.32	—	—	3.00E-02	mg/L	—	J+	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	03/24/10	WG	F	RE	—	Geninorg	SW-846:6850	Perchlorate	—	0.5	—	—	2.00E-02	ug/L	—	—	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.585	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.623	—	—	5.00E-02	ug/L	—	—	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.551	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.531	—	—	5.00E-02	ug/L	—	J	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	—	SU	—	J-	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J-	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	9.70E-02	uS/cm	B	—	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	201	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	191	—	—	1.00E+00	uS/cm	—	—	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	193	—	—	1.00E+00	uS/cm	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.8	—	—	5.00E-02	mg/L	—	—	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.39	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.36	—	—	1.00E-01	mg/L	—	—	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.28	—	—	1.00E-01	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.22	—	—	1.00E-01	mg/L	—	—	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12523	GELC
Spring 4A	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.40E+00	mg/L	—	—	09-1579	CAWR-09-7943	GELC
Spring 4A	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.40E+00	mg/L	—	—	09-26	CAWR-08-15515	GELC
Spring 4A	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.40E+00	mg/L	—	J	08-1061	CAWR-08-12113	GELC
Spring 4A	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:365.2	Total Phosphorus	—	0.0738	—	—	6.00E-03	mg/L	—	—	10-2607	CAWR-10-14105	STSL
Spring 4A	—	—	03/24/10	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	2	—	—	—	mg/L	—	—	10-2607	CAWR-10-14106	STSL

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	—	—	09/14/04	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	<	1.53	—	—	1.53E+00	mg/L	U	—	121725	GU04090GA4S01	GELC
Spring 4A	—	—	04/15/04	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	<	1.91	—	—	1.91E+00	mg/L	U	—	111062	GU04040GA4S01	GELC
Spring 4A	—	—	10/07/03	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	<	0.756	—	—	7.56E-01	mg/L	U	—	89802	GU03080GA4S01	GELC
Spring 4A	—	—	09/25/01	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	<	0.672	—	—	6.72E-01	mg/L	U	—	49694	GU01091GA4S	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82	—	—	8.50E-01	mg/L	—	—	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87.6	—	—	7.30E-01	mg/L	—	—	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.9	—	—	7.30E-01	mg/L	—	—	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.2	—	—	7.30E-01	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.2	—	—	7.30E-01	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.219	—	—	8.10E-03	mg/L	—	J-	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.025	—	—	1.60E-02	mg/L	J	J-	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.033	—	—	1.60E-02	mg/L	J	J-	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.067	—	—	2.60E-02	mg/L	J	J	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.084	—	—	6.60E-02	mg/L	J	J	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.084	—	—	6.70E-02	mg/L	J	J	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0689	—	—	6.70E-02	mg/L	J	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.6	—	—	4.00E-01	mg/L	—	—	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.94	—	—	6.60E-02	mg/L	—	—	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.59	—	—	6.60E-02	mg/L	—	—	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.75	—	—	6.60E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.67	—	—	6.60E-02	mg/L	—	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.44	—	—	1.00E-02	mg/L	—	—	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.689	—	—	3.30E-02	mg/L	—	—	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.506	—	—	3.30E-02	mg/L	—	—	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.527	—	—	3.30E-02	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.488	—	—	3.30E-02	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:130.2	Hardness	—	68	—	—	1.70E+00	mg/L	—	—	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.4	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74	—	—	4.30E-01	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	3.50E-01	mg/L	—	—	10-42	CAWR-09-12529	GELC
Spring 4AA	—	—	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.4	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15516	GELC
Spring 4AA	—	—	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	4.30E-01	mg/L	—	—	08-1059	CAWR-08-12109	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate	—	1.42	—	—	3.00E-02	mg/L	—	J+	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	03/24/10	WG	F	RE	—	Geninorg	SW-846:6850	Perchlorate	—	0.56	—	—	2.00E-02	ug/L	—	—	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.602	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.629	—	—	5.00E-02	ug/L	—	—	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.564	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.56	—	—	5.00E-02	ug/L	—	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	—	SU	—	J-	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.59	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	1.00E-02	SU	H	J-	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	08-1059	CAWR-08-12108	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	9.70E-02	uS/cm	B	—	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	207	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	201	—	—	1.00E+00	uS/cm	—	—	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1.00E+00	uS/cm	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	198	—	—	1.00E+00	uS/cm	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.5	—	—	5.00E-02	mg/L	—	—	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.14	—	—	1.00E-01	mg/L	—	J	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.9	—	—	1.00E-01	mg/L	—	—	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.96	—	—	1.00E-01	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.79	—	—	1.00E-01	mg/L	—	—	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	184	—	—	2.40E+00	mg/L	—	—	10-42	CAWR-09-12527	GELC
Spring 4AA	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.40E+00	mg/L	—	—	09-1579	CAWR-09-7945	GELC
Spring 4AA	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.40E+00	mg/L	—	—	09-26	CAWR-08-15518	GELC
Spring 4AA	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.40E+00	mg/L	—	J	08-1059	CAWR-08-12108	GELC
Spring 4AA	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:365.2	Total Phosphorus	—	0.0689	—	—	6.00E-03	mg/L	—	—	10-2607	CAWR-10-14108	STSL
Spring 4AA	—	—	03/24/10	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	5	—	—	—	mg/L	—	—	10-2607	CAWR-10-14107	STSL
Spring 4AA	—	—	09/14/04	WG	UF	CS	—	Geninorg	EPA:160.2	Total Suspended Solids	—	33.2	—	—	1.53E+00	mg/L	—	—	121725	GU04090GAA401	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6020	Calcium	—	21.7	—	—	4.87E-02	mg/L	NE	J+	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.8	—	—	3.00E-02	mg/L	—	—	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.3	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.8	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6020	Calcium	—	26.3	—	—	4.87E-02	mg/L	NE	J+	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.5	—	—	3.00E-02	mg/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.5	—	—	3.00E-02	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6020	Magnesium	—	5.32	—	—	3.10E-03	mg/L	E	—	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.35	—	—	8.50E-02	mg/L	—	—	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.52	—	—	8.50E-02	mg/L	—	—	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.79	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.15	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6020	Magnesium	—	5.77	—	—	3.10E-03	mg/L	E	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.46	—	—	8.50E-02	mg/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.79	—	—	8.50E-02	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.24	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	1.00E-02	SU	H	J-	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	1.00E-02	SU	H	J-	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6020	Potassium	—	2.58	—	—	1.16E-02	mg/L	E	—	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	—	—	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.74	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6020	Potassium	—	3.15	—	—	1.16E-02	mg/L	E	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.96	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12531	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.67	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.9	—	—	5.00E-02	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6020	Sodium	—	13.3	—	—	6.90E-03	mg/L	—	—	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6020	Sodium	—	13.6	—	—	6.90E-03	mg/L	—	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	232	—	—	1.00E+00	uS/cm	—	—	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	234	—	—	1.00E+00	uS/cm	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	227	—	—	1.00E+00	uS/cm	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Aluminum	—	2450	—	—	9.90E+00	ug/L	—	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2050	—	—	6.80E+01	ug/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	278	—	—	6.80E+01	ug/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	560	—	—	6.80E+01	ug/L	N	J+	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	280	—	—	6.80E+01	ug/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.18	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.60E+00	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.34	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.3	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Barium	—	41.9	—	—	5.20E-01	ug/L	E	—	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.7	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	47.4	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.1	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.6	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Barium	—	78	—	—	5.20E-01	ug/L	E	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	67.5	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	48.4	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.6	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	49.2	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.9	—	—	1.00E+01	ug/L	J	J	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15507	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Boron	—	28	—	—	1.80E+01	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.5	—	—	1.00E+01	ug/L	J	J	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.19	—	—	2.50E+00	ug/L	J	J	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.66	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.7	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.9	—	—	3.30E+00	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.61	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.39	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.50E+00	ug/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Cobalt	—	0.26	—	—	2.40E-01	ug/L	J	J	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Cobalt	—	0.69	—	—	2.40E-01	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Copper	—	0.79	—	—	4.70E-01	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Iron	—	52	—	—	2.04E+01	ug/L	*	—	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	41.1	—	—	3.00E+01	ug/L	J	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Iron	—	1420	—	—	2.04E+01	ug/L	*	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1580	—	—	3.00E+01	ug/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	235	—	—	2.50E+01	ug/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	417	—	—	2.50E+01	ug/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	218	—	—	2.50E+01	ug/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-20	CAWR-08-15507	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.5	—	—	4.90E-01	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.4	—	—	5.00E-01	ug/L	J	J	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.51	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Manganese	—	1.1	—	—	6.00E-01	ug/L	J	J	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.46	—	—	2.00E+00	ug/L	J	J	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	18.9	—	—	6.00E-01	ug/L	—	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.4	—	—	2.00E+00	ug/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.73	—	—	2.00E+00	ug/L	J	J	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.7	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.5	—	—	2.00E+00	ug/L	J	J	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.706	—	—	5.00E-01	ug/L	J	J	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	4.90E-01	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.47	—	—	5.00E-01	ug/L	J	J	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.556	—	—	5.00E-01	ug/L	J	J	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	ug/L	J	J	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	0.97	—	—	4.80E-01	ug/L	J	J	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.16	—	—	1.00E+00	ug/L	J	J	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.36	—	—	1.00E+00	ug/L	J	J	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1	—	—	1.00E+00	ug/L	J	J	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.4	—	—	4.80E-01	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.62	—	—	1.00E+00	ug/L	J	J	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Strontium	—	134	—	—	3.10E-01	ug/L	E	—	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	154	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Strontium	—	165	—	—	3.10E-01	ug/L	E	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	151	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	2.10E-01	ug/L	—	—	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.51	—	—	5.00E-02	ug/L	—	—	10-42	CAWR-09-12530	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.56	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.6	—	—	2.10E-01	ug/L	—	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.14	—	—	5.00E-02	ug/L	—	J	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.66	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Vanadium	—	8.1	—	—	3.00E+00	ug/L	J	J	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.99	—	—	1.00E+00	ug/L	—	—	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.04	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Vanadium	—	13.1	—	—	3.00E+00	ug/L	—	—	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.29	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1.00E+00	ug/L	—	—	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Zinc	—	5.2	—	—	3.70E+00	ug/L	J	J	10-2607	CAWR-10-14099	STSL
Spring 4B	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-42	CAWR-09-12530	GELC
Spring 4B	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-1556	CAWR-09-7937	GELC
Spring 4B	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15507	GELC
Spring 4B	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12104	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Zinc	—	6.6	—	—	3.70E+00	ug/L	J	J	10-2607	CAWR-10-14100	STSL
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.34	—	—	3.30E+00	ug/L	J	J	10-46	CAWR-09-12531	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.68	—	—	2.00E+00	ug/L	J	U	09-1556	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	ug/L	J	J	09-20	CAWR-08-15504	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12102	GELC
Spring 4B	—	—	03/24/10	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	3.32	—	—	1.30E+00	ug/L	J	J	10-2626	CAWR-10-14100	GELC
Spring 4B	—	—	09/28/09	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	U	10-17	CAWR-09-12532	GELC
Spring 4B	—	—	04/21/09	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.73	—	—	1.30E+00	ug/L	J	J	09-1555	CAWR-09-7939	GELC
Spring 4B	—	—	09/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.62	—	—	1.30E+00	ug/L	J	J	09-19	CAWR-08-15506	GELC
Spring 4B	—	—	04/24/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	1.77	—	—	1.30E+00	ug/L	J	J	08-1064	CAWR-08-12102	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.1	—	—	7.30E-01	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.8	—	—	7.30E-01	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.8	—	—	7.30E-01	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	7.30E-01	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.5	—	—	7.30E-01	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.136	—	—	6.60E-02	mg/L	J	J	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.112	—	—	6.60E-02	mg/L	J	J	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.093	—	—	6.70E-02	mg/L	J	J	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0757	—	—	6.70E-02	mg/L	J	J	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.6	—	—	5.00E-02	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	3.00E-02	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.5	—	—	5.00E-02	mg/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	3.00E-02	mg/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.8	—	—	3.00E-02	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	3.00E-02	mg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.73	—	—	6.60E-02	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.44	—	—	6.60E-02	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.33	—	—	6.60E-02	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.3	—	—	6.60E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.38	—	—	6.60E-02	mg/L	—	J	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.522	—	—	3.30E-02	mg/L	—	J-	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.617	—	—	3.30E-02	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.469	—	—	3.30E-02	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.49	—	—	3.30E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.472	—	—	3.30E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.2	—	—	3.50E-01	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.1	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.9	—	—	3.50E-01	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.8	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.9	—	—	3.50E-01	mg/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.8	—	—	3.50E-01	mg/L	—	—	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.3	—	—	3.50E-01	mg/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.1	—	—	3.50E-01	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.8	—	—	4.30E-01	mg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.93	—	—	8.50E-02	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.39	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.56	—	—	8.50E-02	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.55	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.29	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.56	—	—	8.50E-02	mg/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.36	—	—	8.50E-02	mg/L	—	—	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.48	—	—	8.50E-02	mg/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.88	—	—	8.50E-02	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	8.50E-02	mg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.3	—	—	5.00E-02	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.36	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.36	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.32	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.27	—	—	5.00E-02	mg/L	—	J	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.625	—	—	5.00E-02	ug/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.701	—	—	5.00E-02	ug/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.68	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.626	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.628	—	—	5.00E-02	ug/L	—	J	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	10-2633	CAWR-10-14098	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J-	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	1.00E-02	SU	H	J-	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	5.00E-02	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.71	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.75	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.74	—	—	5.00E-02	mg/L	—	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.92	—	—	5.00E-02	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	E	—	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	1.00E-01	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	1.00E-01	mg/L	—	—	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	4.50E-02	mg/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	4.50E-02	mg/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	uS/cm	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	212	—	—	1.00E+00	uS/cm	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	204	—	—	1.00E+00	uS/cm	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1.00E+00	uS/cm	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1.00E+00	uS/cm	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.31	—	—	1.00E-01	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.44	—	—	1.00E-01	mg/L	—	J	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.44	—	—	1.00E-01	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.18	—	—	1.00E-01	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.33	—	—	1.00E-01	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	2.40E+00	mg/L	H	J-	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	171	—	—	2.40E+00	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.711	—	—	3.30E-01	mg/L	J	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.653	—	—	3.30E-01	mg/L	J	J	10-45	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.16	—	—	3.30E-01	mg/L	—	—	09-1555	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.936	—	—	3.30E-01	mg/L	J	J	09-25	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.858	—	—	3.30E-01	mg/L	J	J	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1040	—	—	6.80E+01	ug/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1556	CAWR-09-7942	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	271	—	—	6.80E+01	ug/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.53	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	4.03	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.6	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.53	—	—	1.50E+00	ug/L	J	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.15	—	—	1.50E+00	ug/L	J	J	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.41	—	—	1.50E+00	ug/L	J	J	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	ug/L	J	J	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	61.3	—	—	1.00E+00	ug/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.1	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.9	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	48.6	—	—	1.00E+00	ug/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.3	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.1	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.7	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.4	—	—	1.50E+01	ug/L	J	J	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.2	—	—	1.00E+01	ug/L	J	J	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.3	—	—	1.50E+01	ug/L	J	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.3	—	—	1.00E+01	ug/L	J	J	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.18	—	—	2.50E+00	ug/L	J	J	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.51	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.43	—	—	1.50E+00	ug/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	1.50E+00	ug/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.25	—	—	2.50E+00	ug/L	J	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.26	—	—	2.50E+00	ug/L	J	J	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.28	—	—	1.50E+00	ug/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.50E+00	ug/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	2.50E+00	ug/L	J	J	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1280	—	—	3.00E+01	ug/L	—	—	10-2633	CAWR-10-14098	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	316	—	—	3.00E+01	ug/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	47.6	—	—	3.00E+01	ug/L	J	J	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	29.1	—	—	2.50E+01	ug/L	J	J	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.987	—	—	5.00E-01	ug/L	J	J	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.505	—	—	5.00E-01	ug/L	J	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	17.5	—	—	2.00E+00	ug/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.03	—	—	2.00E+00	ug/L	J	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.953	—	—	1.00E-01	ug/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	1.00E-01	ug/L	—	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	1.00E-01	ug/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.31	—	—	1.00E-01	ug/L	—	U	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.14	—	—	1.00E-01	ug/L	—	U	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	1.00E-01	ug/L	—	U	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.85	—	—	5.00E-01	ug/L	J	J	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.701	—	—	5.00E-01	ug/L	J	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.33	—	—	5.00E-01	ug/L	J	J	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1556	CAWR-09-7940	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.66	—	—	5.00E-01	ug/L	J	J	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.5	—	—	1.00E+00	ug/L	J	J	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.14	—	—	1.00E+00	ug/L	J	J	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.85	—	—	1.00E+00	ug/L	J	J	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.2	—	—	1.00E+00	ug/L	J	J	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.4	—	—	1.00E+00	ug/L	J	J	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.44	—	—	1.00E+00	ug/L	J	J	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.36	—	—	1.00E+00	ug/L	J	J	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.19	—	—	1.00E+00	ug/L	J	J	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.5	—	—	1.00E+00	ug/L	J	J	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.7	—	—	5.30E-02	mg/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.9	—	—	5.30E-02	mg/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.5	—	—	3.20E-02	mg/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.5	—	—	3.20E-02	mg/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.7	—	—	3.20E-02	mg/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	139	—	—	1.00E+00	ug/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	119	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.66	—	—	5.00E-02	ug/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	J	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.13	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.93	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.52	—	—	5.00E-02	ug/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.28	—	—	5.00E-02	ug/L	—	J	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.21	—	—	5.00E-02	ug/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.96	—	—	5.00E-02	ug/L	—	—	08-1065	CAWR-08-12106	GELC
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12.2	—	—	1.00E+00	ug/L	—	—	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.39	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.09	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.7	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	03/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.45	—	—	1.00E+00	ug/L	—	—	10-2633	CAWR-10-14096	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.23	—	—	1.00E+00	ug/L	—	—	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.53	—	—	1.00E+00	ug/L	—	—	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1.00E+00	ug/L	—	—	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	ug/L	—	—	08-1065	CAWR-08-12106	GELC

Table C-2 White Rock Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	—	—	03/24/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.74	—	—	3.30E+00	ug/L	J	J	10-2633	CAWR-10-14098	GELC
Spring 4C	—	—	09/28/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-46	CAWR-09-12534	GELC
Spring 4C	—	—	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-1556	CAWR-09-7942	GELC
Spring 4C	—	—	09/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-26	CAWR-08-15510	GELC
Spring 4C	—	—	04/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12105	GELC
Spring 4C	—	—	09/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-46	CAWR-09-12537	GELC
Spring 4C	—	—	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.28	—	—	2.00E+00	ug/L	J	U	09-1556	CAWR-09-7940	GELC
Spring 4C	—	—	09/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-26	CAWR-08-15508	GELC
Spring 4C	—	—	04/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	08-1065	CAWR-08-12106	GELC

Appendix D

Analytical Chemistry Screening Results

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

Acronyms and Abbreviations

Code	Description
Field Prep Codes	
ASHED	Ashed
CRUSH	Crushed
F	Filtered
NA	Not Analyzed
SV	Sieved
UA	Unassigned
UF	Unfiltered
UNK	Unknown
Field QC Type Codes	
CO	Collocated
EQB	Equipment Blank
FB	Field Blank
FD	Field Duplicate
FPR	Field Prepared Reagent
FPS	Field Prepared Spike
FR	Field Rinsate
FS	Field Split
FTB	Field Trip Blank
FTR	Field Triplicate
INB	Equipment blank taken during installation and not associated with a sampling event
ITB	Trip blank taken during installation and not associated with a sampling event
n/a	Not Applicable
PE	Performance Evaluation
PEB	Performance Evaluation Blank
PEK	Performance Evaluation Known
RES	Resample
SS	Special Sampling Event, Data Unique
UA	Unassigned
Suite Codes	
DIOX/FUR	Dioxins and Furans
DRO	Diesel Range Organics
GENINORG	General Inorganics
HERB	Herbicides

Acronyms and Abbreviations (continued)

Code	Description
HEXP	High Explosives
METALS	Metal
PEST/PCB	Pesticides and PCBs
RAD	Radionuclides
SVOA	Semivolatile Organics
VOA	Volatile Organics
Lab Sample Type Codes	
BLIND	Blind Quality Control
BS	Blank Spike
BSD	Blank Spike Duplicate
CS	Client Sample
DL	Dilution
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCST	Laboratory Control Sample Triplicate
MB	Method Blank
MBD	Method Blank Duplicate
MBT	Method Blank Triplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MSQD	Matrix Spike Quadruplicate
MSQT	Fifth Matrix Spike
MST	Matrix Spike Triplicate
QNT	Fifth Replicate
QUD	Quadruplicate
RE	Reanalysis
REDP	Reanalysis Duplicate
RETRP	Reanalysis Triplicate
RI	Reissue
RID	Reissue Duplicate
SXT	Sixth Replicate
TOTC	Calculated Total
TOTCD	Calculated Total for a Duplicate
TRP	Triplicate

Analytical Laboratory Qualifier Codes

Laboratory Qualifier Code	Laboratory Qualifier Description
*	(Inorganic)—Duplicate analysis (relative percent difference) not within control limits. (Organic)—Spike recovery (relative percent difference) is equal to or outside the control criteria used.
B	(Organic)—Analyte present in the blank and the sample. (Inorganic)—reported value was obtained from a reading that was less than the contract-required detection limit (CRDL) but greater than or equal to the instrument detection limit (IDL).
BJ	See B code and see J code.
BJP	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the IDL but less than the CRDL. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary gas chromatography (GC) columns were greater than 25% difference. (P) (SW-846 U.S. Environmental Protection Agency (EPA) Method 8310, High Pressure Liquid Chromatography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
BPX	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the IDL but less than the CRDL. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310, High Pressure Liquid Chromatography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
DJ	(D) (Organic)—The result for this analyte was reported from a dilution. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL.
DNA	Did not analyze because equipment was broken.
E	EPA Flag—The result for this analyte exceeded the upper range of the instrument initial calibration curve.
EJ	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma atomic emission spectroscopy [ICP-AES])—The result for this analyte in the serial dilution analysis was outside acceptance criteria.
EJN	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption [GFAA])—The result for this analyte failed one or more Control Laboratory Program (CLP) acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
EN	See E code and see N code.

Analytical Laboratory Qualifier Codes (continued)

Laboratory Qualifier Code	Laboratory Qualifier Description
EN*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a TIC. (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
H	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
HJ	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL.
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
INS	(d15N)—The d15N of nitrate is a signature of the nitrate present in a sample. Therefore, nitrate has to be present to have a signature. A d15N value cannot be given to a blank, since the blank does not have nitrate. This is different than most analytical methods where you would run a blank and use the designator: “nondetect” or detected, but below detection limit.
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
J*	This code is no longer used.
JB	See J code and see B code
JN	(J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the Practical Quantitation Limit (PQL). (N) (Organic)—The reported analyte is a TIC.
JN*	(J) (Organic/Inorganic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. (N) (Organic)—The reported analyte is a TIC.
JP	See J code and see P code.
N	(Organic)—Presumptive evidence of presence of material. (Inorganic)—Spiked sample recovery not within control limits.
N*	This code is no longer used.
P	This code is no longer used.
U	(Inorganic)—The material was analyzed for but was not detected above the level of the associated numeric value. The associated numerical value is either the sample quantitation limit or the sample detection limit.

Analytical Laboratory Qualifier Codes (continued)

Laboratory Qualifier Code	Laboratory Qualifier Description
U*	See U code and see * code.
UE	See U code and see E code.
UEN	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. Spiked sample recovery not within control limits.
UH	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
UI	This code is no longer used.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery not within control limits.
UN*	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery not within control limits. Duplicate analysis not within control limits.
X	The result for this analyte was not detected at the specified reporting limit (used for gas chromatography methods).

Table D-1
Previously Unreported Groundwater Radionuclides

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG	Ratio (Result/Screening Level)	DOE Drinking Water DCG Scr Lvl	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)
Regional Spring	La Mesita Spring	SPRING	—*	09/22/09	GROSSA	UF	CS	—	—	10.2	2.1	2.3	pCi/L	GELC	EPA:900	—	—	—	30	0.34	—	—	15	0.68
Regional Spring	Spring 1	SPRING	—	09/28/09	GROSSAB	UF	CS	—	—	3.63	1.2	2.4	pCi/L	GELC	EPA:900	—	—	—	—	—	—	—	—	—
Regional Spring	Spring 1	SPRING	—	09/28/09	Th-232	UF	CS	—	—	0.0411	0.012	0.038	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	—	2	0.02	—	—
Regional Spring	Sandia Spring	SPRING	—	09/23/09	GROSSAB	UF	CS	—	—	3.6	1.2	2.6	pCi/L	GELC	EPA:900	—	—	—	—	—	—	—	—	—
Regional Spring	Spring 4B	SPRING	—	09/28/09	GROSSA	UF	CS	—	—	5.96	1.7	3.4	pCi/L	GELC	EPA:900	—	—	—	30	0.2	—	—	15	0.4
Regional Spring	Spring 10	SPRING	—	04/20/09	GROSSA	UF	CS	—	—	7.95	1.6	2.4	pCi/L	GELC	EPA:900	—	—	—	30	0.27	—	—	15	0.53

* — = None.

Table D-2
Previously Unreported Groundwater Tritium

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	MDL	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional Spring	Spring 1	SPRING	—*	09/28/09	H-3	UF	CS	—	<	-0.10	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 2	SPRING	—	09/28/09	H-3	UF	CS	—	<	0.64	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Spring 3	SPRING	—	09/28/09	H-3	UF	CS	—	<	0.67	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Spring 3A	SPRING	—	09/28/09	H-3	UF	CS	FD	<	0.51	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Spring 3A	SPRING	—	09/28/09	H-3	UF	CS	—	<	0.48	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Spring 3AA	SPRING	—	09/28/09	H-3	UF	CS	—	<	—	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 4	SPRING	—	09/28/09	H-3	UF	CS	—	—	7.31	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4C	SPRING	—	09/28/09	H-3	UF	CS	—	—	6.99	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4B	SPRING	—	09/28/09	H-3	UF	CS	—	—	23.88	0.80	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4AA	SPRING	—	09/28/09	H-3	UF	CS	—	—	2.04	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 4A	SPRING	—	09/28/09	H-3	UF	CS	—	<	0.35	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional Spring	Spring 5	SPRING	—	09/29/09	H-3	UF	CS	—	<	-0.45	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 5B	SPRING	—	09/29/09	H-3	UF	CS	—	—	1.28	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Ancho Spring	SPRING	—	09/29/09	H-3	UF	CS	—	<	-0.22	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 6	SPRING	—	09/29/09	H-3	UF	CS	—	—	0.29	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional Spring	Spring 6	SPRING	—	09/29/09	H-3	UF	CS	FD	<	—	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 6A	SPRING	—	09/29/09	H-3	UF	CS	—	<	0.19	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 6AAA	SPRING	—	09/29/09	H-3	UF	CS	—	<	-0.10	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 8A	SPRING	—	09/29/09	H-3	UF	CS	—	<	0.22	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 9	SPRING	—	09/29/09	H-3	UF	CS	—	<	0.19	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 9A	SPRING	—	09/30/09	H-3	UF	CS	—	<	-0.03	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional Spring	Spring 9B	SPRING	—	09/30/09	H-3	UF	CS	—	<	—	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5

* — = None.

Table D-3
Previously Unreported Groundwater Perchlorate

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Regional Spring	Spring 1	SPRING	—*	09/28/09	—	F	CS	ClO4	SW-846:6850	—	0.324	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 2	SPRING	—	09/28/09	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional Spring	Sandia Spring	SPRING	—	09/23/09	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional Spring	Sandia Spring	SPRING	—	09/23/09	—	F	CS	ClO4	SW-846:6850	—	0.351	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table D-4
Previously Unreported Groundwater Metals

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	EPA MCL	Ratio (Result/Screening Level)
Regional Spring	Spring 2	SPRING	—*	09/28/09	As	F	CS	—	—	13.2	1.5	µg/L	GELC	—	—	—	SW-846:6020	10	1.32
Regional Spring	Spring 2	SPRING	—	09/28/09	As	UF	CS	—	—	14.4	1.5	µg/L	GELC	—	—	—	SW-846:6020	10	1.44

* — = None.

Table D-5
Previously Unreported Groundwater Organics

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)
Regional Spring	Spring 2	SPRING	—*	09/28/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.727	0.3	µg/L	1	J	J	V7c	SW-846:8260B	GELC	190	—

* — = None.

Table D-6
Previously Unreported Surface Water Radionuclides

Field Matrix Code	Location	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	NM Livestock Watering Scr Lvl	Ratio (Result/Screening Level)
WS	Rio Grande at Frijoles	09/30/09	GROSSA	UF	CS	FD	—*	6.95	1.7	2.6	pCi/L	GELC	EPA:900	—	—	—	15	0.46
WS	Rio Grande at Frijoles	09/30/09	GROSSA	UF	CS	—	—	6.91	1.7	2.7	pCi/L	GELC	EPA:900	—	—	—	15	0.46

* — = None.

Table D-7
Previously Unreported Surface Water Tritium

Field Matrix Code	Location	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	MDL	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
WS	Mortandad at Rio Grande	09/30/09	H-3	UF	CS	—*	—	4.57	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—

* — = None.

Table D-8
Previously Unreported Surface Water Perchlorate

Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
WS	Mortandad at Rio Grande	09/30/09	—*	F	CS	ClO4	SW-846:6850	—	0.185	0.05	µg/L	1	J	J	J_LAB	GELC

* — = None.

Table D-9
Previously Unreported Surface Water Metals

Field Matrix Code	Location	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NM Aquatic Acute (100 mg hardness) Scr Lvl	Ratio (Result/Screening Level)	NM Aquatic Chronic (100 mg hardness) Scr Lvl	Ratio (Result/Screening Level)
WS	Mortandad at Rio Grande	09/30/09	Cd	F	CS	—*	—	0.118	0.11	µg/L	GELC	J	J	J_LAB	SW-846:6020	—	—	0.2	0.59
WS	Mortandad at Rio Grande	09/30/09	Cu	F	CS	—	—	13.2	3	µg/L	GELC	—	—	—	SW-846:6010B	13.4	0.99	9	1.47

* — = None.

Table D-10
Previously Unreported Surface Water Organics

Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Human Health Scr Lvl	Ratio (Result/Screening Level)
WS	Mortandad at Rio Grande	09/28/09	—*	UF	CS	SVOA	Anthracene	120-12-7	—	0.236	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	40000	—
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Benzo(a)anthracene	56-55-3	—	0.403	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	0.18	2.24
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Benzo(a)pyrene	50-32-8	—	0.237	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	0.18	1.32
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Benzo(g,h,i)perylene	191-24-2	—	0.288	0.22	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	—	—
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Benzo(k)fluoranthene	207-08-9	—	0.241	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	0.18	1.34
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	3.34	2.2	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	22	0.15
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Chrysene	218-01-9	—	0.239	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	0.18	1.33
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Fluoranthene	206-44-0	—	0.276	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	140	—
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Fluorene	86-73-7	—	0.226	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	5300	—
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Indeno(1,2,3-cd)pyrene	193-39-5	—	0.26	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	0.18	1.44
WS	Mortandad at Rio Grande	09/28/09	—	UF	CS	SVOA	Phenanthrene	85-01-8	—	0.26	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—

* — = None.

Table D-11
Groundwater Perchlorate

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Regional Spring	Spring 4C	SPRING	—*	03/24/10	—	F	CS	ClO4	SW-846:6850	—	0.625	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 4AA	SPRING	—	03/24/10	—	F	RE	ClO4	SW-846:6850	—	0.56	0.02	µg/L	1	—	—	—	STSL
Regional Spring	Spring 4A	SPRING	—	03/24/10	—	F	RE	ClO4	SW-846:6850	—	0.5	0.02	µg/L	1	—	—	—	STSL

* — = None.

Table D-12
Groundwater Metals

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Regional Spring	Spring 4C	SPRING	—*	03/24/10	Fe	F	CS	—	—	1280	30	µg/L	GELC	—	—	—	SW-846:6010B	1000	1.28

* — = None.

Table D-13
Groundwater Organics

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)
Regional Spring	Spring 4	SPRING	—*	03/24/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	4.1	1	µg/L	1	J	J	J_LAB	SW-846:8270C	STSL	29000	—
Regional Spring	Spring 4	SPRING	—	03/24/10	—	UF	CS	VOA	Butanone[2-]	78-93-3	—	1.71	1.3	µg/L	1	J	J	V7c	SW-846:8260B	GELC	7100	—
Regional Spring	Spring 4B	SPRING	—	03/24/10	—	UF	CS	VOA	Butanone[2-]	78-93-3	—	3.32	1.3	µg/L	1	J	J	V7c	SW-846:8260B	GELC	7100	—

* — = None.

Table D-14
Surface Water Perchlorate

Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
WS	Frijoles at Rio Grande	03/22/10	—*	F	CS	ClO4	SW-846:6850	—	0.174	0.05	µg/L	1	J	J	J_LAB	GELC

* — = None.

Table D-15
Surface Water Metals

Field Matrix Code	Location	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NM Aquatic Acute (100 mg hardness) Scr Lvl	Ratio (Result/Screening Level)	NM Aquatic Chronic (100 mg hardness) Scr Lvl	Ratio (Result/Screening Level)
WS	Frijoles at Rio Grande	03/22/10	Al	F	CS	—*	—	922	68	µg/L	GELC	—	—	—	SW-846:6010B	750	1.23	87	10.6

* — = None.

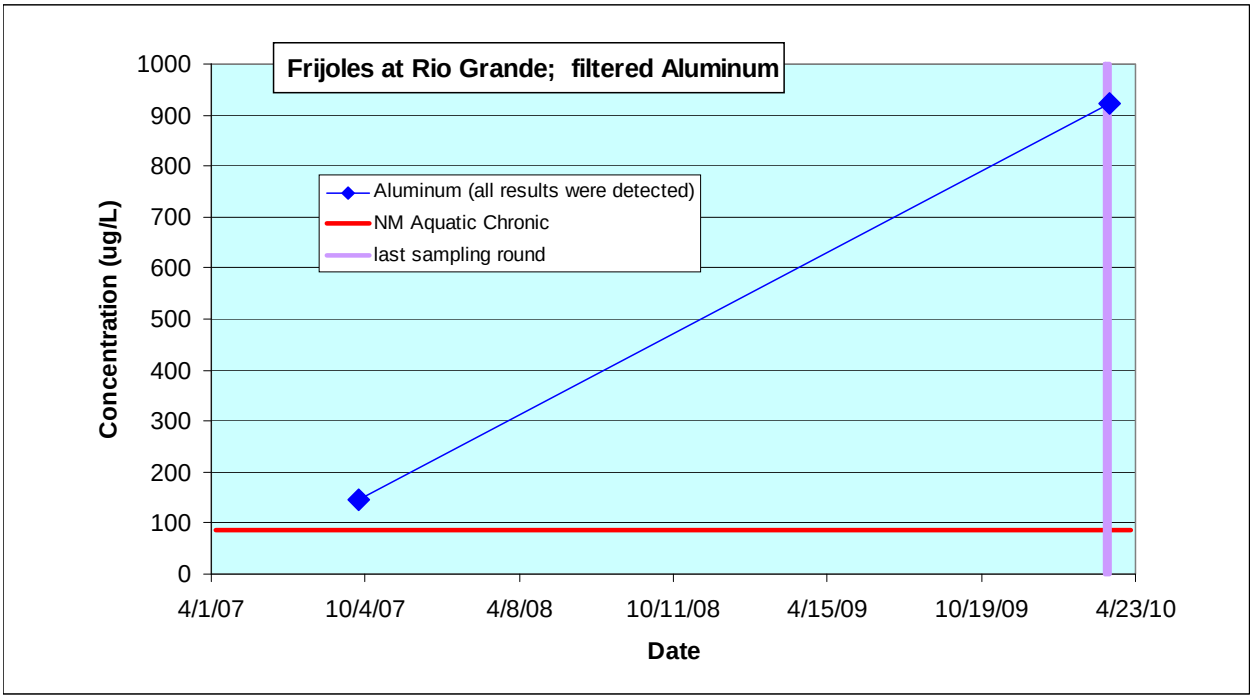
Table D-16
Surface Water Organics

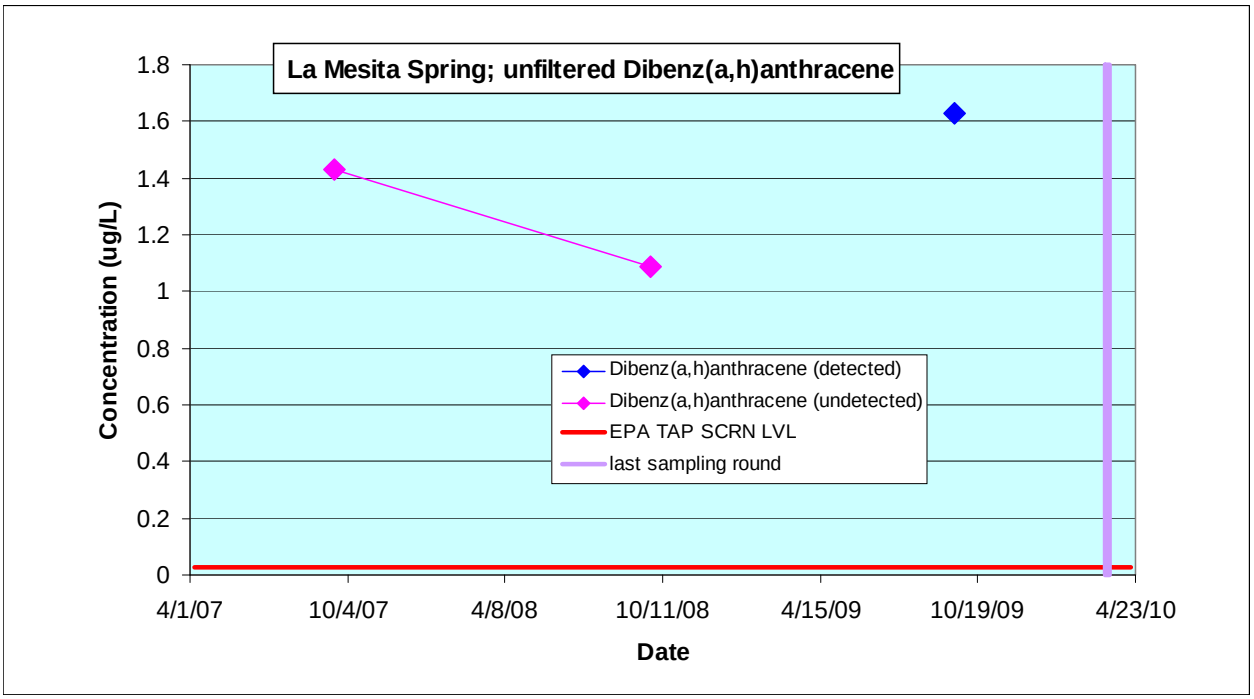
Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Human Health Scr Lvl	Ratio (Result/Screening Level)
WS	Rio Grande at Frijoles	09/30/09	FB	UF	CS	VOA	Chloroform	67-66-3	—*	0.326	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	4700	—

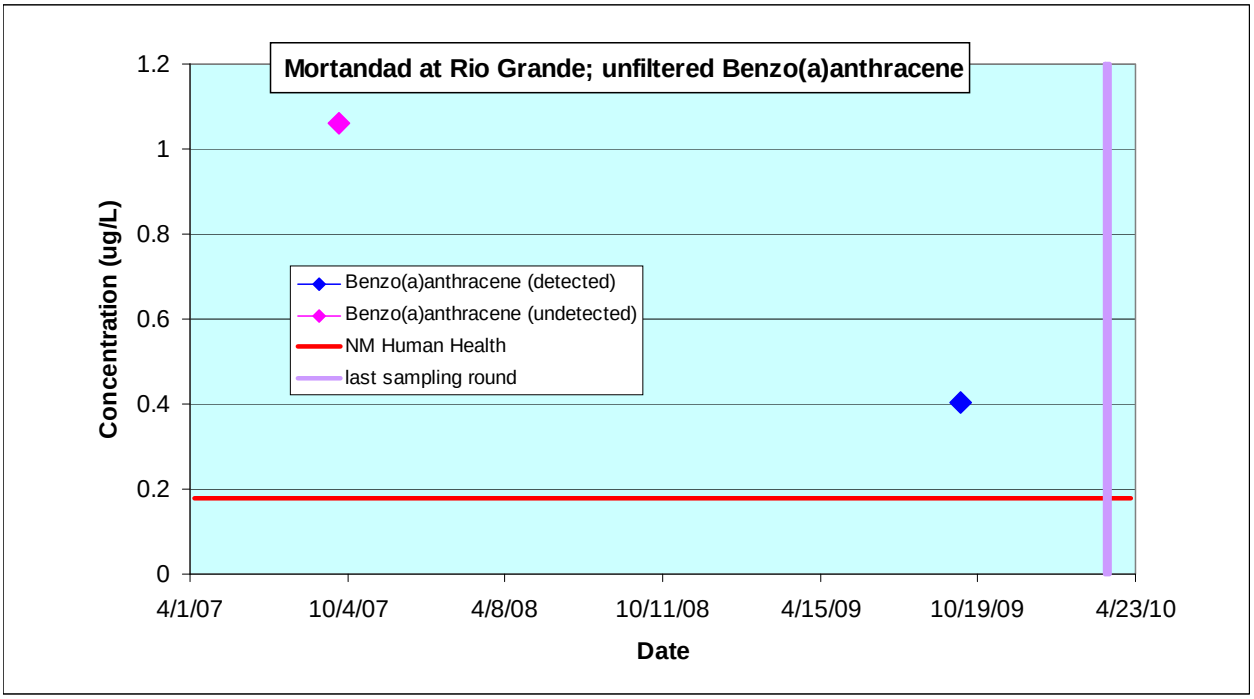
* — = None.

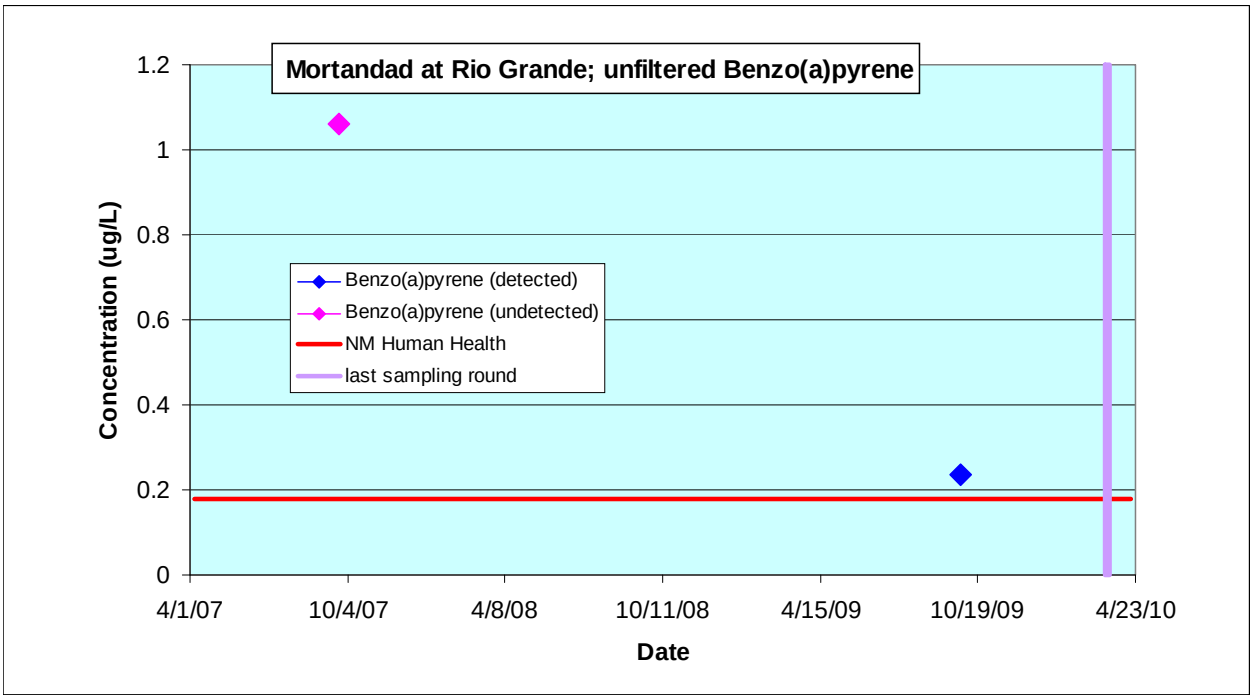
Appendix E

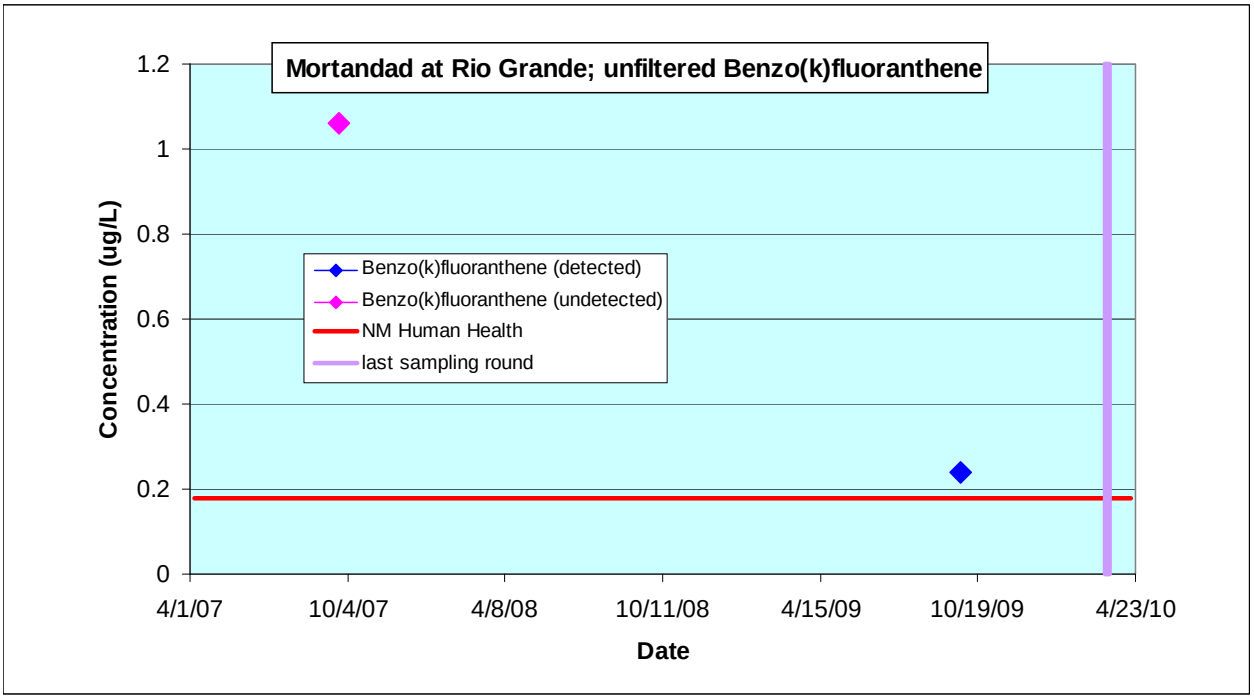
Analytical Chemistry Graphs of Screening-Level Exceedances

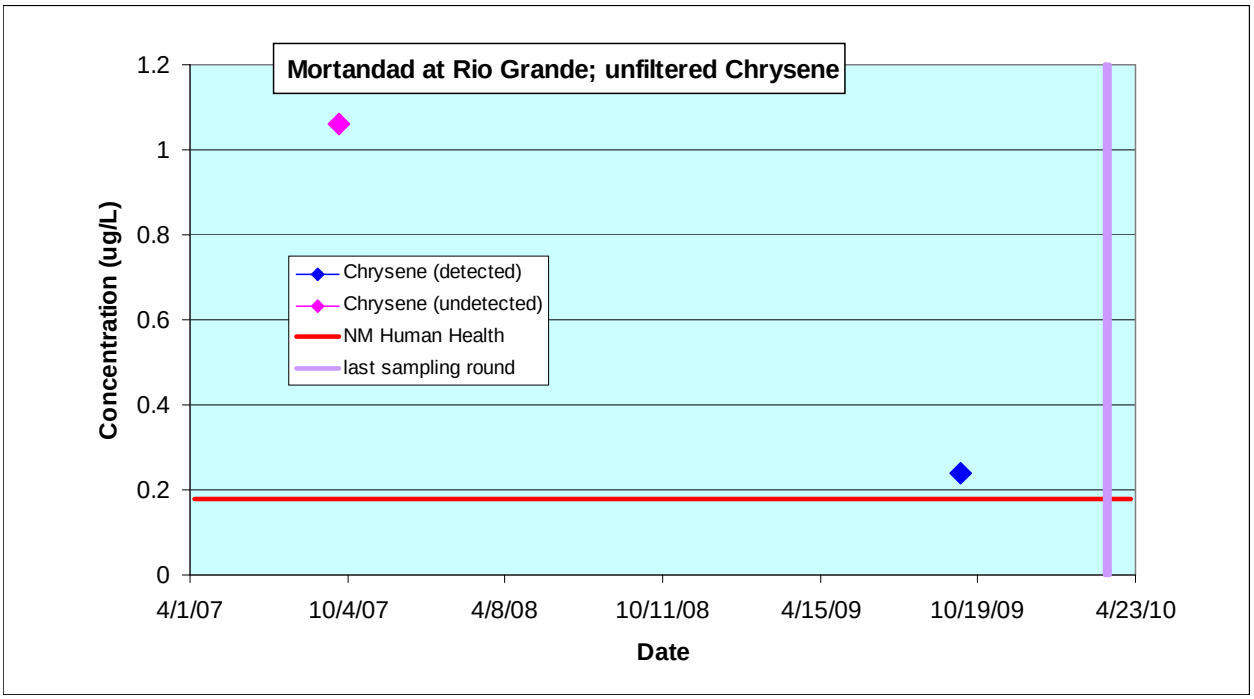

Frijoles at Rio Grande; filtered Aluminum
Concentration (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
Aluminum (all results were detected)
NM Aquatic Chronic
last sampling round
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date

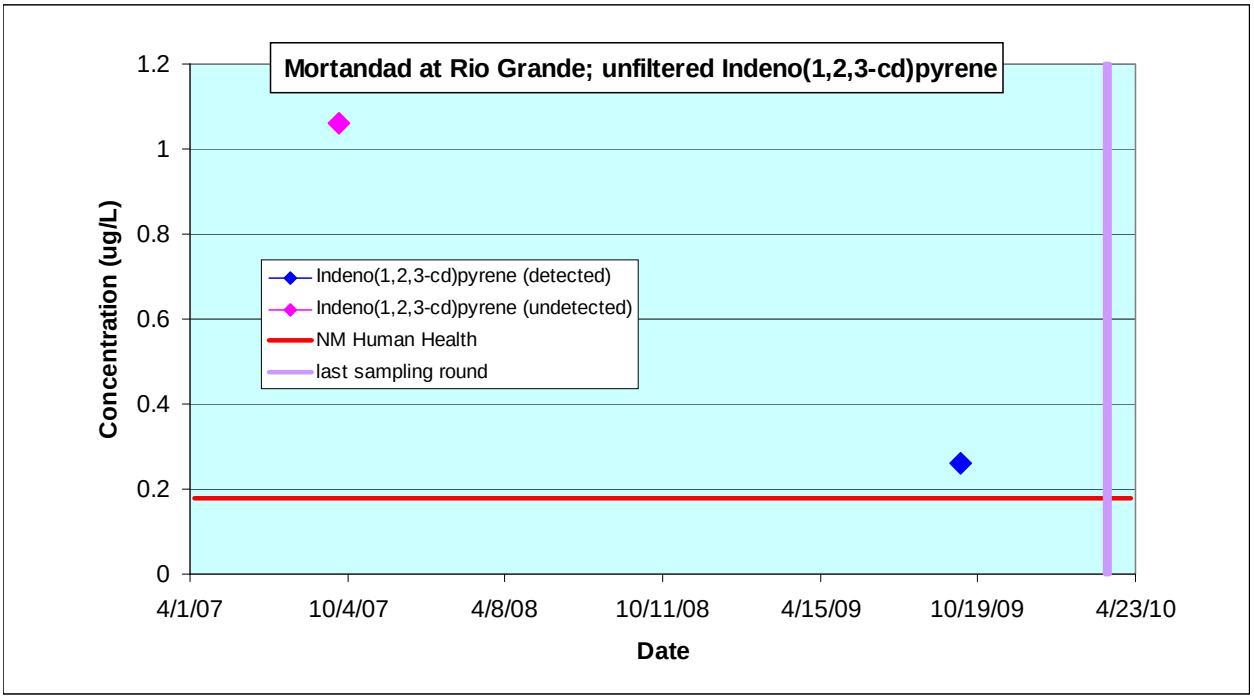

La Mesita Spring; unfiltered Dibenz(a,h)anthracene
Concentration (ug/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Dibenz(a,h)anthracene (detected)
Dibenz(a,h)anthracene (undetected)
EPA TAP SCRN LVL
last sampling round
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date

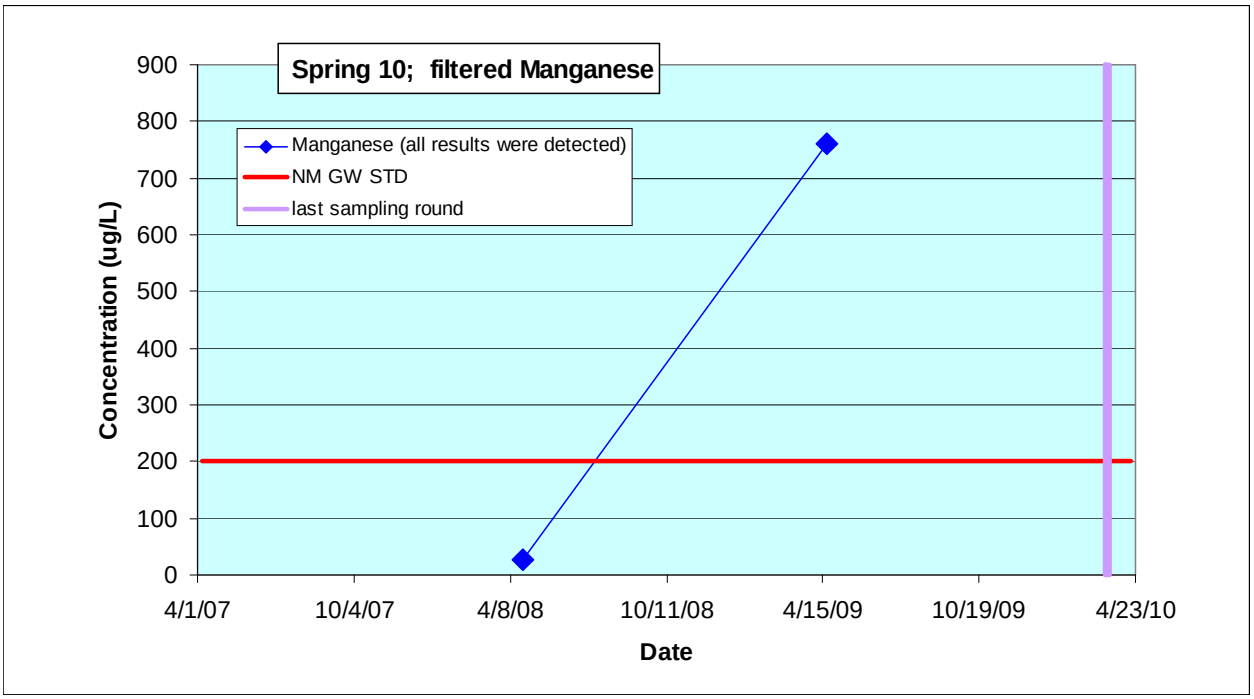

Mortandad at Rio Grande; unfiltered Benzo(a)anthracene
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
Benzo(a)anthracene (detected)
Benzo(a)anthracene (undetected)
NM Human Health
last sampling round
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date

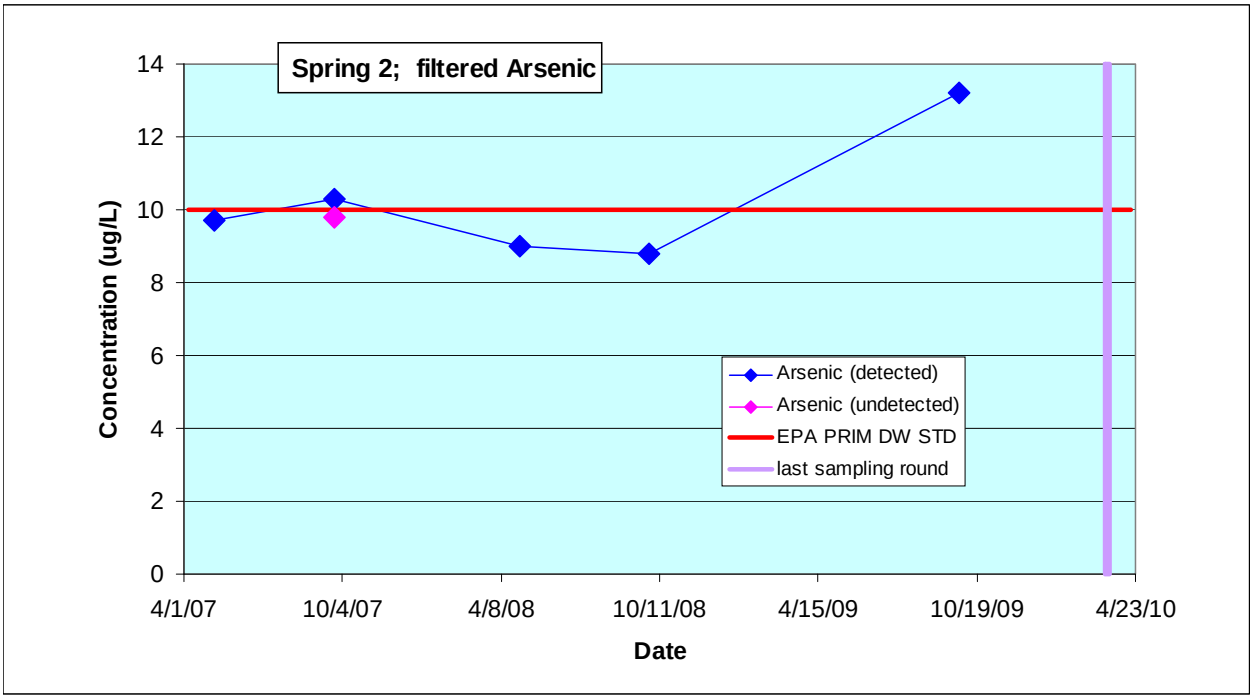

Mortandad at Rio Grande; unfiltered Benzo(a)pyrene
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
Benzo(a)pyrene (detected)
Benzo(a)pyrene (undetected)
NM Human Health
last sampling round
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date

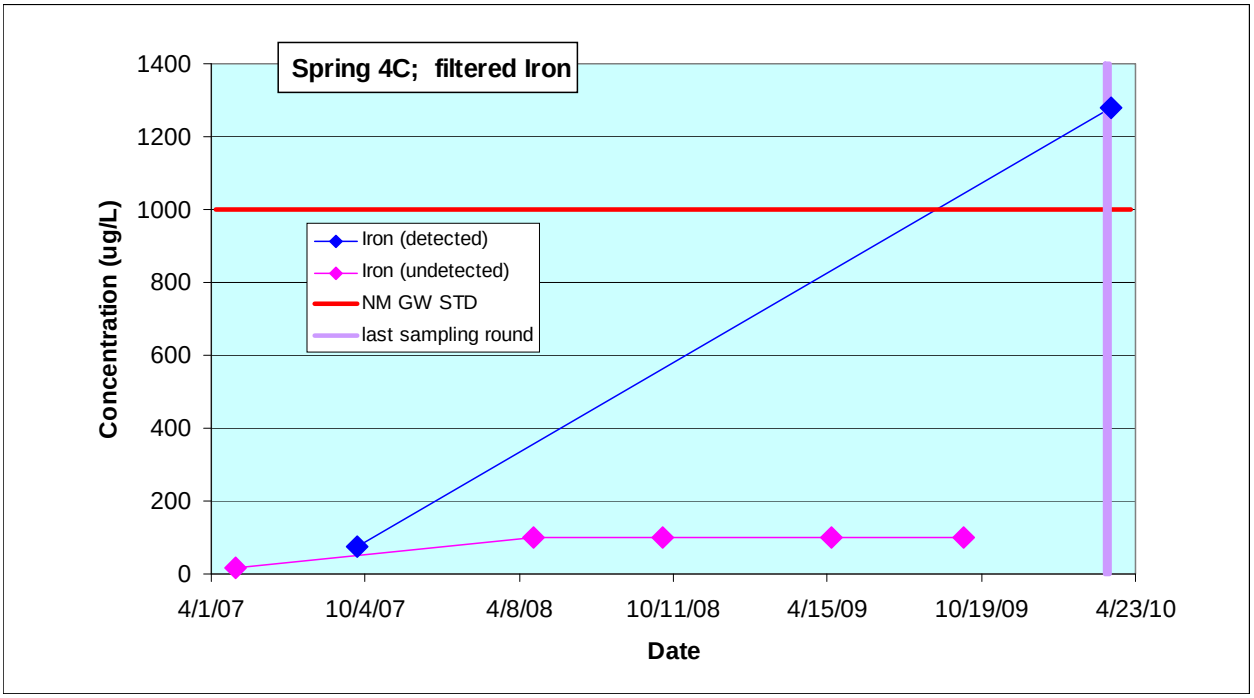

Mortandad at Rio Grande; unfiltered Benzo(k)fluoranthene
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
Benzo(k)fluoranthene (detected)
Benzo(k)fluoranthene (undetected)
NM Human Health
last sampling round
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date


Mortandad at Rio Grande; unfiltered Chrysene
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
Chrysene (detected)
Chrysene (undetected)
NM Human Health
last sampling round
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date


Mortandad at Rio Grande; unfiltered Indeno(1,2,3-cd)pyrene
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
Indeno(1,2,3-cd)pyrene (detected)
Indeno(1,2,3-cd)pyrene (undetected)
NM Human Health
last sampling round
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date


Spring 10; filtered Manganese
Concentration (ug/L)
900
800
700
600
500
400
300
200
100
0
Manganese (all results were detected)
NM GW STD
last sampling round
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date


Spring 2; filtered Arsenic
Concentration (ug/L)
14
12
10
8
6
4
2
0
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date
Arsenic (detected)
Arsenic (undetected)
EPA PRIM DW STD
last sampling round


Spring 4C; filtered Iron
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
4/1/07
10/4/07
4/8/08
10/11/08
4/15/09
10/19/09
4/23/10
Date
Iron (detected)
Iron (undetected)
NM GW STD
last sampling round

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Request	Suite	Lab	Sample	Date	Location
10-2584	VOA[a]	STSL	CAWR-10-14115	3/22/2010	Frijoles at Rio Grande
10-2584	VOA	STSL	CAWR-10-14116	3/22/2010	Frijoles at Rio Grande
10-2596	HEXP[b]	STSL	CAWR-10-14096	3/24/2010	Spring 4C
10-2598	HEXP	STSL	CAWR-10-14106	3/24/2010	Spring 4A
10-2598	HEXP	STSL	CAWR-10-14107	3/24/2010	Spring 4AA
10-2606	GENINORG[c]	STSL	CAWR-10-14106	3/24/2010	Spring 4A
10-2606	GENINORG	STSL	CAWR-10-14107	3/24/2010	Spring 4AA
10-2606	HEXP	STSL	CAWR-10-14106	3/24/2010	Spring 4A
10-2606	HEXP	STSL	CAWR-10-14107	3/24/2010	Spring 4AA
10-2606	SVOA[d]	STSL	CAWR-10-14100	3/24/2010	Spring 4B
10-2606	SVOA	STSL	CAWR-10-14102	3/24/2010	Spring 4
10-2607	GENINORG	STSL	CAWR-10-14099	3/24/2010	Spring 4B
10-2607	GENINORG	STSL	CAWR-10-14100	3/24/2010	Spring 4B
10-2607	GENINORG	STSL	CAWR-10-14102	3/24/2010	Spring 4
10-2607	GENINORG	STSL	CAWR-10-14103	3/24/2010	Spring 4
10-2607	GENINORG	STSL	CAWR-10-14105	3/24/2010	Spring 4A
10-2607	GENINORG	STSL	CAWR-10-14106	3/24/2010	Spring 4A
10-2607	GENINORG	STSL	CAWR-10-14107	3/24/2010	Spring 4AA
10-2607	GENINORG	STSL	CAWR-10-14108	3/24/2010	Spring 4AA
10-2607	INORGANIC	STSL	CAWR-10-14105	3/24/2010	Spring 4A
10-2607	INORGANIC	STSL	CAWR-10-14108	3/24/2010	Spring 4AA
10-2607	METALS	STSL	CAWR-10-14099	3/24/2010	Spring 4B
10-2607	METALS	STSL	CAWR-10-14100	3/24/2010	Spring 4B
10-2607	METALS	STSL	CAWR-10-14102	3/24/2010	Spring 4
10-2607	METALS	STSL	CAWR-10-14103	3/24/2010	Spring 4
10-2617	GENINORG	GELC	CAWR-10-14115	3/22/2010	Frijoles at Rio Grande
10-2617	GENINORG	GELC	CAWR-10-14117	3/22/2010	Frijoles at Rio Grande
10-2617	METALS	GELC	CAWR-10-14115	3/22/2010	Frijoles at Rio Grande
10-2617	METALS	GELC	CAWR-10-14117	3/22/2010	Frijoles at Rio Grande
10-2617	RAD[e]	GELC	CAWR-10-14115	3/22/2010	Frijoles at Rio Grande
10-2626	VOA	GELC	CAWR-10-14100	3/24/2010	Spring 4B
10-2626	VOA	GELC	CAWR-10-14101	3/24/2010	Spring 4B
10-2626	VOA	GELC	CAWR-10-14102	3/24/2010	Spring 4
10-2626	VOA	GELC	CAWR-10-14104	3/24/2010	Spring 4
10-2633	GENINORG	GELC	CAWR-10-14096	3/24/2010	Spring 4C
10-2633	GENINORG	GELC	CAWR-10-14098	3/24/2010	Spring 4C
10-2633	HEXP	GELC	CAWR-10-14096	3/24/2010	Spring 4C
10-2633	METALS	GELC	CAWR-10-14096	3/24/2010	Spring 4C
10-2633	METALS	GELC	CAWR-10-14098	3/24/2010	Spring 4C

Request	Suite	Lab	Sample	Date	Location
10-2633	SVOA	GELC	CAWR-10-14096	3/24/2010	Spring 4C
10-2633	VOA	GELC	CAWR-10-14096	3/24/2010	Spring 4C
10-2633	VOA	GELC	CAWR-10-14097	3/24/2010	Spring 4C

[a] VOA = Volatile organic analysis.

[b] HEXP = High explosives.

[c] GENINORG = General inorganics.

[d] SVOA = Semivolatile organic analysis.

[e] RAD = Radionuclides.